

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
64					60	CO2	To understand the provision of Constitution of India under Article 44 and International rules and conventions on Uniform Civil Code	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
64					60	CO3	To understand how can Uniform Civil code be implemented; the impediments in the application and its effects upon the Personal Laws in different spheres	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
64					60	CO4	To review the Government's initiatives and judicial responses on Uniform Civil Code	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Law School, Pune Programme Name : Bachelor of Laws

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO1	Students will be able to acquire legal knowledge from various disciplines and professions to equip them to perform various roles of a professional lawyer beyond the traditional role of litigation linking their domain knowledge to legal profession.
2	GA3	Eco-literate: sensitivity towards a sustainable environment	PO2	get an edge over other peers to lead and shape social, public and corporate enterprises such as the State, Community organizations and Social Enterprises, become justice sentinels and justice crusaders.
3	GA2	Global citizenship: ethical, social and professional understanding	PO3	gain hands on experience in legal knowledge , skills, ethics and values to be able to work in a fast changing India set in a de-globalizing world because of the course curriculum which will facilitate learning law in a profound way in response to contemporary developments.
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	find, identify and interpret the law in a given situation.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	resolve the legal problems with the correct application of law.
6	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO6	procure the IT skills to use the electronic resources to find the legal information.
7	GA1	Scholarship: research, inquiry and lifelong learning	PO7	improve cognitive skills, problem solving skills, analytical and independent critical thinking with enhanced research capabilities by using different pedagogical methods using collaborative online international learning.
8	GA2	Global citizenship: ethical, social and professional understanding	PO8	cultivate the ability to appreciate the role of lawyers in justice education in a globalising world sensitive to the needs of sustainability, poverty and vulnerability.

9	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO9	acquaint with the institutions of the legal systems including national, international and multiple aspects of dispute resolution, groomed in intellectual integrity, critical thinking, and be practice ready lawyers
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1	SEM I (2019-2020)	010122101 - PP	T1459	Law of Torts including MV Accident and consumer Protection Laws	60	CO1	Explain the law of private rights and remedies which are not covered by statute.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	Weak-L	Moderate-M
1					60	CO2	Display understanding of the operation of this branch of common law and its potential of expansion which governs actions for damages for injuries to certain kinds of rights, like the right to personal security, property and reputation.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Weak-L	Weak-L
1					60	CO3	Demonstrate application of the principles of Law of Torts in contemporary areas like Human Rights, Environmental Rights, and Intellectual Property Rights.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	-	Moderate-M	Weak-L	Moderate-M
1					60	CO4	Appraise the differing requirements which lead to civil liability for different torts against person and property.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
2	SEM I (2019-2020)	010122102 - PP	T1467	Family Law I	60	CO1	explain, analyse and evaluate the legal rules, concepts and values governing and regulating intimate or domestic relationships.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Weak-L
2					60	CO2	locate the development of the law, including the institutions and procedures, within a broader historical, demographic and social context.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
2					60	CO3	demonstrate knowledge of the requirements for valid marriage, civil partnership and divorce/dissolution of relationships and the underlying policy of the law in regulating personal relationships	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Weak-L	Moderate-M

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2					60	CO4	explain and analyse critically the principles and operation of the law as regulator and study it in the context of constitutional rights, ethics and human rights.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Weak-L
2					60	CO5	apply their knowledge to analyse complex legal questions and problems.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
3	SEM I (2019-2020)	010122103 - PP	T1471	Law of Contracts	60	CO1	Understand the development of the rules and principles of law of contracts.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
3					60	CO2	Identify the application of Contractual principles to actual issues and problems.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Moderate-M	Moderate-M
3					60	CO3	Identify and explain appropriate remedies for breach of contractual obligations.	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
3					60	CO4	To analyse the impact of social and commercial issues on the evolution and application of general principles of contract law.	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H
3					60	CO5	Draft contractual clauses efficiently.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Strong-H
3					60	CO6	To explain and assess recent developments and current controversies in contract law.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Weak-L
4	SEM I (2019-2020)	010122104 - PP	T1480	Environmental Law	60	CO1	Provide an understanding and critical awareness of the foundational principles of the legal system relating to the protection of the environment in context	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H
4					60	CO2	Identify and critically assess the framework of environmental law in national and international level in the context of ethics, values, human rights perspective and constitutional values	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Moderate-M
4					60	CO3	Explore the complex social, economic and political context in which environmental law exists.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Weak-L

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4					60	CO4	Understand the provisions related to Environmental protection under the general laws such as Law of Torts, Criminal Procedure Code, Constitution of India and Indian Penal Code; apart from covering the major legislations relating to Air Act, Water Act, Environment Protection Act, Public Liability Insurance Act, Indian Forest Act, Wildlife Protection act, NGT Act.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H
4					60	CO5	Analyse environmental issues, debates and ideas that have been influencing the policies, laws and mind set of masses like the relationship of trade and environment, human rights and environment, environmental justice et al.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
5	SEM I (2019-2020)	010122105 - PP	T1543	Law of Crimes Paper 1: Indian Penal Code	60	CO1	Understand the legal principles governing liability for offences against the person and property offences	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
5					60	CO2	Analyze the principles governing criminal defenses	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Weak-L
5					60	CO3	Interpret a set of facts in order to identify legal issues arising, providing reasoned arguments and conclusions as to the criminal offences which may have been committed and defenses which may be available	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Strong-H	Moderate-M	Moderate-M
5					60	CO4	Identify strengths and weaknesses of areas of law in terms of underlying considerations of morality, principle and policy	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H

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5					60	CO5	Conduct legal research tasks using legal databases and the internet to locate primary and secondary sources relevant to criminal law.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Weak-L
6	SEM I (2019-2020)	010122106 - PP	T1534	Indian Legal System and Legal Methods	60	CO1	Students will be able to build their understanding of other subjects on the basis of knowledge acquired here.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Weak-L
6					60	CO2	Students will be able to understand jurisprudential base and evolution of certain complex phenomenon.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Weak-L
6					60	CO3	Students will be able to make use of the research methodologies in publishing articles in known national and international journals.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H
7	SEM I (2019-2020)	010122107 - PP	T1526	Developmental Lawyering Practice	60	CO1	provide Legal Aid and Pro Bono Practice.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
7					60	CO2	understand Prison Advocacy Programme.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Weak-L	Moderate-M	Moderate-M
7					60	CO3	create social awareness in society about their legal rights.	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	-	Weak-L	Strong-H	Weak-L
7					60	CO4	provide justice to weaker section of the society at their doorstep.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Weak-L	Strong-H	Weak-L
8	SEM I (2019-2020)	010122108 - PP	T1485	International organisation	60	CO1	Understand the functioning of international organization.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H
8					60	CO2	Understand and examine the history and contemporary developments in some of the more visible international organizations like the UN and the EU.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	Strong-H
8					60	CO3	Analyze areas of co-operation in international relations and assess the role of international organization like the UN in fostering change.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Strong-H

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8					60	CO4	Discuss the general topic of regionalism as an approach to understanding international relations.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H
9	SEM I (2019-2020)	010122109 - PP	T1495	Banking Law	60	CO1	understand the various reforms in banking sector and will be updated with the knowledge of laws related to banking business in India.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
9					60	CO2	be able to analyze the various laws related to banking business in India and will be able to understand the various banker-customer relations depending on the functions and banking transactions.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
9					60	CO3	comprehend the various challenges and risks involved in the banking business such as NPAs and will be able to suggest overcoming from these challenges.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
9					60	CO4	be well acquainted with the laws related to Foreign Exchange as banking business has grown and widened its scope to the other countries as well.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
10	SEM I (2019-2020)	010122110 - PP	T1513	Retail Business and Law	60	CO1	Be well versed in corporate working from a critical perspective in retail sector	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Weak-L	Weak-L
10					60	CO2	analyse the various provisions of the Retail Law and the allied legislations relating to retail industry.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
10					60	CO3	ability to present an oral argument, to engage in discussions on controversial issues and to present written arguments	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
10					60	CO4	Be able to apply law in context and issues	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H

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11	SEM I (2019-2020)	010122111 - PP	T1529	Food Safety Law	60	CO1	Identify the legal initiatives adopted with regard to food security laws.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
11					60	CO2	Analyze the legal measures adopted that examine the issues related to nutrition as a basic human right.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
11					60	CO3	Critically scrutinize the legal framework that addresses the food inadequacy issues.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Weak-L
11					60	CO4	Comprehend the initiatives adopted to understand decision making process and policies in the light of legal framework, ethics and human rights.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Weak-L
12	SEM I (2019-2020)	010122112 - PP	T1533	Human rights law and practice	60	CO1	Identify the legal initiatives adopted with regard to food security laws.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
12					60	CO2	Analyze the legal measures adopted that examine the issues related to nutrition as a basic human right.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
12					60	CO3	Critically scrutinize the legal framework that addresses the food inadequacy issues.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Weak-L
12					60	CO4	Comprehend the initiatives adopted to understand decision making process and policies in the light of legal framework, ethics and human rights.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Weak-L
13	SEM I (2019-2020)	010122113 - PP	T1551	National Security Law	60	CO1	Student will understand the concept of National Security as a discipline and the conflict with the rule of law and human rights.	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	-	Moderate-M	Moderate-M	Moderate-M
13					60	CO2	Student will be able to appraise the national security law in the context of law operating in US and UK.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Strong-H

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13					60	CO3	Students will be able to apply the national security law to issues in the national security area.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
14	SEM I (2019-2020)	010122114 - PP	T1556	Right to Information Law	60	CO1	Analyse the legal aspects in the Right to Information Act in the light of ethics, value and human rights.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
14					60	CO2	Analyse the Public Authorities and their Obligations under the Right to Information Act.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
14					60	CO3	Explain the Role of Public Information Officers.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
14					60	CO4	Identify the Exemptions from Disclosure of Information, Partial Disclosure and "Third Party Information.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
14					60	CO5	Identify how RTI can help in good governance.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
15	SEM I (2019-2020)	010122115 - PP	T1557	Sexual Harassment at Workplace Law	60	CO1	The capacity to identify the cases of sexual harassment	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
15					60	CO2	To show what prevents the cases of sexual harassment from being reported	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
15					60	CO3	To explain the existing gaps in the enforcement of law in the cases of sexual harassment	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
15					60	CO4	The ability to distinguish sexual harassment from the other offences against women	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
16	SEM I (2019-2020)	010122116 - PP	T1566	E-Commerce Law	60	CO1	Comprehend the legal framework of E-Commerce laws.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	-	Strong-H	Strong-H	Weak-L
16					60	CO2	Understand Information Technology Act, 2000 in the context of e commerce law	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
16					60	CO3	Understand the impact of Information Technology Act, 2000 on the E-Commerce	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M

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16					60	CO4	Comprehend definitions, taxation schemes and working of Information Technology Act, 2000.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
16					60	CO5	Analyse various offences under the Information Technology Act, 2000 in relation to E-Commerce.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
16					60	CO6	Apply law to the issues in e-commerce in global context	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Moderate-M
17	SEM I (2019-2020)	010122117 - PP	T1570	Introduction to intellectual Property Law	60	CO1	understand the fundamentals of Intellectual Property Rights and related protection systems	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Moderate-M
17					60	CO2	analyse the theoretical justification of IP	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Weak-L	Moderate-M	Moderate-M
17					60	CO3	analyse the international regime, treaties and conventions on intellectual property rights	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Weak-L	Moderate-M	Moderate-M
17					60	CO4	understand the various forms of IP such as Patent, Copyright, Trademark, Design, Geographical indication, traditional knowledge, Plant varieties, trade secret and Layout design of Integrated circuits	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
17					60	CO5	analyse contemporary issues relating to IPR including human rights aspects.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
18	SEM I (2019-2020)	010122118 - PP	T1572	Patent Law and Practice	60	CO1	Comprehension of complex concepts not only pertaining to procedure and practice of patent law, but also those of drafting a patent specification.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
19	SEM II (2019-2020)	010122201 - PP	T1454	Constitutional law I	60	CO1	To integrate the values of the Constitution enshrines in the students.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
19					60	CO2	To link the application of fundamental rights in daytoday life and identify the breach of fundamental rights.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M

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19					60	CO3	To apply the principles of fundamental rights through drafting of Writ Petitions, Public Interest Litigation or Representative Suits	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
19					60	CO4	To illustrate the importance of Fundamental Duties and the moral obligation of the citizens to comply with the same.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
19					60	CO5	To correlate the concept of Directive Principles of State Policy to Fundamental Rights	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
20	SEM II (2019-2020)	010122202 - PP	T1469	Family Law II	60	CO1	understand succession issues visàvis the changing laws in society and various other child related issues, gift and will.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
20					60	CO2	evaluate the strength of family laws in India	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Weak-L
20					60	CO3	analyse the Uniform Civil Code and its applicability for the purposes of regulating the personal acts of family life that may emerge from time to time.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
20					60	CO4	evaluate the changes in family laws in context of socioeconomic developments.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Strong-H	Weak-L
20					60	CO5	apply law to problems in family disputes.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
21	SEM II (2019-2020)	010122203 - PP	T1473	Property Law	60	CO1	Students will able to analysis different principles of the property transactions	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
21					60	CO2	Students, after study of this course will able to compare different modes of transfer of property by act of the parties	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
21					60	CO3	Students, after study of this course will able to identify contracts in the property dealings	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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21					60	CO4	Students can read and analyse different extracts maintained in the sub registrar office	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
22	SEM II (2019-2020)	010122204 - PP	T1475	Special Contracts	60	CO1	Understand the legal rules and concepts governing the law of agency, bailment, indemnity, guarantee, sales of goods and partnership.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
22					60	CO2	Analysis and application of the principles of Contract law in commercial relationships of agency, bailment, indemnity, guarantee, sales of goods and partnership.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
23	SEM II (2019-2020)	010122205 - PP	T1519	Civil Procedure Code and Limitation Act	60	CO1	Well versed with the knowledge of civil procedure.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
23					60	CO2	Having indepth knowledge about the history the Code of Civil Procedure in India and the details of procedure for redressal of civil rights.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
23					60	CO3	Able to apply the procedure of filing the suit in the court, the documents in support and against, evidence taken, dimensions of an interim order, the peculiar nature of the suits.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
23					60	CO4	Able to understand the complexities of executing a decree and provisions for appeal and revision.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
23					60	CO5	Able to apply the procedural aspects in the civil court practice	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
24	SEM II (2019-2020)	010122206 - PP	T1518	Civil law Practice	60	CO1	To develop basic skills and techniques needed for civil law practice	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
24					60	CO2	Will be able to use the skills learnt to practical situations and be practice ready at the end of the course	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
24					60	CO3	Will understand practical application of the theoretical principles so learnt.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
25	SEM II (2019-2020)	010122207 - PP	T1524	Criminal law Practice	60	CO1	Will be able to apply basic skills and techniques needed for criminal law practice.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
25					60	CO2	Ability to construct a strong case in the favour of your Client.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Strong-H	Moderate-M
25					60	CO3	To create social awareness in the society and providing justice to the poor and needy people.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Strong-H	Moderate-M
25					60	CO4	To be able to connect theory with practical aspects of Criminal Law.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
26	SEM II (2019-2020)	010122208 - PP	T1536	Judicial process and Interpretation of Statutes	60	CO1	Analyze the components of judicial process	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
26					60	CO2	Analyze the factors affecting judicial process and decision making	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
26					60	CO3	Examine the outcomes of Judicial Decisions and relate it with the Judicial Process and Judicial Behavior.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
26					60	CO4	Understand the epistemological foundations of legal interpretation and the various jurisprudential accounts that seek to justify legal interpretation in its varied forms.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
26					60	CO5	apply the various methods of interpretations and rules of interpretations	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
27	SEM II (2019-2020)	010122209 - PP	T1541	Law of Crimes Paper II : Criminal Procedure Code I	60	CO1	understandthe rational of Criminal Procedure Code and importance of the Fair Trial in the light of Human Rights.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M

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27					60	CO2	Have indepth knowledge of pretrial process , Constitutional and human rights of the accused followed in Indian Criminal Justice System.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
27					60	CO3	Know the Court System, Power of the Courts and Trial Process followed in India.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
27					60	CO4	be familiar with basic concepts, provisions, case laws, principles, procedures, forms followed and applied in Cr.P.C along with the jurisprudential understanding	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
27					60	CO5	apply the basic concept, provisions, principles, procedures, forms and cases laws followed and applied in Cr.P.C to practical problems in the subject	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
28	SEM II (2019-2020)	010122210 - PP	T4005	Intergrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
28					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
28					60	CO3	To train students to perform First aid and CPR in an emergency.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
29	SEM II (2019-2020)	010122211 - PP	T1464	Media and Entertainment Law	60	CO1	Analyse the legal framework of Media and Entertainment laws in India.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
29					60	CO2	Identify the laws governing the Entertainment industry in India.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
29					60	CO3	Critically analyse the constitutionality of media freedom and its impact in the society.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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29					60	CO4	Understand and appreciate the broadcasting and advertisement laws.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
29					60	CO5	Understand laws relating to celebrity management and social media.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
29					60	CO6	Apply the skills learnt during the course in internships and in case they decide to pursue litigation or join the media and entertainment industry as in house counsels.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
29					60	CO7	Discuss the ethical, moral and human rights dimensions pertaining to media and entertainment industry	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Moderate-M
30	SEM II (2019-2020)	010122212 - PP	T1477	Comparative Constitution	60	CO1	The students will be able to comprehend and correlate the text of constitution of different political systems with judicial decisions, scientific works	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
30					60	CO2	The students will be able to understand the principles of Constitutionalism and the contextual application mechanisms	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
30					60	CO3	The students will be able to critically analyse the functions of the Executive, Legislature and Judiciary as well as the Constitutional and political equation and framework governing their exercise of Power	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
30					60	CO4	The students will be able to develop the skill set for further research and enquiry	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H
31	SEM II (2019-2020)	010122213 - PP	T1483	International banking and Finance	60	CO1	be able to analyze the causes of financial crisis and will be able to suggest the remedy/norms to reduce these kinds of financial crises.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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31					60	CO2	understand the historical background, development of international banking business and its regulatory regime and will be well acquainted with the various issues, challenges, risks involved into the international banking business.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
31					60	CO3	be able to comprehend the various overlapping legal and regulatory regimes applying to banks and bank holding companies by studying concept of choice of laws and will be imminent with the information of functioning of financial market which is very versatile and will be able to interpret the various financial concepts.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
31					60	CO4	be able to analyze the functions of international financial institutions and its basic governance structure.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
32	SEM II (2019-2020)	010122214 - PP	T1487	Law of Carriage and Multimodal Transport Law	60	CO1	Understand the Transport Regulations and Legal framework applicable to international and national transportation and carriage contracts.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
32					60	CO2	To apply legal principles to contractual arrangements that arises during Carriage and International Transport and incidental relationships.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
32					60	CO3	to apply law in the context of a liberalized and globalized world.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H
32					60	CO4	To analyze the contribution of International Conventions and protocols in regulating the affairs of carriage of goods by Sea and Multimodal Transport.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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33	SEM II (2019-2020)	010122215 - PP	T1523	Comparative Criminal Procedure	60	CO1	Understand the rules and Procedures of the different phases of the Criminal Procedure in India, China, France, US and Russia	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
33					60	CO2	Interpret the procedures of various countries to find out the advantages and disadvantages of the procedures in the criminal justice systems	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H
33					60	CO3	Understand the value and impact of Constitutional Law and Human Rights Law on criminal procedure in general.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
34	SEM II (2019-2020)	010122216 - PP	T1532	Health Law	60	CO1	To understand the foundational aspects of Health laws in India	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
34					60	CO2	To analyze the relevant laws, policies, judicial pronouncement, and reforms in the field in the context of ethics, human rights and Constitutional aspects	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
34					60	CO3	To appraise the functional reality of Health laws	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
35	SEM II (2019-2020)	010122217 - PP	T1552	Penology and Victimology	60	CO1	understand correctional practices, reforms, and their consequences as well as various theories of social control	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
35					60	CO2	Understand the various alternatives to punishment in order to achieve the goal of reformation.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
35					60	CO3	Analyze connection between the victims and the offenders.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
35					60	CO4	Apply the skills learnt during the course from practical dimensions.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
36	SEM II (2019-2020)	010122219 - PP	T1564	Copyright Law	60	CO1	be able to apply the theoretical knowledge to practical aspects of copyright law	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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36					60	CO2	be able to analyse the national framework, international framework and contemporary issues in copyright protection.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H
37	SEM II (2019-2020)	010122220 - PP	T1569	Information Technology law	60	CO1	Analyze the legal framework of Information Technology laws.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
37					60	CO2	Understand basic concepts under Information Technology Act, 2000 such as digital signature, electronic signature. Ecommerce, egovernance etc.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
37					60	CO3	Examine the impact of Information Technology Act, 2000 on the Society.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
37					60	CO4	Explain various definitions, taxation schemes and working of Information Technology Act, 2000.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
37					60	CO5	Analyze various offences under the Information Technology Act, 2000.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
38	SEM II (2019-2020)	010122221 - PP	T1573	Telecommunication Laws	60	CO1	Analyze the legal framework of Telecommunication laws in India.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
38					60	CO2	Understand Information Telegraph Act, 1885.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
38					60	CO3	Examine the impact of National Telecom Policies and Issues affecting Telecom Regulation in India.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
38					60	CO4	Analyze the working of Telecom Regulatory Authority of India TRAI.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
38					60	CO5	Understand the Telecom Dispute Settlement Mechanism in India.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
38					60	CO6	Analyze the licensing system of various telecommunication and broadcasting modules in India.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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39	SEM III (2018-2021)	010122301 - PP	T1339	Jurisprudence (Legal theory)	60	CO1	Understand the basics of the theories of Law and the skills of interpretation based on theories of law.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
39					60	CO2	Apply the theories of law and concepts identify various methods of Legal Reasoning and accurately deduce facts and apply legal principles	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
39					60	CO3	Appreciate and apply critical and analytical thinking and expand their lawyering and research skills with the help of problem solving method.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
40	SEM III (2018-2021)	010122302 - PP	T1151	Law of Evidence	60	CO1	Students will able to apply principles of evidence to the hypothetical and factual circumstances.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
40					60	CO2	Students will able to appreciate evidence and also able to conduct examination of witnesses in the law court once they join litigation.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
40					60	CO3	Students will able to gather evidences Oral / Documentary form.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
40					60	CO4	Students will able to find out lacunae in the existing system	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
41	SEM III (2018-2021)	010122303 - PP	T1078	Company law I	60	CO1	The students will be able to demonstrate thorough knowledge of the principles and practices of Company Law	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
41					60	CO2	The students will be able to file various forms for incorporation and registration of companies.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
42	SEM III (2018-2021)	010122304 - PP	T1002	Constitutional Law II	60	CO1	To correlate the different provisions of the Constitution and comprehend how the Government functions	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
42					60	CO2	To explain the functioning of each organ of the Government independently and linking one to the other	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H

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42					60	CO3	To question the shortcomings/defects/lack of procedure in relation to Contemporary government policies	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
42					60	CO4	To illustrate the role of judiciary as a moderator and adjudicator for the disputes between the government and the citizens and the inter-governmental disputes.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
43	SEM III (2018-2021)	010122305 - PP	T1372	Labour and Industrial Law I	60	CO1	understand in theoretical and jurisprudential foundation for a complete understanding about labour laws.	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H
43					60	CO2	understand general principles of labour and industrial laws in the light of the development and legislations, socio-economic scenario and human rights values to be enshrined in labour legislations.	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H
43					60	CO3	examine perspective methods of Labor disputes and welfare than by means of adjudication.	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H
43					60	CO4	understand how labor in different sectors are bound by different regulations	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H
43					60	CO5	apply the knowledge gained to real problem scenarios	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H
43					60	CO6	Identify the gaps in the law and provide suggestions for further research.	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H
44	SEM III (2018-2021)	010122306 - PP	T1341	Legal Skills V (ADR)	60	CO1	Analyze the advantages and disadvantages of alternate dispute resolution methods.	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
44					60	CO2	Distinguish between the types of alternate dispute resolution methods.	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
44					60	CO3	Analyze the process and proceedings of ADR.	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H

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45	SEM III (2018-2021)	010122307 - PP	T1354	Contemporary Lawyering (Yoga, Meditation, Self-Learning, Justice and Healing)	60	CO1	Learner will be able to lead a healthy and peaceful life after going through the practices of Yoga and Meditation.	-	-	Moderate-M	-	-	-	-	Moderate-M	-
45					60	CO2	The learner will be able to incorporate ethics and values while leading a personal and professional life.	-	-	Moderate-M	-	-	-	-	Moderate-M	-
45					60	CO3	The learner will be able to develop the feeling of self-contemplation.	-	-	Moderate-M	-	-	-	-	Moderate-M	-
45					60	CO4	The learner will be able to understand the need of social justice lawyering.	-	-	Moderate-M	-	-	-	-	Moderate-M	-
46	SEM III (2018-2021)	010122308 - PP	T1003	Administrative Law	60	CO1	to understand the wider dimensions of the administrative law, stressing links with public administration and politics.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	-	Strong-H	Strong-H	Strong-H
46					60	CO2	understand and critically evaluate the process, principles and laws followed while exercising administrative, legislative and judicial powers by the administrative authorities.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	-	Strong-H	Strong-H	Strong-H
46					60	CO3	learn the functions of law in the administrative process and the controls on powers of administrative authorities.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	-	Strong-H	Strong-H	Strong-H
46					60	CO4	apply administrative law principles to complex legal problems and critique the operation of administrative law from a theoretical and practical perspective.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	-	Strong-H	Strong-H	Strong-H
46					60	CO5	understand and analyse alternative dispute resolution, including public inquiries and ombudsmen.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	-	Strong-H	Strong-H	Strong-H
47	SEM III (2018-2021)	010122309 - PP	T1343	Forensic Science	60	CO1	Students will understand the importance of forensic science in legal field	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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47					60	CO2	Students will be able to elaborate the role of different forensic science expert in administration of justice	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
47					60	CO3	Students will connect be able to link the forensic law principles with admissibility of expert witness under law of evidence.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
47					60	CO4	Students will be able to evaluate the importance and relevance of forensics in solving offences	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
47					60	CO5	Apply the skills to issues and problems	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
48	SEM III (2018-2021)	010122311 - PP	T1311	Merger and Acquisitions	60	CO1	Students will be able understand the process of MandA and will be able to develop skills in analyzing real world MandA cases	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
48					60	CO2	Students will be able to demonstrate competency in analyzing risks associated with acquisition process	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
48					60	CO3	Students will be able to evaluate laws regulating MandA in India.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
48					60	CO4	Students will be able to appraise the various issues relating to treatment of IPR in MandA	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
48					60	CO5	Students will be able to describe major elements of the acquisition process with special reference to financing decisions, taxation implications, restructuring options, cross-border acquisitions, and regulatory intervention.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
48					60	CO6	Students will be able to apply competition law in respect to MandA in India	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
49	SEM III (2018-2021)	010122312 - PP	T1313	Insurance Law	60	CO1	Knowledge of conceptual and operational aspects of Insurance Law Principles	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
49					60	CO2	To analyse legal provisions and apply legal principles established through statute, precedent and customs in Insurance Law to real life cases.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
49					60	CO3	To draft clauses which can be incorporated into Insurance policies, recognising different kinds of policies, insurance covers, requisite documentation and other legal procedures.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
49					60	CO4	To evaluate legal principles applicable to insurance contracts in India, in comparison with international principles and practices.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
50	SEM III (2018-2021)	010122313 - PP	T1326	Competition Law	60	CO1	The students shall be able to asses and analyze anti-competitive practices in the light of the legislative provisions and case laws	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
50					60	CO2	The students shall be able to apply the legislative provisions to the procedurals aspects of competition law	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
50					60	CO3	The students will be able to identify and infer the lacunas in the existing provisions relating to competition law which requiring further changes.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
50					60	CO4	The student will be able to analyze instances of abuse of dominance by undertakings.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
51	SEM III (2018-2021)	010122314 - PP	T1316	Investment Law	60	CO1	Identify the legal provisions and principles applicable in Investment and Securities law to a real life situation.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
51					60	CO2	Evaluate and analyse corporate practices and the emphasis on ethics and human rights values	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
51					60	CO3	Evaluate and criticize the regulatory principles governing issuance and management of securities	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
51					60	CO4	Apply regulatory principles to real life fact situation regarding issuance and management of securities for investment	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Strong-H	Moderate-M
52	SEM III (2018-2021)	010122315 - PP	T1319	Bankruptcy and Insolvency Law	60	CO1	understand prevailing laws and the latest amendments on bankruptcy and Insolvency law.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
52					60	CO2	Examine principal legal features of winding up in particular those relating to: a the winding up process; b the distribution of assets of an insolvent company; c assets available for distribution; d pre-liquidation transactions potentially challengeable on insolvency.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
52					60	CO3	identify issues and arguments arising in the areas of corporate insolvency law considered in the course and identify and apply relevant legal rules to those issues.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
52					60	CO4	assess problems created by Non-Performing AssetsNPA and how the law deals with it.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
52					60	CO5	Evaluates the action of the government in making amendments to overcome ambiguities and problems created by the Act.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
52					60	CO6	Appraise the law in the light of ethical moral, and socio economic aspects.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
53	SEM III (2018-2021)	010122316 - PP	T1369	Trademark Law	60	CO1	Advanced level, legal skills in interpreting and applying the legal framework relating Trademarks under Intellectual Property Rights	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
53					60	CO2	Comprehension of complex contemporary dimensions of domain through comparative cognition of internal perspective of Trademark under Intellectual Property Rights Regime	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
54	SEM III (2018-2021)	010122317 - PP	T1370	Design Law and Protection of Semi-Conductors Layout Design	60	CO1	Examine the evolution of Industrial Design Law	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
54					60	CO2	Analyze the legal provisions of Indian Design Act, 2000	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
54					60	CO3	Analyze the legal provisions of Semiconductor Integrated Circuits Layout Designs Act, 2000	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
54					60	CO4	Examine the Interdisciplinary aspects of Industrial Design	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
54					60	CO5	Identify the Practical Aspects in Industrial Design Law	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
55	SEM III (2018-2021)	010122318 - PP	T1364	Farmers and Breeders Rights	60	CO1	Advanced level, legal skills in distinguishing the understanding of Farmers and Breeders Rights under Intellectual Property Rights Regime.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
55					60	CO2	Ability to analyze and interpret Farmers and Breeders Rights under Intellectual Property Rights Regime, in pursuance of respect to diversity, human rights, human dignity, and ethics, the same being implicit in the international perspective on Rights of Farmers and Breeders under Intellectual Property Rights Regime	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
56	SEM III (2018-2021)	010122319 - PP	T1304	Marine and Shipping Law	60	CO1	To acquire and develop the knowledge in International Maritime Law.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
56					60	CO2	To acquire and develop the knowledge of maritime laws	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
56					60	CO3	To analyse the law in the context of proliferation of International trade and its importance in the economic ramification	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
56					60	CO4	To study marine environment laws and practices	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
57	SEM III (2018-2021)	010122320 - PP	T1307	Private international law	60	CO1	gain knowledge of the basic principles and legal rules of Private International Law	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
57					60	CO2	analyse and evaluate the issues of jurisdiction	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
57					60	CO3	analyse three persistent issues in private international law: jurisdiction; choice of law and the recognition and enforcement of foreign judgments.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
57					60	CO4	to apply the concepts in case of problems relating to Contracts, Torts and family law matters.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
58	SEM III (2018-2021)	010122321 - PP	T1315	General Agreement on Tariff and trade	60	CO1	To the International Trading system.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
58					60	CO2	It aims at enhancing the understanding of the students to the GATT law and its role in regulation of international trade with its linkages to WTO.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-	Strong-H	-	Strong-H
59	SEM III (2018-2021)	010122322 - PP	T1297	International Criminal Law	60	CO1	To Understand the theoretical assumptions of core international crimes and critical approaches to international criminal law.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Strong-H	-	Strong-H
59					60	CO2	To analyse the relationship between national and international jurisdiction for the prosecutions of international crimes.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Strong-H	-	Strong-H

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59					60	CO3	To understand the basic workings of international criminal tribunals, in particular the permanent International Criminal Court.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Strong-H	-	Strong-H
59					60	CO4	To understand the basic provisions of the procedural and evidentiary systems and the main problems of international criminal investigation.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Strong-H	-	Strong-H
60	SEM III (2018-2021)	010122323 - PP	T1328	Gender Justice and Feminist Jurisprudence	60	CO1	Capacity to identify difference between sex, gender and sexual orientation	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
60					60	CO2	Skill to recognize the interplay of law, sexuality and patriarchy in the law reform projects	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
60					60	CO3	Ability to explain functioning of legal provisions and judicial responses from the perspectives of the deprived and powerless groups in society	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
60					60	CO4	Capacity to identify the problems of gender in sectors which are considered to be gender neutral so far	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
60					60	CO5	Skill to criticize the policy making from the gender perspective	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
61	SEM III (2018-2021)	010122324 - PP	T1365	Energy Law	60	CO1	Students will be able to understand specific sectoral legal issues and the nature of energy business via visiting the legislations under the Electricity Act.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
61					60	CO2	Students will be able to appreciate the critical legal issues relating to energy, environment and society. Students will be able to map various laws and policies relating to energy sector which can help in achieving a sustainable economy.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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61					60	CO3	The students will be able to understand the processes; statutory, administrative and judicial in the interpretation of the laws and regulations governing the sector via the study of role, powers and functions of the regulatory bodies that govern the Energy Sector.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
62	SEM III (2018-2021)	010122325 - PP	T1318	Manufacturing Law	60	CO1	To understand the foundation of Manufacturing laws to undertake advanced courses in the field	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
62					60	CO2	To analyze law in the context of Constitutional law, Values, ethics and human rights	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
62					60	CO3	To analyze laws and policies in context and be able to evaluate the regulatory problems faced by the manufacturing industry.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
63	SEM III (2018-2021)	010122326 - PP	T1317	Financial and Systemic Fraud	60	CO1	student will be able to understand issues and challenges towards financial fraud and the systems.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
63					60	CO2	be able to frame the preventive and remedial standard operating processes, practices and policy framing.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
63					60	CO3	to know the criminological theories which apply to these kinds of crimes and criminals.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
63					60	CO4	be able to evaluate the control of financial frauds in the backdrop of ethics, morals and values and its economic impact.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
63					60	CO5	be able to analyse financial frauds in its various forms in the light of socio economic and political scenario.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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64	SEM IV (2018-2021)	010122401 - PP	T1045	Public International Law	60	CO1	To better understand the International Order.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
64					60	CO2	To have thorough knowledge about the working of the International Organizations and Specialized agencies.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
64					60	CO3	To have gained comprehensive command on the theories of International Law.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
64					60	CO4	To have better awareness and consciousness about the working of the International Criminal Court.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H
65	SEM IV (2018-2021)	010122402 - PP	T1080	Principles of Taxation Law	60	CO1	understand the theoretical concepts of taxation, direct and indirect tax laws.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
65					60	CO2	analyse the constitutional principles and provisions of taxation laws in India.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
65					60	CO3	understand the principles, provisions and procedures under the Income Tax law of India.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
65					60	CO4	apply the learning to real life tax computations relating to sources of income and file individual Income Tax Return.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
65					60	CO5	analyse the concepts and issues of international taxation and transfer pricing	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
66	SEM IV (2018-2021)	010122403 - PP	T1079	Company Law II	60	CO1	The students will be able to demonstrate knowledge of law in relation to structure, function and role of corporate management.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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66					60	CO2	The students will be able to apply, interpret, analyse, the company law provisions relating to corporate governance, corporate democracy, restructuring, reorganising, mergers, amalgamation of corporations and winding up especially in the light of Insolvency and Bankruptcy Code.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
66					60	CO3	The students will be able to analyse the growing ambit of Company law and the rules framed under it in the light corporate abuse in national and international context.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
67	SEM IV (2018-2021)	010122404 - PP	T1342	Legal Skills VI (Advocacy, Simulation, Client Counselling)	60	CO1	Understand the core skills needed for effective law practice and emphasizes the skills they will need in the early years of practice	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H
67					60	CO2	Identify and enhance the fundamental skills that all lawyers need regardless of practice setting	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H
67					60	CO3	Draft effective legal documents, construct analytical arguments etc	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H
67					60	CO4	Critically evaluate arguments in terms of the strength of evidence and reasoning	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H
68	SEM IV (2018-2021)	010122405 - PP	T1373	Labour and Industrial Law II	60	CO1	Demonstrate and be familiar with the major rules and principles governing the areas of labour and industrial laws.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
68					60	CO2	Critically analyze the various legislations governing industrial relations, employee security, dispute resolution, prevention of sexual harassment etc.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H

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68					60	CO3	Contribute to the development of the principles of labour laws sensitization in the light of the development and legislations, ethics, values and human rights to be implemented by corporations	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
68					60	CO4	Test the acquired knowledge and practical know how by visit to trade union office, Employee state insurance corporation, Pune Municipal Corporation, including future cases involving disputes.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
68					60	CO5	To acquaint the students with comparative and international perspectives with a view to bringing out the essential awareness of the national and international systems emerging at the present context.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
69	SEM IV (2018-2021)	010122406 - PP	T1557	Professional Ethics and Professional Accounting System (Clinical Course III)	60	CO1	The students will be able to identify situations of professional dilemmas	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
69					60	CO2	Recall and explain the principles of professional ethics	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
69					60	CO3	Take appropriate decisions when faced with any dilemma of professional ethics.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
69					60	CO4	Be trained in the bar and bench relations.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
69					60	CO5	Apply the basic principles of professional accountancy.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
70	SEM IV (2018-2021)	010122407 - PP	T1330	Drafting, Pleading and Conveyance (Clinical Course I)	60	CO1	The student will be able to apply the skills and values relating to drafting of legal documents.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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70					60	CO2	The students will be conversant in the skills of drafting, pleading and conveyancing through practice and orientation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
70					60	CO3	The students will be applying the learning contents exposed through sample templates, specimens, experts standard practice as provided and facilitated by the course instructor.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
71	SEM IV (2018-2021)	010122408 - PP	T1905	Internship	60	CO1	To acquaint students to lawyering skills and provide practical aspect of law. To expose students to the procedural aspects of law.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
71					60	CO2	To expose students to the procedural aspects of law.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
72	SEM IV (2018-2021)	010122409 - PP	T1321	Transfer Pricing Law	60	CO1	analyze, understand, and evaluate divisional structures (vertical, horizontal, and conglomerate) of business enterprises developed through expansion or merger	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
72					60	CO2	analyse transfer pricing of goods and services exchanged among divisional structures of business enterprises can assist the enterprise in internal resource planning, coordination for profit maximization, tax avoidance, exchange risk reduction in multinational corporations, and other goals of the firm	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
72					60	CO3	understand the various methods of determining transfer prices and the circumstances under which the various methods are optimal	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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72					60	CO4	understand the effect of different tax regimes on transfer pricing in different jurisdictions and with different socio economic and political conditions	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
73	SEM IV (2018-2021)	010122410 - PP	T1320	Cross Boarder Investment Law	60	CO1	Demonstrate in-depth understanding of the principles governing cross-border investment	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
73					60	CO2	Assess the contribution international arbitral tribunals in development of cross border investment law	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H
74	SEM IV (2018-2021)	010122411 - PP	T1322	Start-up and Entrepreneurship Law	60	CO1	To develop an understanding of the legal issues involved in starting an entrepreneurial venture with a focus on areas often overlooked or misunderstood by first-time founders	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
74					60	CO2	To explore key areas including legal structure and choice of entity including tax implications thereof corporate maintenance, governance and fiduciary duties capitalization and dilution capital raising and the related securities laws and regulations, founder relationship issues including responsibility allocation and stockholder agreements employee and consultant engagement equity compensation and related valuation and tax issues intellectual property protection and prosecution licensing ag	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
75	SEM IV (2018-2021)	010122412 - PP	T1301	UNCITRAL Model Codes	60	CO1	Identify the development of UNCITRAL Laws and be able to ascertain its contribution in International Trading Regime.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H

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75					60	CO2	describe working of UNCITRAL under the ages of UNO.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H
75					60	CO3	analyze and critically appreciate provisions relating to International Sale of Goods and related transaction, transport of Goods, public procurement and issues in International trade such as International payments and electronic commerce.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H
75					60	CO4	access, apply and use acquired knowledge in solving contemporary problems of theoretical and practical nature.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
76	SEM IV (2018-2021)	010122413 - PP	T1360	Trade in Intellectual property	60	CO1	analyse the relation between trade and different types of IPR	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
76					60	CO2	analyse the trade related, economic and international perspectives of IP	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
76					60	CO3	distinguish between the several modes of commercialization of IP	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
76					60	CO4	compare between the modes of enforcement of IP	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
77	SEM IV (2018-2021)	010122414 - PP	T1363	IPR Management	60	CO1	The student will be able to comprehend the economic significance of Intellectual Property Rights and its management.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Strong-H	Moderate-M
77					60	CO2	The student will be able to relate the IP Law to the practical aspects of business management.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
78	SEM IV (2018-2021)	010122415 - PP	T1411	Biotechnology and Legal Regulation	60	CO1	To provide an overview of Biotechnology, its evolution and development.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
78					60	CO2	To understand the legal regulation in Biotechnology pertaining to innovation, IPR, research and industrial growth	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H

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78					60	CO3	To provide the knowledge and skills in identifying and enhancing the role of legal regulations in this frontier technology in the national and transnational context.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
79	SEM IV (2018-2021)	010122416 - PP	T1295	Humanitarian and Refugee Law	60	CO1	Understand the basic legal concepts and norms of International Humanitarian and Refugee Law. the rights and responsibilities of different actors in the contemporary international refugee regime.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
79					60	CO2	Critically analyse the role of international, regional and national institution in humanitarian and refugee crisis.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H
79					60	CO3	Spot the inadequacies and issues in application of the laws, and solve the legal problem persons in armed conflicts and refugee crisis.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
80	SEM IV (2018-2021)	010122417 - PP	T1362	Air and Space Law	60	CO1	Analyse the fundamentals of legal regime of air and space laws.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
80					60	CO2	Explain the crucial issues leading to air and space laws.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
80					60	CO3	Analyse the important issues on recent developments in outer space and its legality will be correctly ascertained.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
80					60	CO4	Analyze the need for air and outer space laws in India	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
81	SEM IV (2018-2021)	010122418 - PP	T1300	Trade and Services in Emigration	60	CO1	The students is expected to clarify the various examples, theories as well as problems associated with migration at the international level.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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81					60	CO2	The students are expected to demonstrate how the state control over its migrants, theories of citizenship, international economic theories of migration and various laws and Acts pertaining to migration under the International Law.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Weak-L	Strong-H	Strong-H
81					60	CO3	The students should understand and be able to explain the meaning of emigration, relation to international trade, international treaties and conventions related to migration with special emphasis to India, and its key issues.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Weak-L	Strong-H	Strong-H
81					60	CO4	The student be able to analyze the relationship between International Trade and migration, trade agreements and immigration, movement of people under International law and trade agreements.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Weak-L	Strong-H	Strong-H
81					60	CO5	The students will be able to compare several international organization like ILO, IOM and their conventions involved in the process of migration.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Weak-L	Strong-H	Strong-H
81					60	CO6	The student should be able to tell the role of the international organization, in terms of principles, objective and structure and conventions.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Weak-L	Strong-H	Strong-H
81					60	CO7	The student should be able to identify the key problems associated with international terrorism, migration and environmental hazards.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H
82	SEM IV (2018-2021)	010122419 - PP	T1347	Law of Injunction	60	CO1	Analyze the meaning and nature of Injunction.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
82					60	CO2	Distinguish between the types of injunctions.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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82					60	CO3	Analyze the law and procedure relating to injunction.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
83	SEM IV (2018-2021)	010122420 - PP	T1324	Goods and Services Tax (GST) Law	60	CO1	possess comprehensive knowledge of the constitutional provisions relating to Goods and Service Tax Law	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
83					60	CO2	be able to understand the principles and legal provisions of Goods and Service tax law	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
83					60	CO3	be able to apply the Goods and Service Tax Law to practical situations and file GST returns	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
83					60	CO4	be able to analyse the implementation of Goods and Service Law of the country	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
84	SEM IV (2018-2021)	010122421 - PP	T1333	Prevention of Corruption Laws	60	CO1	Students will understand the prosecution system in relation to charges of corrupt activities	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Strong-H	Moderate-M
84					60	CO2	Students will analyze the national, global and international initiative towards curbing corruption	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Strong-H	Moderate-M
84					60	CO3	Students will be able to analyze laws in relation to corruption in the light of ethics, values and human rights perspective in national and international arena	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Strong-H	Moderate-M
85	SEM IV (2018-2021)	010122422 - PP	T1323	Law of Infrastructure Development	60	CO1	The students will possess a comprehensive knowledge of the Law of Infrastructure Development in constitutional and general legal aspects.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
85					60	CO2	The students will be able to analyze the importance of independent regulator in infrastructure contracts	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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85					60	CO3	The students will be able to understand and classify types of infrastructure contracts	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
85					60	CO4	The students will be able to analyze execution and enforcement of infrastructure contracts.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
85					60	CO5	The students will be able to appraise sectoral issues relating to laws , policies and reforms in specific infrastructure sectors such as power, road, telecommunications and airways.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Strong-H	Moderate-M
85					60	CO6	The students will be able to critique the practical implementation of Law of Infrastructure Development in India as well as in an international perspective.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
86	SEM V (2017-2020)	010122501 - PP	T1372	Labour and Industrial Law I	60	CO1	understand in theoretical and jurisprudential foundation for a complete understanding about labour laws.	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	-	Moderate-M	Strong-H	Strong-H
86					60	CO2	understand general principles of labour and industrial laws in the light of the development and legislations, socio-economic scenario and human rights values to be enshrined in labour legislations.	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	-	Moderate-M	Strong-H	Strong-H
86					60	CO3	examine perspective methods of Labor disputes and welfare than by means of adjudication.	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	-	Moderate-M	Strong-H	Strong-H
86					60	CO4	understand how labor in different sectors are bound by different regulations	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	-	Moderate-M	Strong-H	Strong-H
86					60	CO5	apply the knowledge gained to real problem scenarios	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	-	Moderate-M	Strong-H	Strong-H
86					60	CO6	Identify the gaps in the law and provide suggestions for further research.	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	-	Strong-H	Strong-H	Strong-H

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87	SEM V (2017-2020)	010122502 - PP	T1374	Professional Ethics and Professional Accounting System (Clinical Course III)	60	CO1	The students will be able to identify situations of professional dilemmas	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
87					60	CO2	Recall and explain the principles of professional ethics	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
87					60	CO3	Take appropriate decisions when faced with any dilemma of professional ethics.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
87					60	CO4	Be trained in the bar and bench relations.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
87					60	CO5	Apply the basic principles of professional accountancy.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
88	SEM V (2017-2020)	010122503 - PP	T1330	Drafting, Pleading and Conveyance (Clinical Course I)	60	CO1	The student will be able to apply the skills and values relating to drafting of legal documents.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
88					60	CO2	The students will be conversant in the skills of drafting, pleading and conveyancing through practice and orientation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
88					60	CO3	The students will be applying the learning contents exposed through sample templates, specimens, experts standard practice as provided and facilitated by the course instructor.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
89	SEM V (2017-2020)	010122504 - PP	T1331	Alternative Dispute Resolution (Clinical Course II)	60	CO1	Know the modalities and techniques of dispute resolution to act as soldiers of justice in the ever-changing socio-economic scenario.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H
89					60	CO2	have insight into the processes of Arbitration and other forms of ADRS like Conciliation and Mediation.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H
89					60	CO3	be able to use both written and oral communication skills in simulated scenarios	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H

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89					60	CO4	be able to analyse practical impact of legal rules and practices and have understanding of the broader social, economic and political context in which law is, and could be, used or applied	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H
89					60	CO5	be well versed in the national and international systems emerging at the present context in dispute resolution.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H
90	SEM V (2017-2020)	010122505 - PP	T1346	Comparative Criminal Procedure	60	CO1	Understand the rules and Procedures of the different phases of the Criminal Procedure in India, China, France, US and Russia.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
90					60	CO2	Interpret the procedures of various countries to find out the advantages and disadvantages of the procedures in the criminal justice systems	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
90					60	CO3	Understand the value and impact of Constitutional Law and Human Rights Law on criminal procedure in general.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
91	SEM V (2017-2020)	010122506 - PP	T1299	Comparative Constitution	60	CO1	The students will be able to comprehend and correlate the text of constitution of different political systems with judicial decisions, scientific works	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
91					60	CO2	The students will be able to understand the principles of Constitutionalism and the contextual application mechanisms	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
91					60	CO3	The students will be able to critically analyse the functions of the Executive, Legislature and Judiciary as well as the Constitutional and political equation and framework governing their exercise of Power	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M

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91					60	CO4	The students will be able to develop the skill set for further research and enquiry	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
92	SEM V (2017-2020)	010122507 - PP	T1316	Investment Law	60	CO1	Identify the legal provisions and principles applicable in Investment and Securities law to a real life situation.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
92					60	CO2	Evaluate and analyse corporate practices and the emphasis on ethics and human rights values	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M
92					60	CO3	Evaluate and criticize the regulatory principles governing issuance and management of securities	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M
92					60	CO4	Apply regulatory principles to real life fact situation regarding issuance and management of securities for investment	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M
93	SEM V (2017-2020)	010122508 - PP	T1300	Trade and Services in Emigration	60	CO1	The students is expected to clarifythe various examples, theories as well as problems associated with migration at the international level.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
93					60	CO2	The students are expected to demonstrate how the state control over its migrants, theories of citizenship, international economic theories of migration andvarious laws and Actspertaining to migration under the International Law.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
93					60	CO3	The students should understand and be able to explain the meaning of emigration, relation to international trade, international treaties and conventions related to migration with special emphasis to India, and its key issues.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H

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93					60	CO4	The student be able to analyze the relationship between International Trade and migration, trade agreements and immigration, movement of people under International law and trade agreements.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
93					60	CO5	The students will be able to compare several international organization like ILO, IOM and their conventions involved in the process of migration.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
93					60	CO6	The student should be able to tell the role of the international organization, in terms of principles, objective and structure and conventions.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
93					60	CO7	The student should able to identify the key problems associated with international terrorism, migration and environmental hazards.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
94	SEM V (2017-2020)	010122509 - PP	T1304	Marine and Shipping Law	60	CO1	To acquire and develop the knowledge in International Maritime Law.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
94					60	CO2	To acquire and develop the knowledge of maritime laws	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
94					60	CO3	To analyse the law in the context of proliferation of International trade and its importance in the economic ramification	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
94					60	CO4	To study marine environment laws and practices	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
95	SEM V (2017-2020)	010122510 - PP	T1321	Transfer Pricing Law	60	CO1	analyze, understand, and evaluate divisional structures (vertical, horizontal, and conglomerate) of business enterprises developed through expansion or merger	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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95					60	CO2	analyse transfer pricing of goods and services exchanged among divisional structures of business enterprises can assist the enterprise in internal resource planning, coordination for profit maximization, tax avoidance, exchange risk reduction in multinational corporations, and other goals of the firm	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
95					60	CO3	understand the various methods of determining transfer prices and the circumstances under which the various methods are optimal	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
95					60	CO4	understand the effect of different tax regimes on transfer pricing in different jurisdictions and with different socio economic and political conditions	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
96	SEM V (2017-2020)	010122511 - PP	T1318	Manufacturing Law	60	CO1	To understand the foundation of Manufacturing laws to undertake advanced courses in the field	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
96					60	CO2	To analyze law in the context of Constitutional law, Values, ethics and human rights	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
96					60	CO3	To analyze laws and policies in context and be able to evaluate the regulatory problems faced by the manufacturing industry.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
97	SEM V (2017-2020)	010122512 - PP	T1319	Bankruptcy and Insolvency Law	60	CO1	understand prevailing laws and the latest amendments on bankruptcy and Insolvency law.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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97					60	CO2	Examine principal legal features of winding up in particular those relating to the winding up process the distribution of assets of an insolvent company assets available for distributionpre-liquidation transactions potentially challengeable on insolvency.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
97					60	CO3	identify issues and arguments arising in the areas of corporate insolvency law considered in the course and identify and apply relevant legal rules to those issues.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
97					60	CO4	assess problems created by Non-Performing Assets NPA and how the law deals with it.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
97					60	CO5	Evaluates the action of the government in making amendments to overcome ambiguities and problems created by the Act.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
97					60	CO6	Appraise the law in the light of ethical moral, and socio economic aspects.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
98	SEM V (2017-2020)	010122513 - PP	T1320	Cross Boarder Investment Law	60	CO1	Demonstrate in-depth understanding of the principles governing cross-border investment	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
98					60	CO2	Assess the contribution international arbitral tribunals in development of cross border investment law	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H
99	SEM V (2017-2020)	010122514 - PP	T1333	Prevention of Corruption Laws	60	CO1	Students will understand the prosecution system in relation to charges of corrupt activities	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Strong-H	Moderate-M
99					60	CO2	Students will analyze the national, global and international initiative towards curbing corruption	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Strong-H	Moderate-M

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99					60	CO3	Students will be able to analyze laws in relation to corruption in the light of ethics, values and human rights perspective in national and international arena	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Strong-H	Moderate-M
100	SEM VI (2017-2020)	010122601 - PP	T1332	Moot Court Exercise and Internship (Clinical Course IV)	60	CO1	Understand not only the application of law in practice, but also the citation of relevant rulings and the art of convincing the judges.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
100					60	CO2	Be able to prepare the case for achieving success as a lawyer and further the student will be able to present the case and come out with a clear statement of points in controversy.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
100					60	CO3	Be able to understand working of the Civil Case and Criminal Case proceedings.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
100					60	CO4	Be able to deal with the client and collect the relevant information.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
100					60	CO5	Be in position to understand the nature of the case, issues involved in the case using interview technique.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
100					60	CO6	Be able to understand and apply formats of memorial and other documents in the court practice.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
100					60	CO7	Be able to prepare memorial and other documents required for court proceedings.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
101	SEM VI (2017-2020)	010122602 - PP	T1806	Projects and Presentations	60	CO1	To inculcate research skills in students	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
101					60	CO2	To apply law in context.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
102	SEM VI (2017-2020)	010122603 - PP	T1373	Labour and Industrial Laws II	60	CO1	Demonstrate and be familiar with the major rules and principles governing the areas of labour and industrial laws.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
102					60	CO2	Critically analyze the various legislations governing industrial relations, employee security, dispute resolution, prevention of sexual harassment etc.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
102					60	CO3	Contribute to the development of the principles of labour laws sensitization in the light of the development and legislations, ethics, values and human rights to be implemented by corporations	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
102					60	CO4	Test the acquired knowledge and practical know how by visit to trade union office, Employee state insurance corporation, Pune Municipal Corporation, including future cases involving disputes.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
102					60	CO5	To acquaint the students with comparative and international perspectives with a view to bringing out the essential awareness of the national and international systems emerging at the present context.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H
103	SEM VI (2017-2020)	010122604 - PP	T1301	UNCITRAL Model Codes	60	CO1	Identify the development of UNCITRAL Laws and be able to ascertain its contribution in International Trading Regime.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H
103					60	CO2	describe working of UNCITRAL under the ages of UNO.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H
103					60	CO3	analyze and critically appreciate provisions relating to International Sale of Goods and related transaction, transport of Goods, public procurement and issues in International trade such as International payments and electronic commerce.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
103					60	CO4	access, apply and use acquired knowledge in solving contemporary problems of theoretical and practical nature.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
104	SEM VI (2017-2020)	010122605 - PP	T1363	IPR Management	60	CO1	The student will be able to comprehend the economic significance of Intellectual Property Rights and its management.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Strong-H	Moderate-M
104					60	CO2	The student will be able to relate the IP Law to the practical aspects of business management.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
105	SEM VI (2017-2020)	010122606 - PP	T1364	Farmers and Breeders Rights	60	CO1	Advanced level, legal skills in distinguishing the understanding of Farmers and Breeders Rights under Intellectual Property Rights Regime.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
105					60	CO2	Ability to analyze and interpret Farmers and Breeders Rights under Intellectual Property Rights Regime, in pursuance of respect to diversity, human rights, human dignity, and ethics, the same being implicit in the international perspective on Rights of Farmers and Breeders under Intellectual Property Rights Regime	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
106	SEM VI (2017-2020)	010122607 - PP	T1322	Start-up and Entrepreneurship Law	60	CO1	To develop an understanding of the legal issues involved in starting an entrepreneurial venture with a focus on areas often overlooked or misunderstood by first-time founders	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
106					60	CO2	To explore key areas including: legal structure and choice of entity, including tax implications thereof; corporate maintenance, governance and fiduciary duties; capitalization and dilution; capital raising and the related securities laws and regulations, founder relationship issues including responsibility allocation and stockholder agreements employee and consultant engagement; equity compensation and related valuation and tax issues; intellectual property protection and prosecution; licensing	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
107	SEM VI (2017-2020)	010122608 - PP	T1323	Law of Infrastructure Development	60	CO1	The students will possess a comprehensive knowledge of the Law of Infrastructure Development in constitutional and general legal aspects.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
107					60	CO2	The students will be able to analyze the importance of independent regulator in infrastructure contracts	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
107					60	CO3	The students will be able to understand and classify types of infrastructure contracts	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
107					60	CO4	The students will be able to analyze execution and enforcement of infrastructure contracts.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
107					60	CO5	The students will be able to appraise sectoral issues relating to laws , policies and reforms in specific infrastructure sectors such as power, road, telecommunications and airways.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
107					60	CO6	The students will be able to critique the practical implementation of Law of Infrastructure Development in India as well as in an international perspective.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
108	SEM VI (2017-2020)	010122609 - PP	T1317	Financial and Systemic Fraud	60	CO1	student will be able to understand issues and challenges towards financial fraud and the systems.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
108					60	CO2	be able to frame the preventive and remedial standard operating processes, practices and policy framing.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
108					60	CO3	to know the criminological theories which apply to these kinds of crimes and criminals.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
108					60	CO4	be able to evaluate the control of financial frauds in the backdrop of ethics, morals and values and its economic impact.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
108					60	CO5	be able to analyse financial frauds in its various forms in the light of socio economic and political scenario.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Law School, Pune Programme Name : Bachelor of Art and Bachelor of Laws(Honours)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Student will be able to respond to governance, administration and human behaviour keeping in mind cultural sensibilities, diversity, gender sensitivity, environmental sustainability, comparative, transnational and global competencies after studying law in the particular context of humanities and social sciences.
2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	acquire legal knowledge from various disciplines and professions to equip them to perform various roles of a professional lawyer beyond the traditional role of litigation linking their domain knowledge to legal profession.

3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	get an edge over other peers to lead and shape social, public and corporate enterprises such as the State, Community organizations and Social Enterprises, become justice sentinels and justice crusaders.
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	gain hands on experience in legal knowledge , skills, ethics and values to be able to work in a fast changing India set in a de-globalizing world because of the course curriculum which will facilitate learning law in a profound way in response to contemporary developments.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	find, identify and interpret the law in a given situation.
6	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO6	resolve the legal problems with the correct application of law.
7	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO7	procure the IT skills to use the electronic resources to find the legal information.
8	GA1	Scholarship: research, inquiry and lifelong learning	PO8	improve cognitive skills, problem solving skills, analytical and independent critical thinking with enhanced research capabilities by using different pedagogical methods using collaborative online international learning.
9	GA2	Global citizenship: ethical, social and professional understanding	PO9	cultivate the ability to appreciate the role of lawyers in justice education in a globalising world sensitive to the needs of sustainability, poverty and vulnerability.
10	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO10	acquaint with the institutions of the legal systems including national, international and multiple aspects of dispute resolution, groomed in intellectual integrity, critical thinking, and be practice ready lawyers.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
1	SEM I (2019-2024)	010125101 - PP	T1470	Law of Contracts	60	CO1	Understand the development of the rules and principles of law of contracts.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
1					60	CO2	Identify the application of Contractual principles to actual issues and problems.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
1					60	CO3	Identify and explain appropriate remedies for breach of contractual obligations.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
1					60	CO4	To analyse the impact of social and commercial issues on the evolution and application of general principles of contract law.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
1					60	CO5	Draft contractual clauses efficiently.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
1					60	CO6	To explain and assess recent developments and current controversies in contract law.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
2	SEM I (2019-2024)	010125102 - PP	T6752	English	60	CO1	Discuss law within socio-cultural and historical context	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
2					60	CO2	Relate literature with law and understand literature as a cultural phenomenon and its relationship with law	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
3	SEM I (2019-2024)	010125103 - PP	T6758	History I: History of Law & Legal Institutions in Ancient & Medieval India	60	CO1	With the basic idea of the study of the History-I students will be able to gauge and distinguish the valid reasons for the distress of the present-day society.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
3					60	CO2	It will help them to study, analyze and find out the solutions of the present-day society in political, social, economical and most importantly legal spheres.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
3					60	CO3	Encourage the students to take up research activates to frame new laws for better living conditions.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
4	SEM I (2019-2024)	010125104 - PP	T6771	Sociology	60	CO1	develop an appreciation for the rich diversity within and between societies and related laws.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO2	Identify and experiment with the issues and challenges in implementation of law and strengthening law and order in Indian Society	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO3	develop a sociological imagination in appraising individual experiences in the context of broader social structures	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
5	SEM I (2019-2024)	010125105 - PP	T3246	Legal Database	60	CO1	Learner will be able to meet his present and anticipated needs.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
5					60	CO2	Learner will be able to enhance his research skills with technical tools like, legal databases, online legal journals etc.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H

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5					60	CO3	It will help to develop the advanced drafting and presentation skills through the help of technology.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
5					60	CO4	It will help to maintain and retain the legal research and information in soft form, for future references.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
6	SEM I (2019-2024)	010125106 - PP	T1460	Law of Torts including MV Accident and Consumer Protection Laws I	60	CO1	Explain the law of private rights and remedies which are not covered by statute.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
6					60	CO2	Display understanding of the operation of this branch of common law and its potential of expansion which governs actions for damages for injuries to certain kinds of rights, like the right to personal security, property and reputation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
6					60	CO3	Demonstrate application of the principles of Law of Torts in contemporary areas like Human Rights, Environmental Rights, and Intellectual Property Rights.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
6					60	CO4	Appraise the differing requirements which lead to civil liability for different torts against person and property.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
7	SEM I (2019-2024)	010125107 - PP	T1534	Indian Legal System, Legal Methods and Research Methods	60	CO1	Students will be able to build their understanding of other subjects on the basis of knowledge acquired here.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H
7					60	CO2	Students will be able to understand jurisprudential base and evolution of certain complex phenomenon.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H
7					60	CO3	Students will be able to make use of the research methodologies in publishing articles in known national and international journals.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H

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8	SEM I (2019-2024)	010125108 - PP	T1548	Legal Research Writing	60	CO1	understand the basic principles of legal research.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
8					60	CO2	formulate research plan.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
8					60	CO3	use the skills learnt as a tool for research in academics, as a lawyer, as a inhouse counsel, as a policy maker etc.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
8					60	CO4	use the methods of citation in research.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
9	SEM I (2019-2024)	010125109 - PP	T6761	Foundation of Ethics	60	CO1	develop a thoughtful and useful framework for understanding classical ethics	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L
9					60	CO2	become acquainted with several theoretical concepts pertaining to Philosophy	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L
9					60	CO3	understand issues relating to ethical dilemmas in every aspects of life	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L
9					60	CO4	interpret ethical values and relate to social context of problems	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L
9					60	CO5	understand the inter-relationship between law and ethics	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L
10	SEM II (2019-2024)	010125201 - PP	T1453	Constitutional Law I	60	CO1	To integrate the values the Constitution enshrines in the students.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
10					60	CO2	To link the application of fundamental rights in day-to-day life and identify the breach of fundamental rights.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
10					60	CO3	To apply the principles of fundamental rights through drafting of Writ Petitions, Public Interest Litigation or Representative Suits	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
10					60	CO4	To illustrate the importance of Fundamental Duties and the moral obligation of the citizens to comply with the same.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
10					60	CO5	To correlate the concept of Directive Principles of State Policy to Fundamental Rights	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
11	SEM II (2019-2024)	010125202 - PP	T1474	Special Contracts	60	CO1	Understand the legal rules and concepts governing the law of agency, bailment, indemnity, guarantee, sales of goods and partnership.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
11					60	CO2	Analysis and application of the principles of Contract law in commercial relationships of agency, bailment, indemnity, guarantee, sales of goods and partnership.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
12	SEM II (2019-2024)	010125203 - PP	T1479	Environmental Law	60	CO1	Provide an understanding and critical awareness of the foundational principles of the legal system relating to the protection of the environment in context	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
12					60	CO2	Identify and critically assess the framework of environmental law in national and international level in the context of ethics, values, human rights perspective and constitutional values	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
12					60	CO3	Explore the complex social, economic and political context in which environmental law exists.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
12					60	CO4	Understand the provisions related to Environmental protection under the general laws such as Law of Torts, Criminal Procedure Code, Constitution of India and Indian Penal Code; apart from covering the major legislations relating to Air Act, Water Act, Environment Protection Act, Public Liability Insurance Act, Indian Forest Act, Wildlife Protection act, NGT Act.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
12					60	CO5	Analyse environmental issues, debates and ideas that have been influencing the policies, laws and mind set of masses like the relationship of trade and environment, human rights and environment, environmental justice et al.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
13	SEM II (2019-2024)	010125204 - PP	T6753	English (Advanced)	60	CO1	Analyze and interpret law, philosophy, culture, and social change through the lens of literature	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
13					60	CO2	To objectively evaluate various literary pieces	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
13					60	CO3	Perceive human nature and its various dimensions	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
13					60	CO4	Improve their writing, critical thinking, and communication skills	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
13					60	CO5	Perceive the influences, nuances and content of literary works as it has shaped over the years.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
14	SEM II (2019-2024)	010125205 - PP	T6759	History II: History of Law & Legal Institutions in Medieval & Modern India	60	CO1	Students will be able to understand and analyze the process of transition period with the advent of Muslims in this country and also the British administration.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Moderate-M
14					60	CO2	Students will be able to examine the present-day society, its secular nature and understand the need for the communal harmony.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Moderate-M
14					60	CO3	The present study enables the students to conduct exhaustive research on the transition and development of the Indian society especially in the legal field.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Moderate-M
15	SEM II (2019-2024)	010125206 - PP	T6763	Political Science I	60	CO1	Illustrate a holistic understanding of political systems State in general	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L
15					60	CO2	understand, explain and summarize the various theoretical foundations of the state	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L

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18	SEM III (2018-2023)	010125301 - PP	T1339	Jurisprudence (Legal Theory)	60	CO1	Understand the basics of the theories of Law and the skills of interpretation based on theories of law.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
18					60	CO2	Apply the theories of law and concepts identify various methods of Legal Reasoning and accurately deduce facts and apply legal principles	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
18					60	CO3	Appreciate and apply critical and analytical thinking and expand their lawyering and research skills with the help of problem solving method.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
19	SEM III (2018-2023)	010125302 - PP	T1002	Constitutional Law II	60	CO1	To correlate the different provisions of the Constitution and comprehend how the Government functions	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
19					60	CO2	To explain the functioning of each organ of the Government independently and linking one to the other	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
19					60	CO3	To question the shortcomings/defects/lack of procedure in relation to Contemporary government policies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
19					60	CO4	To illustrate the role of judiciary as a moderator and adjudicator for the disputes between the government and the citizens and the inter-governmental disputes.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
20	SEM III (2018-2023)	010125303 - PP	T1031	Family Law I	60	CO1	explain, analyse and evaluate the legal rules, concepts and values governing and regulating intimate or domestic relationships.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
20					60	CO2	locate the development of the law, including the institutions and procedures, within a broader historical, demographic and social context.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H

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20					60	CO3	demonstrate knowledge of the requirements for valid marriage, civil partnership and divorce/dissolution of relationships and the underlying policy of the law in regulating personal relationships	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
20					60	CO4	explain and analyse critically the principles and operation of the law as regulator and study it in the context of constitutional rights, ethics and human rights.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
20					60	CO5	apply their knowledge to analyse complex legal questions and problems.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
21	SEM III (2018-2023)	010125304 - PP	T1144	Law of Crimes Paper I : Penal Code	60	CO1	Understand the legal principles governing liability for offences against the person and property offences	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Weak-L	Moderate-M	Weak-L
21					60	CO2	Analyze the principles governing criminal defenses	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Weak-L	Moderate-M	Weak-L
21					60	CO3	Interpret a set of facts in order to identify legal issues arising, providing reasoned arguments and conclusions as to the criminal offences which may have been committed and defenses which may be available	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
21					60	CO4	Identify strengths and weaknesses of areas of law in terms of underlying considerations of morality, principle and policy	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
21					60	CO5	Conduct legal research tasks using legal databases and the internet to locate primary and secondary sources relevant to criminal law.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
22	SEM III (2018-2023)	010125305 - PP	T6281	Political Science II	60	CO1	Utilize the knowledge of key thinkers and concepts in identifying and explaining political issues	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Moderate-M

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22					60	CO2	Make use of the key concepts of law, justice, rights, sovereignty, citizenship, democracy to identify or build new perspectives	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Moderate-M
22					60	CO3	identify and experiment with the various ideological traditions which form the basis of Indian constitutional philosophy	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Moderate-M
22					60	CO4	construct political concepts to analyze political theories and phenomena and contemporary issues	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Moderate-M
22					60	CO5	To identify and utilize the evolving dynamics of democracy while making use of the inter- related concepts and phenomena like sovereignty, civil society initiatives, global citizenship	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Moderate-M
23	SEM III (2018-2023)	010125306 - PP	T1149	Civil Procedure Code and Limitation Act I	60	CO1	Be able to understand the crucial importance of Civil Procedure Code and the Limitation Act in civil proceedings	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
23					60	CO2	Know the foundations on which civil litigations are based	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
23					60	CO3	Be able to understand the primary requirements of a civil proceeding	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
23					60	CO4	Know the necessary procedural sequence which must be followed in a civil litigation	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
23					60	CO5	Have knowledge of the differences between the appellate and revisional jurisdictions	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
23					60	CO6	Know the consequences of procedural faults and lacunae	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
23					60	CO7	Know the scope of the Limitation Act	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
24	SEM III (2018-2023)	010125307 - PP	T6165	Economics	60	CO1	To understand the fundamentals of Microeconomic and Macroeconomic principles	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Moderate-M

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30					60	CO3	Learner will be able to read and understand medium and difficulty level texts and solve questions on the basis of same.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
30					60	CO4	Will help to develop intercultural and communicative skills.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
31	SEM III (2018-2023)	010125315 - PP	T6397	Basic Hindi I	60	CO1	Learners will have the knowledge of basic Hindi Grammar.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
31					60	CO2	They will understand simple Hindi sentences.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
31					60	CO3	They will be able to translate simple Hindi passages.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
31					60	CO4	They will be able to speak in Hindi	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
31					60	CO5	They will be able to understand Hindi literature.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
32	SEM III (2018-2023)	010125316 - PP	T6399	Basic Marathi I	60	CO1	Learners will have the knowledge of basic Marathi Grammar.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
32					60	CO2	They will understand simple Marathi sentences.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
32					60	CO3	They will be able to translate simple Marathi passages.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
32					60	CO4	They will be able to speak in Marathi.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
32					60	CO5	They will be able to understand Marathi literature.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
33	SEM IV (2018-2023)	010125401 - PP	T1145	Law of Crimes Paper II: Criminal Procedure Code I	60	CO1	understandthe rational of Criminal Procedure Code and importance of the Fair Trial in the light of Human Rights.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
33					60	CO2	Have in-depth knowledge of pre-trial process , Constitutional and human rights of the accused followed in Indian Criminal Justice System.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
33					60	CO3	Know the Court System, Power of the Courts and Trial Process followed in India.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H

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33					60	CO4	be familiar with basic concepts, provisions, case laws, principles, procedures, forms followed and applied in Cr.P.C along with the jurisprudential understanding	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
33					60	CO5	apply the basic concept, provisions, principles, procedures, forms and cases laws followed and applied in Cr.P.C to practical problems in the subject	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
34	SEM IV (2018-2023)	010125402 - PP	T1150	Civil Procedure Code and Limitation Act II	60	CO1	Have procedural clarity to apply concepts in the realisation of their client's civil rights	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
34					60	CO2	Have critical thinking to apply the learned concepts.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
35	SEM IV (2018-2023)	010125403 - PP	T1032	Family Law II	60	CO1	understand succession issues vis-à-vis the changing laws in society and various other child related issues, gift and will.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
35					60	CO2	evaluate the strength of family laws in India	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
35					60	CO3	analyse the Uniform Civil Code and its applicability for the purposes of regulating the personal acts of family life that may emerge from time to time.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
35					60	CO4	evaluate the changes in family laws in context of socio-economic developments.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
35					60	CO5	apply law to problems in family disputes.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
36	SEM IV (2018-2023)	010125404 - PP	T6103	Effective Communication Skills	60	CO1	To provide a strong base for understanding the finer aspects of communication.	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L
36					60	CO2	To familiarise the students with the basic flow and channels of communication within an organisation.	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L

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36					60	CO3	To have a hold on inter cultural communication, strategies and challenges.	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L
36					60	CO4	To create a platform for expressing ideas in a creative manner.	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L
36					60	CO5	To understand and practice the principles of business writing with special reference to letters, reports and memos.	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L
36					60	CO6	To stimulate a thought process which includes ethical implications of ones communication patterns	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L
37	SEM IV (2018-2023)	010125405 - PP	T6282	Political Science III	60	CO1	Identify the key concepts in international relations and how different theories provide explanations to shaping up of the global scenario in varied manners	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L
37					60	CO2	identify how various political actors have played a diverse political role, particularly in conflict and conflict resolution settings	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L
37					60	CO3	Make use of the knowledge of theories, ideas, values, norms and practices of international relations.	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L
37					60	CO4	Identify the major transformative events and developments in the history of recent/contemporary global politics and construct models of peace-building, cooperation, conflict resolution	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L
38	SEM IV (2018-2023)	010125406 - PP	T1033	Property Law	60	CO1	Students will able to analysis different principles of the property transactions	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H

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45	SEM IV (2018-2023)	010125413 - PP	T6189	Basic Spanish II	60	CO1	Learner will be able to construct simple sentences in Spanish.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
45					60	CO2	Learner will be able to introduce him/herself to others in Spanish.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
45					60	CO3	Learner will be able to read and understand medium and difficulty level texts and solve questions on the basis of same.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
45					60	CO4	Will help to develop intercultural and communicative skills.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
45					60	CO5	They will be able to understand Spanish literature.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
46	SEM IV (2018-2023)	010125414 - PP	T6398	Basic Hindi II	60	CO1	Learners will have the knowledge of basic Hindi Grammar.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
46					60	CO2	They will understand simple Hindi sentences.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
46					60	CO3	They will be able to translate simple Hindi passages.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
46					60	CO4	They will be able to speak in Hindi	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
46					60	CO5	They will be able to understand Hindi literature.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
47	SEM IV (2018-2023)	010125415 - PP	T6400	Basic Marathi II	60	CO1	Learners will have the knowledge of basic Marathi Grammar.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
47					60	CO2	They will understand simple Marathi sentences.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
47					60	CO3	They will be able to translate simple Marathi passages.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
47					60	CO4	They will be able to speak in Marathi.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
47					60	CO5	They will be able to understand Marathi literature.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
48	SEM V (2017-2022)	010125501 - PP	T1151	Law of Evidence	60	CO1	Students will able to apply principles of evidence to the hypothetical and factual circumstances.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L

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48					60	CO2	Students will able to appreciate evidence and also able to conduct examination of witnesses in the law court once they join litigation.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
48					60	CO3	Students will able to gather evidences Oral / Documentary form.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
48					60	CO4	Students will able to find out lacunae in the existing system	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
49	SEM V (2017-2022)	010125502 - PP	T1078	Company Law I	60	CO1	The students will be able to demonstrate thorough knowledge of the principles and practices of Company Law	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
49					60	CO2	The students will be able to file various forms for incorporation and registration of companies.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
50	SEM V (2017-2022)	010125503 - PP	T1372	Labour and Industrial Law I	60	CO1	understand in theoretical and jurisprudential foundation for a complete understanding about labour laws.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
50					60	CO2	understand general principles of labour and industrial laws in the light of the development and legislations, socio-economic scenario and human rights values to be enshrined in labour legislations.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
50					60	CO3	examine perspective methods of Labor disputes and welfare than by means of adjudication.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
50					60	CO4	understand how labor in different sectors are bound by different regulations	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
50					60	CO5	apply the knowledge gained to real problem scenarios	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
50					60	CO6	Identify the gaps in the law and provide suggestions for further research.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H

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54					60	CO2	Demonstrate a framework of psychological inquiry that leads to further understanding of the human brain and human behavior.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
54					60	CO3	Demonstrate an understanding of the basic findings within a variety of areas of psychology, including biological basis, consciousness, psychoactive drugs, motivation, personality and applications of psychology in the field of Law.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
55	SEM V (2017-2022)	010125508 - PP	T6488	Film Appreciation	60	CO1	To help students gain basic knowledge of cinema.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
55					60	CO2	To help students grapple with different cinematic traditions across the world and help them understand a general historical development of cinema.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
56	SEM V (2017-2022)	010125509 - PP	T6740	Theory and Application of Public Finance	60	CO1	This course aims to identify government activities and the alternative means of financing government expenditure.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
56					60	CO2	The students will be able to outline the impact of government expenditure, regulations, taxes, and borrowing on incentives to work, spend income, save and invest.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
56					60	CO3	Students will be able to understand what policies government should adopt for the betterment of the economy	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
57	SEM V (2017-2022)	010125510 - PP	T6644	International Political Economy and Trade	60	CO1	Theoretical perspectives on international political economy, the assumptions concerning appropriate unit of analysis and nature of interactions between units on which they are based, and their implications for policy	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M

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57					60	CO2	The student would have be conversant with contemporary debates on multilateralism and implications of international political economy on national policy making.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
58	SEM V (2017-2022)	010125511 - PP	T6483	Creative Writing	60	CO1	To distinguish between effective and non-effective writing.	-	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M
58					60	CO2	To describe and report events in factual as well as picturesque ways	-	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M
58					60	CO3	To discuss the facets of the English language	-	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M
58					60	CO4	To express themselves clearly and effectively	-	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M
59	SEM V (2017-2022)	010125512 - PP	T6454	International Relations	60	CO1	to gain greater understanding of world politics	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
59					60	CO2	to understand and answer central questions of world politics.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
59					60	CO3	to equip the students with the necessary historical as well as contemporary knowledge about the significant conflicts in these regions which has altered its geopolitics.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
60	SEM V (2017-2022)	010125513 - PP	T1003	Administrative Law	60	CO1	to understand the wider dimensions of the administrative law, stressing links with public administration and politics.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
60					60	CO2	understand and critically evaluate the process, principles and laws followed while exercising administrative, legislative and judicial powers by the administrative authorities.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
60					60	CO3	learn the functions of law in the administrative process and the controls on powers of administrative authorities.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H

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60					60	CO4	apply administrative law principles to complex legal problems and critique the operation of administrative law from a theoretical and practical perspective.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
60					60	CO5	understand and analyse alternative dispute resolution, including public inquiries and ombudsmen.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
61	SEM V (2017-2022)	010125514 - PP	T1342	Legal Skills VI(Advocacy, Simulation, Client Counselling)	60	CO1	Understand the core skills needed for effective law practice and emphasizes the skills they will need in the early years of practice	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
61					60	CO2	Identify and enhance the fundamental skills that all lawyers need regardless of practice setting	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
61					60	CO3	Draft effective legal documents, construct analytical arguments etc	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
61					60	CO4	Critically evaluate arguments in terms of the strength of evidence and reasoning	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
62	SEM V (2017-2022)	010125515 - PP	T1327	Human Rights Law and Practice	60	CO1	The students will be able to understand, critically analyse and apply the basic principles of Human Rights.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
62					60	CO2	This course will enable the students to make a comparison of the existing systems of promotion and protection of Human Rights at international level and at regional level and its effectiveness.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
62					60	CO3	The students will be able to spot the law, apply and solve the legal problem relating to vulnerable groups in India.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
62					60	CO4	It will help the students tocritically evaluate the role of NHRC, NGOs and the Media inpromotion and promoting the Human Rights.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H

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63	SEM V (2017-2022)	010125516 - PP	T1312	Banking Law	60	CO1	understand the various reforms in banking sector and will be updated with the knowledge of laws related to banking business in India.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
63					60	CO2	be able to analyze the various laws related to banking business in India and will be able to understand the various banker-customer relations depending on the functions and banking transactions.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
63					60	CO3	comprehend the various challenges and risks involved in the banking business such as NPAs and will be able to suggest overcoming from these challenges.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
63					60	CO4	4. be well acquainted with the laws related to Foreign Exchange as banking business has grown and widened its scope to the other countries as well.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
64	SEM V (2017-2022)	010125517 - PP	T1358	Intoduction to Intellectual Property Law	60	CO1	understand the fundamentals of Intellectual Property Rights and related protection systems	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
64					60	CO2	analyse the theoretical justification of IP	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
64					60	CO3	analyse the international regime, treaties and conventions on intellectual property rights	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
64					60	CO4	understand the various forms of IP such as Patent, Copyright, Trademark, Design, Geographical indication, traditional knowledge, Plant varieties, trade secret and Layout design of Integrated circuits	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
64					60	CO5	analyse contemporary issues relating to IPR including human rights aspects.	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H

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65	SEM V (2017-2022)	010125518 - PP	T1289	National Security Law	60	CO1	Student will understand the concept of National Security as a discipline and the conflict with the rule of law and human rights.	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
65					60	CO2	Student will be able to appraise the national security law in the context of law operating in US and UK.	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
65					60	CO3	Students will be able to apply the national security law to issues in the national security area.	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
66	SEM V (2017-2022)	010125519 - PP	T1325	Retail Business and Law	60	CO1	Be well versed in corporate working from a critical perspective in retail sector	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
66					60	CO2	analyse the various provisions of the Retail Law and the allied legislations relating to retail industry.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
66					60	CO3	ability to present an oral argument, to engage in discussions on controversial issues and to present written arguments	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
66					60	CO4	Be able to apply law in context and issues	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
67	SEM V (2017-2022)	010125520 - PP	T1334	Food Safety Laws	60	CO1	Identify the legal initiatives adopted with regard to food security laws.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
67					60	CO2	Analyze the legal measures adopted that examine the issues related to nutrition as a basic human right.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
67					60	CO3	Critically scrutinize the legal framework that addresses the food inadequacy issues.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
67					60	CO4	Comprehend the initiatives adopted to understand decision making process and policies in the light of legal framework, ethics and human rights.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H

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68	SEM V (2017-2022)	010125521 - PP	T1307	Private International Law	60	CO1	To provide an understanding of the problems inherent in legal situations involving cross border elements	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
68					60	CO2	To study and analyse the issues relating to jurisdiction in Private International Law Sphere	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
68					60	CO3	To understand and analyze the rules governing national and international recognition and enforcement of foreign judgments.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
68					60	CO4	To demonstrate the basic knowledge and understanding relating to jurisdiction and choice of law in various areas of choice of law including, Contract, Tort and Family law matters.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
69	SEM V (2017-2022)	010125522 - PP	T6303	Public Policy and Governance in India	60	CO1	Explain the interpenetration of the different ideological / political groups towards the formation of a common stream of Policies / Perspectives on issues of social / national importance	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H
69					60	CO2	Relate the dynamic context of policy making in the globalized world for the purpose of better governance in the light of the changing nature of the Nation / State	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H
70	SEM V (2017-2022)	010125523 - PP	T6292	Issues in World Politics	60	CO1	Break down and criticize the contemporary debates on globalization.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
70					60	CO2	Analyze and appraise some of the major issues in the contemporary world order.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
71	SEM VI (2017-2022)	010125601 - PP	T1079	Company Law II	60	CO1	The students will be able to demonstrate knowledge of law in relation to structure, function and role of corporate management.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H

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71					60	CO2	The students will be able to apply, interpret, analyse, the company law provisions relating to corporate governance, corporate democracy, restructuring, reorganising, mergers, amalgamation of corporations and winding up especially in the light of Insolvency and Bankruptcy Code.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
71					60	CO3	The students will be able to analyse the growing ambit of Company law and the rules framed under it in the light corporate abuse in national and international context.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
72	SEM VI (2017-2022)	010125602 - PP	T4295	Basics of Fitness to Fitness & Lifestyle Management	60	CO1	Develop defensive preventive attitude and view of ones lifestyle.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
72					60	CO2	Recognize and avoid potentially dangerous situations.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
72					60	CO3	Psychologically prepare the student for the possibility of attack.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
72					60	CO4	Develop a working knowledge in basic self-defence techniques from various disciplines.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
72					60	CO5	Acquire self-confidence, to instil the need and desire for physical conditioning, and a willingness to take affirmative action if actually assaulted.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
73	SEM VI (2017-2022)	010125603 - PP	T1080	Principles of Taxation Law	60	CO1	understand the theoretical concepts of taxation, direct and indirect tax laws.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
73					60	CO2	analyse the constitutional principles and provisions of taxation laws in India.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
73					60	CO3	understand the principles, provisions and procedures under the Income Tax law of India.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H

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73					60	CO4	apply the learning to real life tax computations relating to sources of income and file individual Income Tax Return.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
73					60	CO5	analyse the concepts and issues of international taxation and transfer pricing	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
74	SEM VI (2017-2022)	010125604 - PP	T1343	Forensic Science	60	CO1	Students will understand the importance of forensic science in legal field	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
74					60	CO2	Students will be able to elaborate the role of different forensic science expert in administration of justice	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
74					60	CO3	Students will connect be able to link the forensic law principles with admissibility of expert witness under law of evidence.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
74					60	CO4	Students will be able to evaluate the importance and relevance of forensics in solving offences	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
74					60	CO5	Apply the skills to issues and problems	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
75	SEM VI (2017-2022)	010125605 - PP	T1045	Public International Law	60	CO1	To better understand the International Order.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
75					60	CO2	To have thorough knowledge about the working of the International Organizations and Specialized agencies.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
75					60	CO3	To have gained comprehensive command on the theories of International Law.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
75					60	CO4	To have better awareness and consciousness about the working of the International Criminal Court.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H

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76	SEM VI (2017-2022)	010125606 - PP	T6283	Public Administration	60	CO1	The students will develop the understanding of principles of Public Administration, which is the standing manifestation of the State functions within the framework of the law of the land.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Weak-L
76					60	CO2	The students will be able to develop the capability to classify, correlate and give a comprehensive and comparative knowledge about the theoretical and operational perspectives of governmental institutions.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Weak-L
76					60	CO3	The student will be able to understand the evolution of public administration and explains the relations between the citizen and the administrative state.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Weak-L
76					60	CO4	The course seeks to sensitize the students about public service within an environment of democratic, legal, ethical, political, and economic considerations	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Weak-L
77	SEM VI (2017-2022)	010125607 - PP	T1373	Labour and Industrial Law II	60	CO1	Demonstrate and be familiar with the major rules and principles governing the areas of labour and industrial laws.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
77					60	CO2	Critically analyze the various legislations governing industrial relations, employee security, dispute resolution, prevention of sexual harassment etc.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
77					60	CO3	Contribute to the development of the principles of labour laws sensitization in the light of the development and legislations, ethics, values and human rights to be implemented by corporations	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H

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77					60	CO4	Test the acquired knowledge and practical know how by visit to trade union office, Employee state insurance corporation, Pune Municipal Corporation, including future cases involving disputes.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
77					60	CO5	To acquaint the students with comparative and international perspectives with a view to bringing out the essential awareness of the national and international systems emerging at the present context.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
78	SEM VI (2017-2022)	010125608 - PP	T1366	Patent Law and Practice	60	CO1	Comprehension of complex concepts not only pertaining to procedure and practice of patent law, but also those of drafting a patent specification.	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
79	SEM VI (2017-2022)	010125609 - PP	T1329	Penology and Victimology	60	CO1	understand correctional practices, reforms, and their consequences as well as various theories of social control	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
79					60	CO2	Understand the various alternatives to punishment in order to achieve the goal of reformation.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
79					60	CO3	Analyze connection between the victims and the offenders.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
79					60	CO4	Apply the skills learnt during the course from practical dimensions.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
80	SEM VI (2017-2022)	010125610 - PP	T1464	Media And Entertainment Law	60	CO1	Analyse the legal framework of Media and Entertainment laws in India.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
80					60	CO2	Identify the laws governing the Entertainment industry in India.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
80					60	CO3	Critically analyse the constitutionality of media freedom and its impact in the society.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H

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80					60	CO4	Understand and appreciate the broadcasting and advertisement laws.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
80					60	CO5	Understand laws relating to celebrity management and social media.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
80					60	CO6	Apply the skills learnt during the course in internships and in case they decide to pursue litigation or join the media and entertainment industry as in-house counsels.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
80					60	CO7	Discuss the ethical, moral and human rights dimensions pertaining to media and entertainment industry	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
81	SEM VI (2017-2022)	010125611 - PP	T1367	Copyright Law	60	CO1	be able to apply the theoretical knowledge to practical aspects of copyright law	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H
81					60	CO2	be able to analyse the national framework, international framework and contemporary issues in copyright protection.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H
82	SEM VI (2017-2022)	010125612 - PP	T1368	E-Commerce Law	60	CO1	providing a holistic understanding of the field of E-commerce Laws in India and the contemporary issues regarding E-commerce.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
83	SEM VI (2017-2022)	010125613 - PP	T1296	International Trade and Economics	60	CO1	To understand World Economic order and Contributions of various International Agencies to growth of International trade	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Moderate-M	Weak-L
83					60	CO2	To apply the rules of international trade as developed by GATT and WTO to current issues in international trade	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Moderate-M	Weak-L
83					60	CO3	To analyse the impact of international trade law on international trade in goods and services.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Moderate-M	Weak-L
84	SEM VI (2017-2022)	010125614 - PP	T1350	Right to Information Law	60	CO1	Analyse the legal aspects in the Right to Information Act in the light of ethics, value and human rights.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H

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84					60	CO2	Analyse the Public Authorities and their Obligations under the Right to Information Act.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
84					60	CO3	Explain the Role of Public Information Officers.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
84					60	CO4	Identify the Exemptions from Disclosure of Information, Partial Disclosure and Third Party Information.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
84					60	CO5	Identify how RTI can help in good governance.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
85	SEM VI (2017-2022)	010125615 - PP	T1351	Health Law	60	CO1	explore various areas of the law that deal with creating and maintaining and regulating 'health.'	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
85					60	CO2	to give comprehensive and practical approach to the students to make them aware of the developments in medical sciences, to explore various issues	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
85					60	CO3	to enable them to be equipped to face the recent challenges raised by the modern issues in contemporary era.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
86	SEM VI (2017-2022)	010125616 - PP	T1352	Sexual Harassment Law	60	CO1	The capacity to identify the cases of sexual harassment	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H
86					60	CO2	To show what prevents the cases of sexual harassment from being reported	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H
86					60	CO3	To explain the existing gaps in the enforcement of law in the cases of sexual harassment	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H
86					60	CO4	The ability to distinguish sexual harassment from the other offences against women	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H
87	SEM VI (2017-2022)	010125617 - PP	T6279	Public Administration and Management	60	CO1	gain knowledge about main theories, concepts and themes in relation to public policy and administration	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
87					60	CO2	know the institutions and their functions and the implications of public-private partnerships	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H

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87					60	CO3	recognize various administrative skills and techniques for public systems management	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
87					60	CO4	discuss the definitions of right and wrong and the ethical questions posed in public service	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
87					60	CO5	develop a comprehension of how the fiscal year and budget cycle work	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
87					60	CO6	understand how political dynamics affect the functionality and administration of public programs	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
88	SEM VI (2017-2022)	010125618 - PP	T1801	Project	60	CO1	To inculcate research skills in students	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
88					60	CO2	To apply law in context.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
89	SEM VI (2017-2022)	010125619 - PP	T6289	Indias Foreign Policy	60	CO1	This course will enable the students to objectively evaluate history of international cooperation with respect to India, and the various historic decisions taken by our foreign policy experts, Prime Minister's at various crucial junctures.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M
89					60	CO2	In the globalized world of the 21st century, students will be able to develop the capability to comprehend and correlate India's strategic decisions over the last 70 years and understand why regional and international cooperation is the need of the hour.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M
89					60	CO3	Students will be able to develop the understanding of the phases of policy making and decision making in our country through an objective perspective of history.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M
89					60	CO4	The students will be able to understand why the past decades has been witness to India's rise as a major power in the multi polar world.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M

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89					60	CO5	The course will help the student grasp the influences, nuances and content of India's foreign policy as it has shaped over the years.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	
90	SEM VI (2017-2022)	010125620 - PP	T3325	Web Designing	60	CO1	To introduce students to web designing and development concepts using a content management system (CMS).	-	-	-	-	-	-	Moderate-M	-	-	-	
90					60	CO2	The students will be able to create websites using a CMS (Drupal).	-	-	-	-	-	-	Moderate-M	-	-	-	
91	SEM VI (2017-2022)	010125621 - PP	T5513	Introduction of Sketching and Drawing	60	CO1	Know Basics of lines and tones for creating visuals.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	
91					60	CO2	Know primary steps of Perspective for various applications.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	
91					60	CO3	Know Basics of composition and rendering techniques.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	
91					60	CO4	Know enlargement and collage techniques for making visuals effective.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	
91					60	CO5	Know Basics of presentation of visuals.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	
92	SEM VI (2017-2022)	010125622 - PP	T5429	Society, Environment and Design	60	CO1	To understand how meaning is generated, disseminated, and produced from the social, political and economic spheres within a given culture.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
92					60	CO2	Know Cultural studies as an academic discipline aiding cultural researchers who theorize about the forces from which the whole of humankind construct their daily lives.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
92					60	CO3	The study of environment related behavior in design.	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	

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92					60	CO4	To study Society and Humanity program researches and environmental problems from the perspective of urban sociology, examining the ways in which residents control environmental problems, in the context of the formation of social norms.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L
92					60	CO5	To take an active part for training the NGOs.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
93	SEM VI (2017-2022)	010125623 - PP	T5423	History of Arts and Design	60	CO1	To take inspiration from the designs in past and show the contemporize version of that inspiration in today's time.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
94	SEM VI (2017-2022)	010125624 - PP	T3613	Block Chain	60	CO1	Understanding Block chain and Crypto currencies and how they can be used as a tool to increase the speed, security, efficiency and transparency in financial and non-financial world.	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
95	SEM VI (2017-2022)	010125625 - PP	T2984	Personal Finance	60	CO1	To appreciate the importance of financial planning	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
95					60	CO2	To understand the nuances of various investment instruments available with their taxation structure.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
95					60	CO3	At the end of the program participants will prepare a personal investment roadmap for financial wellbeing.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
96	SEM VI (2017-2022)	010125626 - PP	T2744	Services Marketing	60	CO1	Analyse and apply the knowledge of Service Marketing concepts, and growing importance of Service Industry.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
96					60	CO2	Compare, discuss and ably utilize the tools and techniques used in services marketing.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
96					60	CO3	Analyze and apply services marketing concepts to business situations.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M

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97	SEM VII (2016-2021)	010125701 - PP	T1149	Civil Procedure Code and Limitation Act I	60	CO1	To impart knowledge of civil procedure to the students.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
97					60	CO2	To provide knowledge about the history the Code of Civil Procedure in India and the details of procedure for redressal of civil rights.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
97					60	CO3	To learn and understand the procedure of filing the suit in the court, the documents in support and against, evidence taken, dimensions of an interim order, the peculiar nature of the suits.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
97					60	CO4	To learn and understand the complexities of executing a decree and provisions for appeal and revision.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
97					60	CO5	To impart the students the procedural aspects in the civil court practice.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
98	SEM VII (2016-2021)	010125702 - PP	T1080	Principles of Taxation Law	60	CO1	understand the theoretical concepts of taxation, direct and indirect tax laws.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
98					60	CO2	analyse the constitutional principles and provisions of taxation laws in India.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
98					60	CO3	understand the principles, provisions and procedures under the Income Tax law of India.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
98					60	CO4	apply the learning to real life tax computations relating to sources of income and file individual Income Tax Return.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
98					60	CO5	analyse the concepts and issues of international taxation and transfer pricing	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
99	SEM VII (2016-2021)	010125703 - PP	T1152	Human Rights Law and Practice	60	CO1	The students will be able to understand, critically analyse and apply the basic principles of Human Rights.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Weak-L

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99					60	CO2	This course will enable the students to make a comparison of the existing systems of promotion and protection of Human Rights at international level and at regional level and its effectiveness.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M
99					60	CO3	The students will be able to spot the law, apply and solve the legal problem relating to vulnerable groups in India.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M
99					60	CO4	It will help the students to critically evaluate the role of NHRC, NGOs and the Media in promotion and promoting the Human Rights.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M
100	SEM VII (2016-2021)	010125704 - PP	T1153	Gender Justice and Feminist Jurisprudence	60	CO1	Capacity to identify difference between sex, gender and sexual orientation	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
100					60	CO2	Skill to recognize the interplay of law, sexuality and patriarchy in the law reform projects	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
100					60	CO3	Ability to explain functioning of legal provisions and judicial responses from the perspectives of the deprived and powerless groups in society	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
100					60	CO4	Capacity to identify the problems of gender in sectors which are considered to be gender neutral so far	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
100					60	CO5	Skill to criticize the policy making from the gender perspective	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
101	SEM VII (2016-2021)	010125705 - PP	T1046	Humanitarian and Refugee Law	60	CO1	Understand the basic legal concepts and norms of International Humanitarian and Refugee Law. the rights and responsibilities of different actors in the contemporary international refugee regime.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H

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101					60	CO2	Critically analyse the role of international, regional and national institution in humanitarian and refugee crisis.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
101					60	CO3	Spot the inadequacies and issues in application of the laws, and solve the legal problem persons in armed conflicts and refugee crisis.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
102	SEM VII (2016-2021)	010125706 - PP	T1081	Merger and Acquisitions	60	CO1	Students will be able understand the process MandA and will be able to develop skills in analyzing real world MandA cases	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
102					60	CO2	Students will be able to demonstrate competency in analyzing risks associated with acquisition process	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
102					60	CO3	Students will be able to evaluate laws regulating MandA in India.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
102					60	CO4	Students will be able to appraise the various issues relating to treatment of IPR in MandA	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
102					60	CO5	Students will be able to describe major elements of the acquisition process with special reference to financing decisions, taxation implications, restructuring options, cross-border acquisitions, and regulatory intervention.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
102					60	CO6	Students will be able to apply competition law in respect to MandA in India	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
103	SEM VII (2016-2021)	010125707 - PP	T1047	International Trade and Economics	60	CO1	To introduce the students to the International Trading System under the World Trade Organisation and the various agreements and annexures under it.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
103					60	CO2	It aims at enhancing the understanding of the students to the WTO law and its role in regulation of International Trade.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H

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104	SEM VII (2016-2021)	010125708 - PP	T1082	Banking Law	60	CO1	understand the various reforms in banking sector and will be updated with the knowledge of laws related to banking business in India.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
104					60	CO2	be able to analyze the various laws related to banking business in India and will be able to understand the various banker-customer relations depending on the functions and banking transactions.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
104					60	CO3	comprehend the various challenges and risks involved in the banking business such as NPAs and will be able to suggest overcoming from these challenges.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
104					60	CO4	4. be well acquainted with the laws related to Foreign Exchange as banking business has grown and widened its scope to the other countries as well.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
105	SEM VII (2016-2021)	010125709 - PP	T1083	Insurance Law	60	CO1	Knowledge of conceptual and operational aspects of Insurance Law Principles	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
105					60	CO2	To analyse legal provisions and apply legal principles established through statute, precedent and customs in Insurance Law to real life cases.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
105					60	CO3	To draft clauses which can be incorporated into Insurance policies, recognising different kinds of policies, insurance covers, requisite documentation and other legal procedures.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
105					60	CO4	To evaluate legal principles applicable to insurance contracts in India, in comparison with international principles and practices.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H

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106	SEM VII (2016-2021)	010125710 - PP	T1203	Intellectual Property Law	60	CO1	understand the fundamentals of Intellectual Property Rights and related protection systems	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
106					60	CO2	analyse the theoretical justification of IP	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
106					60	CO3	analyse the international regime, treaties and conventions on intellectual property rights	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
106					60	CO4	understand the various forms of IP such as Patent, Copyright, Trademark, Design, Geographical indication, traditional knowledge, Plant varieties, trade secret and Layout design of Integrated circuits	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
106					60	CO5	analyse contemporary issues relating to IPR including human rights aspects.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
107	SEM VII (2016-2021)	010125711 - PP	T1275	Competition Law	60	CO1	The students shall be able to asses and analyze anti-competitive practices in the light of the legislative provisions and case laws	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
107					60	CO2	The students shall be able to apply the legislative provisions to the procedurals aspects of competition law	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
107					60	CO3	The students will be able to identify and infer the lacunas in the existing provisions relating to competition law which requiring further changes.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
107					60	CO4	The student will be able to analyze instances of abuse of dominance by undertakings.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
108	SEM VIII (2016-2021)	010125801 - PP	T1151	Law Of Evidence	60	CO1	Students will able to apply principles of evidence to the hypothetical and factual circumstances.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H

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108					60	CO2	Students will able to appreciate evidence and also able to conduct examination of witnesses in the law court once they join litigation.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
108					60	CO3	Students will able to gather evidences (Oral / Documentary form).	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
108					60	CO4	Students will able to find out lacunae in the existing system	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
109	SEM VIII (2016-2021)	010125802 - PP	T1150	Civil procedure Code and Limitation Act II	60	CO1	Have procedural clarity to apply concepts in the realisation of their client's civil rights	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
109					60	CO2	Have critical thinking to apply the learned concepts.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
110	SEM VIII (2016-2021)	010125803 - PP	T1204	Forensic Science	60	CO1	Students will understand the importance of forensic science in legal field	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
110					60	CO2	Students will be able to elaborate the role of different forensic science expert in administration of justice	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
110					60	CO3	Students will connect be able to link the forensic law principles with admissibility of expert witness under law of evidence.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
110					60	CO4	Students will be able to evaluate the importance and relevance of forensics in solving offences	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
110					60	CO5	Apply the skills to issues and problems	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
111	SEM VIII (2016-2021)	010125804 - PP	T1048	International Criminal Law	60	CO1	To Understand the theoretical assumptions of core international crimes and critical approaches to international criminal law.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
111					60	CO2	To analyse the relationship between national and international jurisdiction for the prosecutions of international crimes.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H

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111					60	CO3	To understand the basic workings of international criminal tribunals, in particular the permanent International Criminal Court.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
111					60	CO4	To understand the basic provisions of the procedural and evidentiary systems and the main problems of international criminal investigation.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
112	SEM VIII (2016-2021)	010125805 - PP	T1154	Penology & Victimology	60	CO1	understand correctional practices, reforms, and their consequences as well as various theories of social control	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
112					60	CO2	Understand the various alternatives to punishment in order to achieve the goal of reformation.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
112					60	CO3	Analyze connection between the victims and the offenders.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
112					60	CO4	Apply the skills learnt during the course from practical dimensions.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
113	SEM VIII (2016-2021)	010125806 - PP	T1004	Media Law	60	CO1	To study the various laws and regulations concerning the mass media	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
113					60	CO2	To studyhow the media works within such a system and plays a constructive role to further the cause of democracy.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
114	SEM VIII (2016-2021)	010125807 - PP	T1205	Information Technology Law	60	CO1	Analyze the legal framework of Information Technology laws.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
114					60	CO2	Understand basic concepts under Information Technology Act, 2000 such as digital signature, electronic signature. E-commerce, e-governance etc.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
114					60	CO3	Examine the impact of Information Technology Act, 2000 on the Society.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H

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114					60	CO4	Explain various definitions, taxation schemes and working of Information Technology Act, 2000.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
114					60	CO5	Analyze various offences under the Information Technology Act, 2000.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
115	SEM VIII (2016-2021)	010125808 - PP	T1086	International Banking and Finance	60	CO1	be able to analyze the causes of financial crisis and will be able to suggest the remedy/norms to reduce these kinds of financial crises.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
115					60	CO2	understand the historical background, development of international banking business and its regulatory regime and will be well acquainted with the various issues, challenges, risks involved into the international banking business.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
115					60	CO3	be able to comprehend the various overlapping legal and regulatory regimes applying to banks and bank holding companies by studying concept of choice of laws and will be imminent with the information of functioning of financial market which is very versatile and will be able to interpret the various financial concepts.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
115					60	CO4	be able to analyze the functions of international financial institutions and its basic governance structure.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
116	SEM VIII (2016-2021)	010125809 - PP	T1206	Trade in Intellectual Property	60	CO1	analyse the relation between trade and different types of IPR	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
116					60	CO2	analyse the trade related, economic and international perspectives of IP	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
116					60	CO3	distinguish between the several modes of commercialization of IP	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H

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116					60	CO4	compare between the modes of enforcement of IP	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
117	SEM VIII (2016-2021)	010125810 - PP	T1085	General Agreement on Tariff and Trade	60	CO1	To the International Trading system.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
117					60	CO2	It aims at enhancing the understanding of the students to the GATT law and its role in regulation of international trade with its linkages to WTO.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
118	SEM VIII (2016-2021)	010125811 - PP	T1049	International Organization	60	CO1	Understand the functioning of international organization.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
118					60	CO2	Understand and examine the history and contemporary developments in some of the more visible international organizations like the UN and the EU.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
118					60	CO3	Analyze areas of co-operation in international relations and assess the role of international organization like the UN in fostering change.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
118					60	CO4	Discuss the general topic of regionalism as an approach to understanding international relations.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
119	SEM VIII (2016-2021)	010125812 - PP	T1278	Energy Law	60	CO1	Students will be able to understand specific sectoral legal issues and the nature of energy business via visiting the legislations under the Electricity Act.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
119					60	CO2	Students will be able to appreciate the critical legal issues relating to energy, environment and society. Students will be able to map various laws and policies relating to energy sector which can help in achieving a sustainable economy.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H

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119					60	CO3	The students will be able to understand the processes; statutory, administrative and judicial in the interpretation of the laws and regulations governing the sector via the study of role, powers and functions of the regulatory bodies that govern the Energy Sector.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
120	SEM VIII (2016-2021)	010125813 - PP	T1279	Entertainment Law	60	CO1	to study different laws and regulations which guide the developing jurisprudence of entertainment Industry.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M
120					60	CO2	To study and understand the evolution of media and entertainment law from Press to social media to technology and convergence, its impact on society and the law implemented to contain the effect of the same both in the national as well as international arena.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M
121	SEM IX (2015-2020)	010125901 - PP	T1087	Labor and Industrial Law	60	CO1	To impart knowledge and understanding about Labour and Industrial law.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
121					60	CO2	To learn about the historical perspective of labor and different labor organizations.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
121					60	CO3	To understand the concept and scope of Industrial relations and labour welfare.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
122	SEM IX (2015-2020)	010125902 - PP	T1155	Drafting, Pleading and Conveyance (Clinical Course I) 3	60	CO1	To teach drafting skills through class instructions and simulation exercises, preferably with assistance of practising lawyers/retired judges. The course deals with the basics of drafting rules.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
123	SEM IX (2015-2020)	010125903 - PP	T1156	Alternative Dispute Resoulation (clinical Course II) 4	60	CO1	Know the modalities and techniques of dispute resolution to act as soldiers of justice in the ever-changing socio-economic scenario.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H

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123					60	CO2	have insight into the processes of Arbitration and other forms of ADRS like Conciliation and Mediation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
123					60	CO3	be able to use both written and oral communication skills in simulated scenarios	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
123					60	CO4	be able to analyse practical impact of legal rules and practices and have understanding of the broader social, economic and political context in which law is, and could be, used or applied	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
123					60	CO5	be well versed in the national and international systems emerging at the present context in dispute resolution.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
124	SEM IX (2015-2020)	010125904 - PP	T1050	Comparative Criminal Procedure	60	CO1	Understand the rules and Procedures of the different phases of the Criminal Procedure in India, China, France, US and Russia.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
124					60	CO2	Interpret the procedures of various countries to find out the advantages and disadvantages of the procedures in the criminal justice systems	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
124					60	CO3	Understand the value and impact of Constitutional Law and Human Rights Law on criminal procedure in general.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
125	SEM IX (2015-2020)	010125905 - PP	T1051	Comparative Constitution	60	CO1	The students will be able to comprehend and correlate the text of constitution of different political systems with judicial decisions, scientific works	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
125					60	CO2	The students will be able to understand the principles of Constitutionalism and the contextual application mechanisms	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M

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125					60	CO3	The students will be able to critically analyse the functions of the Executive, Legislature and Judiciary as well as the Constitutional & political equation and framework governing their exercise of Power	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
125					60	CO4	The students will be able to develop the skill set for further research and enquiry	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
126	SEM IX (2015-2020)	010125906 - PP	T1088	Investment Law	60	CO1	Identify the legal provisions and principles applicable in Investment and Securities law to a real life situation.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
126					60	CO2	Evaluate and analyse corporate practices and the emphasis on ethics and human rights values	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H
126					60	CO3	Evaluate and criticize the regulatory principles governing issuance and management of securities	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H
126					60	CO4	Apply regulatory principles to real life fact situation regarding issuance and management of securities for investment	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H
127	SEM IX (2015-2020)	010125907 - PP	T1052	Trade and Services in Emigration	60	CO1	The students is expected to clarify the various examples, theories as well as problems associated with migration at the international level.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
127					60	CO2	The students are expected to demonstrate how the state control over its migrants, theories of citizenship, international economic theories of migration and various laws and Acts pertaining to migration under the International Law.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H

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127					60	CO3	The students should understand and be able to explain the meaning of emigration, relation to international trade, international treaties and conventions related to migration with special emphasis to India, and its key issues.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
127					60	CO4	The student be able to analyze the relationship between International Trade and migration, trade agreements and immigration, movement of people under International law and trade agreements.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
127					60	CO5	The students will be able to compare several international organization like ILO, IOM and their conventions involved in the process of migration.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
127					60	CO6	The student should be able to tell the role of the international organization, in terms of principles, objective and structure and conventions.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
127					60	CO7	The student should able to identify the key problems associated with international terrorism, migration and environmental hazards.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
128	SEM IX (2015-2020)	010126904 - PP	T1050	Comparative Criminal Procedure	60	CO1	Understand the rules and Procedures of the different phases of the Criminal Procedure in India, China, France, US and Russia	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
128					60	CO2	Interpret the procedures of various countries to find out the advantages and disadvantages of the procedures in the criminal justice systems	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
128					60	CO3	Understand the value and impact of Constitutional Law and Human Rights Law on criminal procedure in general.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H

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129	SEM X (2015-2020)	0101251001 - PP	T1157	Professional Ethics and Professional Accounting System (Clinical Course III) 6	60	CO1	To understand about professional ethics of lawyers and the duty to enable the profession with the legal and moral ethics.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L
129					60	CO2	To train the students about the rules of ethics which are codified in the form of Advocates Act and Contempt of Court Act.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M
129					60	CO3	To make the students understand about the bar and bench relations.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M
129					60	CO4	To inculcate the ethics in the budding lawyers for helping them in facing the challenges of their practical law careers coupled with recording of BCI's disciplinary actions with Practical journal.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M
130	SEM X (2015-2020)	0101251002 - PP	T1158	Moot Court Exercise and Internship (Clinical Course IV)	60	CO1	Understand not only the application of law in practice, but also the citation of relevant rulings and the art of convincing the judges.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
130					60	CO2	Be able to prepare the case for achieving success as a lawyer and further the student will be able to present the case and come out with a clear statement of points in controversy.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
130					60	CO3	Be able to understand working of the Civil Case and Criminal Case proceedings.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
130					60	CO4	Be able to deal with the client and collect the relevant information.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
130					60	CO5	Be in position to understand the nature of the case, issues involved in the case using interview technique.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
130					60	CO6	Be able to understand and apply formats of memorial and other documents in the court practice.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H

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130					60	CO7	Be able to prepare memorial and other documents required for court proceedings.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
131	SEM X (2015-2020)	0101251003 - PP	T1806	Projects and Presentation	60	CO1	To inculcate research skills in students	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
131					60	CO2	To apply law in context.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
132	SEM X (2015-2020)	0101251004 - PP	T1089	Financial and Systemic Fraud	60	CO1	student will be able to understand issues and challenges towards financial fraud and the systems.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
132					60	CO2	be able to frame the preventive and remedial standard operating processes, practices and policy framing.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
132					60	CO3	to know the criminological theories which apply to these kinds of crimes and criminals.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
132					60	CO4	be able to evaluate the control of financial frauds in the backdrop of ethics, morals and values and its economic impact.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
132					60	CO5	be able to analyse financial frauds in its various forms in the light of socio economic and political scenario.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
133	SEM X (2015-2020)	0101251005 - PP	T1053	UNCITRAL Model Codes	60	CO1	Identify the development of UNCITRAL Laws and be able to ascertain its contribution in International Trading Regime.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
133					60	CO2	describe working of UNCITRAL under the ages of UNO.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
133					60	CO3	analyze and critically appreciate provisions relating to International Sale of Goods and related transaction, transport of Goods, public procurement and issues in International trade such as International payments and electronic commerce.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
133					60	CO4	access, apply and use acquired knowledge in solving contemporary problems of theoretical and practical nature.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Law School, Pune Programme Name : Bachelor of Business Administration and Bachelor of Laws(Honours)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Students will be able to equip themselves with skills and knowledge to lead and advise corporate and other legally organized human endeavour keeping in mind cultural sensibilities, diversity, gender sensitivity, environmental sustainability, comparative, transnational and global competencies by studying law in the particular context of business administration and management
2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	acquire legal knowledge from various disciplines and professions to equip them to perform various roles of a professional lawyer beyond the traditional role of litigation linking their domain knowledge to legal profession.
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	get an edge over other peers to lead and shape social, public and corporate enterprises such as the State, Community organizations and Social Enterprises, become justice sentinels and justice crusaders
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	gain hands on experience in legal knowledge , skills, ethics and values to be able to work in a fast changing India set in a de-globalizing world because of the course curriculum which will facilitate learning law in a profound way in response to contemporary developments.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	find, identify and interpret the law in a given situation.
6	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO6	resolve the legal problems with the correct application of law.
7	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO7	procure the IT skills to use the electronic resources to find the legal information.
8	GA1	Scholarship: research, inquiry and lifelong learning	PO8	improve cognitive skills, problem solving skills, analytical and independent critical thinking with enhanced research capabilities by using different pedagogical methods using collaborative online international learning.
9	GA2	Global citizenship: ethical, social and professional understanding	PO9	cultivate the ability to appreciate the role of lawyers in justice education in a globalising world sensitive to the needs of sustainability, poverty and vulnerability.
10	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO10	acquaint with the institutions of the legal systems including national, international and multiple aspects of dispute resolution, groomed in intellectual integrity, critical thinking, and be practice ready lawyers.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
1	SEM I (2019-2020)	010126101 - PP	T1470	Law of Contracts	60	CO1	Understand the development of the rules and principles of law of contracts.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
1					60	CO2	Identify the application of Contractual principles to actual issues and problems.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
1					60	CO3	Identify and explain appropriate remedies for breach of contractual obligations.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
1					60	CO4	To analyse the impact of social and commercial issues on the evolution and application of general principles of contract law.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	-	Strong-H	Strong-H	Strong-H
1					60	CO5	Draft contractual clauses efficiently.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
1					60	CO6	To explain and assess recent developments and current controversies in contract law.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
2	SEM I (2019-2020)	010126102 - PP	T2241	Business Studies	60	CO1	Learner will be able to understand the role of business in the economy and its application.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Moderate-M
2					60	CO2	Learner will be able to prepare himself / herself for Activities related to trade and commerce.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Moderate-M
2					60	CO3	Learner will be able to acquire knowledge, understanding and skills in business and management.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Moderate-M
2					60	CO4	Learner will be able to understand the functioning of trade and auxiliaries and various kinds of services.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Moderate-M
2					60	CO5	Learner will be able to apply the knowledge gained practically in the functioning of business	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Moderate-M
3	SEM I (2019-2020)	010126103 - PP	T2970	Business Accounting	60	CO1	Learner will be able to understand the basic concepts of accounting	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M

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3					60	CO2	Learner will be able to ensure that the students are able to prepare, understand and analyse the financial statements like Profit and loss account, Balance Sheet	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
3					60	CO3	Learner will be able to apply & analyse the concepts in real life situations	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
4	SEM I (2019-2020)	010126104 - PP	T6752	English	60	CO1	Discuss law within socio-cultural and historical context	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO2	Relate literature with law and understand literature as a cultural phenomenon and its relationship with law	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
5	SEM I (2019-2020)	010126105 - PP	T3246	Legal Database	60	CO1	Learner will be able to meet his present and anticipated needs.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
5					60	CO2	Learner will be able to enhance his research skills with technical tools like, legal databases, online legal journals etc.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
5					60	CO3	It will help to develop the advanced drafting and presentation skills through the help of technology.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
5					60	CO4	It will help to maintain and retain the legal research and information in soft form, for future references.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
6	SEM I (2019-2020)	010126106 - PP	T1460	Law of Torts including MV Accident and Consumer Protection Laws I	60	CO1	Explain the law of private rights and remedies which are not covered by statute.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
6					60	CO2	Display understanding of the operation of this branch of common law and its potential of expansion which governs actions for damages for injuries to certain kinds of rights, like the right to personal security, property and reputation.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
6					60	CO3	Demonstrate application of the principles of Law of Torts in contemporary areas like Human Rights, Environmental Rights, and Intellectual Property Rights.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
6					60	CO4	Appraise the differing requirements which lead to civil liability for different torts against person and property.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
7	SEM I (2019-2020)	010126107 - PP	T1534	Indian Legal System, Legal Methods and Legal Research	60	CO1	Students will be able to build their understanding of other subjects on the basis of knowledge acquired here.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	-	Moderate-M	Moderate-M	Moderate-M
7					60	CO2	Students will be able to understand jurisprudential base and evolution of certain complex phenomenon.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	-	Moderate-M	Moderate-M	Moderate-M
7					60	CO3	Students will be able to make use of the research methodologies in publishing articles in known national and international journals.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	-	Moderate-M	Moderate-M	Moderate-M
8	SEM I (2019-2020)	010126108 - PP	T1548	Legal Research Writing	60	CO1	understand the basic principles of legal research.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
8					60	CO2	formulate research plan.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
8					60	CO3	use the skills learnt as a tool for research in academics, as a lawyer, as a inhouse counsel, as a policy maker etc.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
8					60	CO4	use the methods of citation in research.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
9	SEM I (2019-2020)	010126109 - PP	T6761	Foundation of Ethics	60	CO1	develop a thoughtful and useful framework for understanding classical ethics	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Strong-H	Weak-L
9					60	CO2	become acquainted with several theoretical concepts pertaining to Philosophy	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Strong-H	Weak-L
9					60	CO3	understand issues relating to ethical dilemmas in every aspects of life	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Strong-H	Weak-L

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9					60	CO4	interpret ethical values and relate to social context of problems	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Strong-H	Weak-L
9					60	CO5	understand the inter-relationship between law and ethics	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Strong-H	Weak-L
10	SEM II (2019-2024)	010126201 - PP	T1453	Constitutional Law I	60	CO1	To integrate the values the Constitution enshrines in the students.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
10					60	CO2	To link the application of fundamental rights in day-to-day life and identify the breach of fundamental rights.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
10					60	CO3	To apply the principles of fundamental rights through drafting of Writ Petitions, Public Interest Litigation or Representative Suits	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
10					60	CO4	To illustrate the importance of Fundamental Duties and the moral obligation of the citizens to comply with the same.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
10					60	CO5	To correlate the concept of Directive Principles of State Policy to Fundamental Rights	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
11	SEM II (2019-2024)	010126202 - PP	T1474	Special Contracts	60	CO1	Understand the legal rules and concepts governing the law of agency, bailment, indemnity, guarantee, sales of goods and partnership.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
11					60	CO2	Analysis and application of the principles of Contract law in commercial relationships of agency, bailment, indemnity, guarantee, sales of goods and partnership.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
12	SEM II (2019-2024)	010126203 - PP	T1479	Environmental law	60	CO1	Provide an understanding and critical awareness of the foundational principles of the legal system relating to the protection of the environment in context	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H

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12					60	CO2	Identify and critically assess the framework of environmental law in national and international level in the context of ethics, values, human rights perspective and constitutional values	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
12					60	CO3	Explore the complex social, economic and political context in which environmental law exists.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
12					60	CO4	Understand the provisions related to Environmental protection under the general laws such as Law of Torts, Criminal Procedure Code, Constitution of India and Indian Penal Code; apart from covering the major legislations relating to Air Act, Water Act, Environment Protection Act, Public Liability Insurance Act, Indian Forest Act, Wildlife Protection act, NGT Act.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
12					60	CO5	Analyse environmental issues, debates and ideas that have been influencing the policies, laws and mind set of masses like the relationship of trade and environment, human rights and environment, environmental justice et al.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
13	SEM II (2019-2024)	010126204 - PP	T2116	Marketing Management	60	CO1	Apply the fundamental concepts of marketing to the industry.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
13					60	CO2	Examine the marketing perspectives essential for all managers today.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
13					60	CO3	Explain the concept of value in the context of marketing.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
13					60	CO4	Analyze the marketing strategies of companies.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
13					60	CO5	Experiment with out of the box thinking which will help them to develop innovative marketing strategies.	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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14	SEM II (2019-2024)	010126205 - PP	T2973	Corporate Accounting	60	CO1	Learner will be able to understand that the corporate accounting complies with India's corporate legislation, primarily the Companies Act 2013	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
14					60	CO2	Learner will be able to focus on the preparation of Final accounts of companies, ESOP's, Amalgamation, Capital Reduction and Internal Reconstruction, Holding Companies, Profits prior to incorporation, Liquidation etc	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
14					60	CO3	Learner will be able to compute accounting for Non - Profit making Organizations	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
14					60	CO4	Learner will be able to develop an analytical/practical approach to corporate accounting	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
14					60	CO5	5. Learner will be able to apply & analyse the concepts in real life situations	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
15	SEM II (2019-2024)	010126206 - PP	T6757	Managerial Economics	60	CO1	Understand the fundamentals of managerial economics and relate it in real life.	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
15					60	CO2	Analyse the market forms prevalent in the real life scenario, understand their behaviour	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
15					60	CO3	Estimate technique analysis, risk analysis and calculus/linear programming.	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
15					60	CO4	Understand the various concepts of risk analysis, regression, forecasting, production theory, cost theory, market structure, regulation and capital budgeting.	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
16	SEM II (2019-2024)	010126207 - PP	T1461	Law of Torts including MV Accident and Consumer Protection Laws II	60	CO1	Explain the law of private rights and remedies which are not covered by statute.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H

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16					60	CO2	Display understanding of the operation of this branch of common law and its potential of expansion which governs actions for damages for injuries to certain kinds of rights, like the right to personal security, property and reputation.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
16					60	CO3	Demonstrate application of the principles of Law of Torts in contemporary areas like Human Rights, Environmental Rights, and Intellectual Property Rights.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
16					60	CO4	Appraise the differing requirements which lead to civil liability for different torts against person and property.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
17	SEM II (2019-2024)	010126208 - PP	T4005	Integrated Disaster management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
17					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
17					60	CO3	To train students to perform First aid and CPR in an emergency.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
18	SEM III (2018-2023)	010126301 - PP	T1339	Jurisprudence (Legal Theory)	60	CO1	Understand the basics of the theories of Law and the skills of interpretation based on theories of law.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
18					60	CO2	Apply the theories of law and concepts identify various methods of Legal Reasoning and accurately deduce facts and apply legal principles	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
18					60	CO3	Appreciate and apply critical and analytical thinking and expand their lawyering and research skills with the help of problem solving method.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
19	SEM III (2018-2023)	010126302 - PP	T1002	Constitutional Law II	60	CO1	To correlate the different provisions of the Constitution and comprehend how the Government functions	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H

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19					60	CO2	To explain the functioning of each organ of the Government independently and linking one to the other	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
19					60	CO3	To question the shortcomings/defects/lack of procedure in relation to Contemporary government policies	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
19					60	CO4	To illustrate the role of judiciary as a moderator and adjudicator for the disputes between the government and the citizens and the inter-governmental disputes.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
20	SEM III (2018-2023)	010126303 - PP	T1031	Family Law I	60	CO1	explain, analyse and evaluate the legal rules, concepts and values governing and regulating intimate or domestic relationships.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
20					60	CO2	locate the development of the law, including the institutions and procedures, within a broader historical, demographic and social context.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
20					60	CO3	demonstrate knowledge of the requirements for valid marriage, civil partnership and divorce/dissolution of relationships and the underlying policy of the law in regulating personal relationships	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
20					60	CO4	explain and analyse critically the principles and operation of the law as regulator and study it in the context of constitutional rights, ethics and human rights.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
20					60	CO5	apply their knowledge to analyse complex legal questions and problems.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
21	SEM III (2018-2023)	010126304 - PP	T1144	Law of Crimes Paper I : Penal Code	60	CO1	Understand the legal principles governing liability for offences against the person and property offences	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
21					60	CO2	Analyze the principles governing criminal defenses	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
21					60	CO3	Interpret a set of facts in order to identify legal issues arising, providing reasoned arguments and conclusions as to the criminal offences which may have been committed and defenses which may be available	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
21					60	CO4	Identify strengths and weaknesses of areas of law in terms of underlying considerations of morality, principle and policy	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
21					60	CO5	Conduct legal research tasks using legal databases and the internet to locate primary and secondary sources relevant to criminal law.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
22	SEM III (2018-2023)	010126305 - PP	T2205	Business Statistics	60	CO1	Learner will be able to present data in graphical and tabular form	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M
22					60	CO2	Learner will be able to summarize data sets using different statistical measures	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M
22					60	CO3	Learner will be able to analyze data using statistical concepts and tools	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M
22					60	CO4	Learner will be able to use Microsoft Excel for statistical applications	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M
23	SEM III (2018-2023)	010126306 - PP	T1149	Civil Procedure Code and Limitation Act I	60	CO1	Be able to understand the crucial importance of Civil Procedure Code and the Limitation Act in civil proceedings	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
23					60	CO2	Know the foundations on which civil litigations are based	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
23					60	CO3	Be able to understand the primary requirements of a civil proceeding	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
23					60	CO4	Know the necessary procedural sequence which must be followed in a civil litigation	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H

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23					60	CO5	Have knowledge of the differences between the appellate and revisional jurisdictions	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
23					60	CO6	Know the consequences of procedural faults and lacunae	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
23					60	CO7	Know the scope of the Limitation Act	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
24	SEM III (2018-2023)	010126307 - PP	T6102	Business & Managerial Communication	60	CO1	To organize and express ideas effectively	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
24					60	CO2	To explain the inter-cultural communication, strategies and challenges	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
24					60	CO3	To demonstrate skills in legal argumentation	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
24					60	CO4	To identify different styles of communication and how to improve understanding and build rapport with others	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
24					60	CO5	To demonstrate excellence as professionals	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
24					60	CO6	To build healthy relationships through powerful communication	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
24					60	CO7	To improve Emotional Intelligence to deal with difficult situations	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
24					60	CO8	To develop strategies for balancing work and life through communication.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M
25	SEM III (2018-2023)	010126308 - PP	T1340	Legal Skills IV (Ethics, Mock Trial)	60	CO1	Enable the profession with the legal and moral ethics	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
25					60	CO2	Inculcate the ethics in the budding lawyers to face the challenges of their practical law careers coupled with recording of BCI's disciplinary actions with Practical journal	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
25					60	CO3	Enable the student to understand not only the application of law in practice, but also the citation of relevant rulings and the art of convincing the judges	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H

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32					60	CO2	They will understand simple Marathi sentences.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
32					60	CO3	They will be able to translate simple Marathi passages.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
32					60	CO4	They will be able to speak in Marathi.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
32					60	CO5	They will be able to understand Marathi literature.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
33	SEM IV (2018-2023)	010126401 - PP	T1145	Law of Crimes Paper II : Criminal Procedure I	60	CO1	understandthe rational of Criminal Procedure Code and importance of the Fair Trial in the light of Human Rights.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
33					60	CO2	Have in-depth knowledge of pre-trial process , Constitutional and human rights of the accused followed in Indian Criminal Justice System.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
33					60	CO3	Know the Court System, Power of the Courts and Trial Process followed in India.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
33					60	CO4	be familiar with basic concepts, provisions, case laws, principles, procedures, forms followed and applied in Cr.P.C along with the jurisprudential understanding	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
33					60	CO5	apply the basic concept, provisions, principles, procedures, forms and cases laws followed and applied in Cr.P.C to practical problems in the subject	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
34	SEM IV (2018-2023)	010126402 - PP	T1150	Civil Procedure Code and Limitation Act II	60	CO1	Have procedural clarity to apply concepts in the realisation of their client's civil rights	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
34					60	CO2	Have critical thinking to apply the learned concepts.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
35	SEM IV (2018-2023)	010126403 - PP	T1032	Family Law II	60	CO1	understand succession issues vis-à-vis the changing laws in society and various other child related issues, gift and will.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H

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35					60	CO2	evaluate the strength of family laws in India	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
35					60	CO3	analyse the Uniform Civil Code and its applicability for the purposes of regulating the personal acts of family life that may emerge from time to time.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
35					60	CO4	evaluate the changes in family laws in context of socio-economic developments.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
35					60	CO5	apply law to problems in family disputes.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
36	SEM IV (2018-2023)	010126404 - PP	T2478	Human Resources and Total Quality Management	60	CO1	Learner will be able to describe, understand and apply the fundamentals of HRM.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
36					60	CO2	Learner will be able to describe & understand basics of TQM and role of HRM in TQM.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
37	SEM IV (2018-2023)	010126405 - PP	T2479	Organizational Behaviour	60	CO1	To provide knowledge and understanding about the systems and processes of an organization.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
37					60	CO2	To understand the human mind and their behaviour.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
37					60	CO3	To impart a comprehensive understanding of the concepts of Organizational Behaviour	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
37					60	CO4	To develop a better understanding into the dynamics of individual and group behaviour in an organization.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
38	SEM IV (2018-2023)	010126406 - PP	T1033	Property Law	60	CO1	Students will able to analysis different principles of the property transactions	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
38					60	CO2	Students, after study of this course will able to compare different modes of transfer modes of transfer of property by act of the parties	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H

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45					60	CO2	Learner will be able to introduce him/herself to others in Spanish.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
45					60	CO3	Learner will be able to read and understand medium and difficulty level texts and solve questions on the basis of same.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
45					60	CO4	Will help to develop intercultural and communicative skills.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
45					60	CO5	They will be able to understand Spanish literature.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
46	SEM IV (2018-2023)	010126414 - PP	T6398	Basic Hindi II	60	CO1	Learners will have the knowledge of basic Hindi Grammar.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
46					60	CO2	They will understand simple Hindi sentences.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
46					60	CO3	They will be able to translate simple Hindi passages.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
46					60	CO4	They will be able to speak in Hindi	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
46					60	CO5	They will be able to understand Hindi literature.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
47	SEM IV (2018-2023)	010126415 - PP	T6400	Basic Marathi II	60	CO1	Learners will have the knowledge of basic Marathi Grammar.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
47					60	CO2	They will understand simple Marathi sentences.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
47					60	CO3	They will be able to translate simple Marathi passages.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
47					60	CO4	They will be able to speak in Marathi.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
47					60	CO5	They will be able to understand Marathi literature.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
48	SEM V (2017-2022)	010126501 - PP	T1151	Law of Evidence	60	CO1	Students will able to apply principles of evidence to the hypothetical and factual circumstances.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L

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48					60	CO2	Students will able to appreciate evidence and also able to conduct examination of witnesses in the law court once they join litigation.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
48					60	CO3	Students will able to gather evidences (Oral / Documentary form).	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
48					60	CO4	Students will able to find out lacunae in the existing system	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
49	SEM V (2017-2022)	010126502 - PP	T1078	Company Law I	60	CO1	The students will be able to demonstrate thorough knowledge of the principles and practices of Company Law	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
49					60	CO2	The students will be able to file various forms for incorporation and registration of companies.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
50	SEM V (2017-2022)	010126503 - PP	T1372	Labour and Industrial Law I	60	CO1	understand in theoretical and jurisprudential foundation for a complete understanding about labour laws.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
50					60	CO2	understand general principles of labour and industrial laws in the light of the development and legislations, socio-economic scenario and human rights values to be enshrined in labour legislations.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
50					60	CO3	examine perspective methods of Labor disputes and welfare than by means of adjudication.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
50					60	CO4	understand how labor in different sectors are bound by different regulations	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
50					60	CO5	apply the knowledge gained to real problem scenarios	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
50					60	CO6	Identify the gaps in the law and provide suggestions for further research.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H

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54					60	CO2	Demonstrate a framework of psychological inquiry that leads to further understanding of the human brain and human behavior.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
54					60	CO3	Demonstrate an understanding of the basic findings within a variety of areas of psychology, including biological basis, consciousness, psychoactive drugs, motivation, personality and applications of psychology in the field of Law.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
55	SEM V (2017-2022)	010126508 - PP	T6488	Film Appreciation	60	CO1	To help students gain basic knowledge of cinema.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
55					60	CO2	To help students grapple with different cinematic traditions across the world and help them understand a general historical development of cinema.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
56	SEM V (2017-2022)	010126509 - PP	T6740	Theory and Application of Public Finance	60	CO1	This course aims to identify government activities and the alternative means of financing government expenditure.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
56					60	CO2	The students will be able to outline the impact of government expenditure, regulations, taxes, and borrowing on incentives to work, spend income, save and invest.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
56					60	CO3	Students will be able to understand what policies government should adopt for the betterment of the economy	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
57	SEM V (2017-2022)	010126510 - PP	T6644	International Political Economy and Trade	60	CO1	Theoretical perspectives on international political economy, the assumptions concerning appropriate unit of analysis and nature of interactions between units on which they are based, and their implications for policy	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M

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57					60	CO2	The student would have be conversant with contemporary debates on multilateralism and implications of international political economy on national policy making.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
58	SEM V (2017-2022)	010126511 - PP	T6483	Creative Writing	60	CO1	To distinguish between effective and non-effective writing.	-	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M
58					60	CO2	To describe and report events in factual as well as picturesque ways	-	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M
58					60	CO3	To discuss the facets of the English language	-	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M
58					60	CO4	To express themselves clearly and effectively	-	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M
59	SEM V (2017-2022)	010126512 - PP	T6454	International Relations	60	CO1	to gain greater understanding of world politics	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
59					60	CO2	to understand and answer central questions of world politics.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
59					60	CO3	to equip the students with the necessary historical as well as contemporary knowledge about the significant conflicts in these regions which has altered its geopolitics.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
60	SEM V (2017-2022)	010126513 - PP	T1003	Administrative Law	60	CO1	to understand the wider dimensions of the administrative law, stressing links with public administration and politics.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
60					60	CO2	understand and critically evaluate the process, principles and laws followed while exercising administrative, legislative and judicial powers by the administrative authorities.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
60					60	CO3	learn the functions of law in the administrative process and the controls on powers of administrative authorities.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H

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60					60	CO4	apply administrative law principles to complex legal problems and critique the operation of administrative law from a theoretical and practical perspective.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
60					60	CO5	understand and analyse alternative dispute resolution, including public inquiries and ombudsmen.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
61	SEM V (2017-2022)	010126514 - PP	T1342	Legal Skills VI(Advocacy, Simulation, Client Counselling)	60	CO1	Understand the core skills needed for effective law practice and emphasizes the skills they will need in the early years of practice	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
61					60	CO2	Identify and enhance the fundamental skills that all lawyers need regardless of practice setting	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
61					60	CO3	Draft effective legal documents, construct analytical arguments etc	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
61					60	CO4	Critically evaluate arguments in terms of the strength of evidence and reasoning	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
62	SEM V (2017-2022)	010126515 - PP	T1327	Human Rights Law and Practice	60	CO1	The students will be able to understand, critically analyse and apply the basic principles of Human Rights.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
62					60	CO2	This course will enable the students to make a comparison of the existing systems of promotion and protection of Human Rights at international level and at regional level and its effectiveness.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
62					60	CO3	The students will be able to spot the law, apply and solve the legal problem relating to vulnerable groups in India.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
62					60	CO4	It will help the students tocritically evaluate the role of NHRC, NGOs and the Media inpromotion and promoting the Human Rights.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H

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63	SEM V (2017-2022)	010126516 - PP	T1312	Banking Law	60	CO1	understand the various reforms in banking sector and will be updated with the knowledge of laws related to banking business in India.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
63					60	CO2	be able to analyze the various laws related to banking business in India and will be able to understand the various banker-customer relations depending on the functions and banking transactions.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
63					60	CO3	comprehend the various challenges and risks involved in the banking business such as NPAs and will be able to suggest overcoming from these challenges.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
63					60	CO4	4. be well acquainted with the laws related to Foreign Exchange as banking business has grown and widened its scope to the other countries as well.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
64	SEM V (2017-2022)	010126517 - PP	T1358	Intoduction to Intellectual Property Law	60	CO1	understand the fundamentals of Intellectual Property Rights and related protection systems	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
64					60	CO2	analyse the theoretical justification of IP	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
64					60	CO3	analyse the international regime, treaties and conventions on intellectual property rights	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
64					60	CO4	understand the various forms of IP such as Patent, Copyright, Trademark, Design, Geographical indication, traditional knowledge, Plant varieties, trade secret and Layout design of Integrated circuits	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
64					60	CO5	analyse contemporary issues relating to IPR including human rights aspects.	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H

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65	SEM V (2017-2022)	010126518 - PP	T1289	National Security Law	60	CO1	Student will understand the concept of National Security as a discipline and the conflict with the rule of law and human rights.	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
65					60	CO2	Student will be able to appraise the national security law in the context of law operating in US and UK.	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
65					60	CO3	Students will be able to apply the national security law to issues in the national security area.	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
66	SEM V (2017-2022)	010126519 - PP	T1325	Retail Business and Law	60	CO1	Be well versed in corporate working from a critical perspective in retail sector	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
66					60	CO2	analyse the various provisions of the Retail Law and the allied legislations relating to retail industry.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
66					60	CO3	ability to present an oral argument, to engage in discussions on controversial issues and to present written arguments	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
66					60	CO4	Be able to apply law in context and issues	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
67	SEM V (2017-2022)	010126520 - PP	T1334	Food Safety Laws	60	CO1	Identify the legal initiatives adopted with regard to food security laws.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
67					60	CO2	Analyze the legal measures adopted that examine the issues related to nutrition as a basic human right.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
67					60	CO3	Critically scrutinize the legal framework that addresses the food inadequacy issues.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
67					60	CO4	Comprehend the initiatives adopted to understand decision making process and policies in the light of legal framework, ethics and human rights.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H

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68	SEM V (2017-2022)	010126521 - PP	T1307	Private International Law	60	CO1	To provide an understanding of the problems inherent in legal situations involving cross border element(s)	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
68					60	CO2	To study and analyse the issues relating to jurisdiction in Private International Law Sphere	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
68					60	CO3	To understand and analyze the rules governing national and international recognition and enforcement of foreign judgments.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
68					60	CO4	To demonstrate the basic knowledge and understanding relating to jurisdiction and choice of law in various areas of choice of law including, Contract, Tort and Family law matters.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
69	SEM V (2017-2022)	010126522 - PP	T2276	Cross Cultural Management	60	CO1	Learner will be able to better understand the definition of culture and its relationship to business.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
69					60	CO2	Learner will be able to give the students a international perspective of managing business.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
69					60	CO3	Learner will be able to help students understand the cultural values and behaviours of different countries.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
69					60	CO4	Learner will be able to give insight into the relationship between national values and workplace attitudes and behaviours.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
69					60	CO5	Learner will be able to learn specific skills that will increase the student's ability to appreciate and assimilate cultural differences.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
70	SEM V (2017-2022)	010126523 - PP	T2460	Advertising and Public Relations	60	CO1	To give an overview of the discipline of advertising, the organization of the advertising business	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M

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73					60	CO2	Recognize and avoid potentially dangerous situations.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
73					60	CO3	Psychologically prepare the student for the possibility of attack.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
73					60	CO4	Develop a working knowledge in basic self-defence techniques from various disciplines.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
73					60	CO5	Acquire self-confidence, to instil the need and desire for physical conditioning, and a willingness to take affirmative action if actually assaulted.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
74	SEM VI (2017-2022)	010126603 - PP	T1080	Principles of Taxation Law	60	CO1	understand the theoretical concepts of taxation, direct and indirect tax laws.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
74					60	CO2	analyse the constitutional principles and provisions of taxation laws in India.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
74					60	CO3	understand the principles, provisions and procedures under the Income Tax law of India.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
74					60	CO4	apply the learning to real life tax computations relating to sources of income and file individual Income Tax Return.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
74					60	CO5	analyse the concepts and issues of international taxation and transfer pricing	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
75	SEM VI (2017-2022)	010126604 - PP	T1343	Forensic Science	60	CO1	Students will understand the importance of forensic science in legal field	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
75					60	CO2	Students will be able to elaborate the role of different forensic science expert inadministration of justice	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
75					60	CO3	Students will connect be able to link the forensic law principles with admissibility of expert witness under law of evidence.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L

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75					60	CO4	Students will be able to evaluate the importance and relevance of forensics in solving offences	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
75					60	CO5	Apply the skills to issues and problems	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L
76	SEM VI (2017-2022)	010126605 - PP	T1045	Public International Law	60	CO1	To better understand the International Order.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
76					60	CO2	To have thorough knowledge about the working of the International Organizations and Specialized agencies.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
76					60	CO3	To have gained comprehensive command on the theories of International Law.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
76					60	CO4	To have better awareness and consciousness about the working of the International Criminal Court.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
77	SEM VI (2017-2022)	010126606 - PP	T1084	Corporate Governance and Finance	60	CO1	To give the students a brief overview of the financial transactions and the importance of good governance and business ethics in an organization;	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
78	SEM VI (2017-2022)	010126607 - PP	T1373	Labour and Industrial Law II	60	CO1	Demonstrate and be familiar with the major rules and principles governing the areas of labour and industrial laws.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
78					60	CO2	Critically analyze the various legislations governing industrial relations, employee security, dispute resolution, prevention of sexual harassment etc.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
78					60	CO3	Contribute to the development of the principles of labour laws sensitization in the light of the development and legislations, ethics, values and human rights to be implemented by corporations	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H

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78					60	CO4	Test the acquired knowledge and practical know how by visit to trade union office, Employee state insurance corporation, Pune Municipal Corporation, including future cases involving disputes.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
78					60	CO5	To acquaint the students with comparative and international perspectives with a view to bringing out the essential awareness of the national and international systems emerging at the present context.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
79	SEM VI (2017-2022)	010126608 - PP	T1366	Patent Law and Practice	60	CO1	Comprehension of complex concepts not only pertaining to procedure and practice of patent law, but also those of drafting a patent specification.	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
80	SEM VI (2017-2022)	010126609 - PP	T1329	Penology and Victimology	60	CO1	understand correctional practices, reforms, and their consequences as well as various theories of social control	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
80					60	CO2	Understand the various alternatives to punishment in order to achieve the goal of reformation.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
80					60	CO3	Analyze connection between the victims and the offenders.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
80					60	CO4	Apply the skills learnt during the course from practical dimensions.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
81	SEM VI (2017-2022)	010126610 - PP	T1464	Media And Entertainment Law	60	CO1	Analyse the legal framework of Media and Entertainment laws in India.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
81					60	CO2	Identify the laws governing the Entertainment industry in India.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
81					60	CO3	Critically analyse the constitutionality of media freedom and its impact in the society.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H

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81					60	CO4	Understand and appreciate the broadcasting and advertisement laws.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
81					60	CO5	Understand laws relating to celebrity management and social media.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
81					60	CO6	Apply the skills learnt during the course in internships and in case they decide to pursue litigation or join the media and entertainment industry as in-house counsels.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
81					60	CO7	Discuss the ethical, moral and human rights dimensions pertaining to media and entertainment industry	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
82	SEM VI (2017-2022)	010126611 - PP	T1367	Copyright Law	60	CO1	be able to apply the theoretical knowledge to practical aspects of copyright law	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H
82					60	CO2	be able to analyse the national framework, international framework and contemporary issues in copyright protection.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H
83	SEM VI (2017-2022)	010126612 - PP	T1368	E-Commerce Law	60	CO1	providing a holistic understanding of the field of E-commerce Laws in India and the contemporary issues regarding E-commerce.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
84	SEM VI (2017-2022)	010126613 - PP	T1296	International Trade and Economics	60	CO1	To understand World Economic order and Contributions of various International Agencies to growth of International trade	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Moderate-M	Weak-L
84					60	CO2	To apply the rules of international trade as developed by GATT and WTO to current issues in international trade	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Moderate-M	Weak-L
84					60	CO3	To analyse the impact of international trade law on international trade in goods and services.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Moderate-M	Weak-L
85	SEM VI (2017-2022)	010126614 - PP	T1350	Right to Information Law	60	CO1	Analyse the legal aspects in the Right to Information Act in the light of ethics, value and human rights.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H

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85					60	CO2	Analyse the Public Authorities and their Obligations under the Right to Information Act.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
85					60	CO3	Explain the Role of Public Information Officers.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
85					60	CO4	Identify the Exemptions from Disclosure of Information, Partial Disclosure and "Third Party" Information.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
85					60	CO5	Identify how RTI can help in good governance.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
86	SEM VI (2017-2022)	010126615 - PP	T1351	Health Law	60	CO1	explore various areas of the law that deal with creating and maintaining and regulating 'health.'	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
86					60	CO2	to give comprehensive and practical approach to the students to make them aware of the developments in medical sciences, to explore various issues	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
86					60	CO3	to enable them to be equipped to face the recent challenges raised by the modern issues in contemporary era.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
87	SEM VI (2017-2022)	010126616 - PP	T1352	Sexual Harassment Law	60	CO1	The capacity to identify the cases of sexual harassment	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H
87					60	CO2	To show what prevents the cases of sexual harassment from being reported	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H
87					60	CO3	To explain the existing gaps in the enforcement of law in the cases of sexual harassment	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H
87					60	CO4	The ability to distinguish sexual harassment from the other offences against women	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H
88	SEM VI (2017-2022)	010126617 - PP	T2273	Emotional Intelligence for Personal Growth	60	CO1	Learner will be able to describe the theoretical aspects of Emotional intelligence.	-	-	-	-	-	-	-	Weak-L	Moderate-M	Weak-L
88					60	CO2	Learner will be able to illustrate the importance of being emotionally intelligent individual.	-	-	-	-	-	-	-	Weak-L	Moderate-M	Weak-L

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88					60	CO3	Learner will be able to identify one's own emotions and also know others in a better way.	-	-	-	-	-	-	-	Weak-L	Moderate-M	Weak-L
88					60	CO4	Learner will be able to acquire emotional and social skills required for handling interpersonal relationships.	-	-	-	-	-	-	-	Weak-L	Moderate-M	Weak-L
88					60	CO5	Learner will be able to apply emotional intelligence skills for effective team work	-	-	-	-	-	-	-	Weak-L	Moderate-M	Weak-L
89	SEM VI (2017-2022)	010126618 - PP	T2272	Coaching, Counselling and Mentoring	60	CO1	To define coaching, employee counseling and mentoring	-	-	-	-	-	-	-	Moderate-M	-	Moderate-M
89					60	CO2	To outline the process of building a coaching and mentoring relationship.	-	-	-	-	-	-	-	Moderate-M	-	Moderate-M
89					60	CO3	To compare and contrast coaching and mentoring and describe the importance of each	-	-	-	-	-	-	-	Moderate-M	-	Moderate-M
90	SEM VI (2017-2022)	010126619 - PP	T2461	Basics of International Marketing	60	CO1	student will learn Marketing procedures and practices at a international level	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
90					60	CO2	Learner will know how marketing strategies change at the international level	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
90					60	CO3	Learner will understand the requirement in having a global marketing perspective, challenges and issues.	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
91	SEM VI (2017-2022)	010126620 - PP	T2462	Basics of Retail Marketing	60	CO1	Understanding importance of retail management. Learning retail management concepts, types and location of retailing.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M
91					60	CO2	Discussion on strategies used by retailers. Learning basics of Merchandise management at retailers.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M
91					60	CO3	Understand pricing policies, communication mix used by retailers and brief discussion on store operations management and visual merchandising	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M

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95	SEM VI (2017-2022)	010126624 - PP	T5429	Society, Environment and Design	60	CO1	To understand how meaning is generated, disseminated, and produced from the social, political and economic spheres within a given culture.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	
95					60	CO2	Know Cultural studies as an academic discipline aiding cultural researchers who theorize about the forces from which the whole of humankind construct their daily lives.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
95					60	CO3	The study of environment related behavior in design.	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
95					60	CO4	To study Society and Humanity program researches and environmental problems from the perspective of urban sociology, examining the ways in which residents control environmental problems, in the context of the formation of social norms.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	
95					60	CO5	To take an active part for training the NGO's.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
96	SEM VI (2017-2022)	010126625 - PP	T5423	History of Arts and Design	60	CO1	To take inspiration from the designs in past and show the contemporize version of that inspiration in today's time.	-	-	-	-	-	-	-	-	-	-	
97	SEM VI (2017-2022)	010126626 - PP	T3613	Block Chain	60	CO1	Understanding Block chain & Crypto currencies and how they can be used as a tool to increase the speed, security, efficiency and transparency in financial and non-financial world.	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L	
98	SEM VI (2017-2022)	010126627 - PP	T2984	Personal Finance	60	CO1	To appreciate the importance of financial planning	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	
98					60	CO2	To understand the nuances of various investment instruments available with their taxation structure.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	

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98					60	CO3	At the end of the program participants will prepare a personal investment roadmap for financial wellbeing.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
99	SEM VI (2017-2022)	010126628 - PP	T2744	Services Marketing	60	CO1	Analyse and apply the knowledge of Service Marketing concepts, and growing importance of Service Industry.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
99					60	CO2	Compare, discuss and ably utilize the tools and techniques used in services marketing.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
99					60	CO3	Analyze and apply services marketing concepts to business situations.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
100	SEM VII (2016-2021)	010126701 - PP	T1149	Civil Procedure Code and Limitation Act I	60	CO1	To impart knowledge of civil procedure to the students.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
100					60	CO2	To provide knowledge about the history the Code of Civil Procedure in India and the details of procedure for redressal of civil rights.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
100					60	CO3	To learn and understand the procedure of filing the suit in the court, the documents in support and against, evidence taken, dimensions of an interim order, the peculiar nature of the suits.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
100					60	CO4	To learn and understand the complexities of executing a decree and provisions for appeal and revision.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
100					60	CO5	To impart the students the procedural aspects in the civil court practice.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
101	SEM VII (2016-2021)	010126702 - PP	T1080	Principles of Taxation Law	60	CO1	understand the theoretical concepts of taxation, direct and indirect tax laws.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
101					60	CO2	analyse the constitutional principles and provisions of taxation laws in India.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
101					60	CO3	understand the principles, provisions and procedures under the Income Tax law of India.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H

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101					60	CO4	apply the learning to real life tax computations relating to sources of income and file individual Income Tax Return.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
101					60	CO5	analyse the concepts and issues of international taxation and transfer pricing	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H
102	SEM VII (2016-2021)	010126703 - PP	T1152	Human Rights Law and Practice	60	CO1	The students will be able to understand, critically analyse and apply the basic principles of Human Rights.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Weak-L
102					60	CO2	This course will enable the students to make a comparison of the existing systems of promotion and protection of Human Rights at international level and at regional level and its effectiveness.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M
102					60	CO3	The students will be able to spot the law, apply and solve the legal problem relating to vulnerable groups in India.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M
102					60	CO4	It will help the students to critically evaluate the role of NHRC, NGOs and the Media in promotion and promoting the Human Rights.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M
103	SEM VII (2016-2021)	010126704 - PP	T1153	Gender Justice and Feminist Jurisprudence	60	CO1	Capacity to identify difference between sex, gender and sexual orientation	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
103					60	CO2	Skill to recognize the interplay of law, sexuality and patriarchy in the law reform projects	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
103					60	CO3	Ability to explain functioning of legal provisions and judicial responses from the perspectives of the deprived and powerless groups in society	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
103					60	CO4	Capacity to identify the problems of gender in sectors which are considered to be gender neutral so far	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H

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103					60	CO5	Skill to criticize the policy making from the gender perspective	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
104	SEM VII (2016-2021)	010126705 - PP	T1046	Humanitarian and Refugee Law	60	CO1	Understand the basic legal concepts and norms of International Humanitarian and Refugee Law. the rights and responsibilities of different actors in the contemporary international refugee regime.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
104					60	CO2	Critically analyse the role of international, regional and national institution in humanitarian and refugee crisis.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
104					60	CO3	Spot the inadequacies and issues in application of the laws, and solve the legal problem persons in armed conflicts and refugee crisis.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
105	SEM VII (2016-2021)	010126706 - PP	T1081	Merger and Acquisitions	60	CO1	Students will be able understand the process M&A and will be able to develop skills in analyzing real world M&A cases	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
105					60	CO2	Students will be able to demonstrate competency in analyzing risks associated with acquisition process	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
105					60	CO3	Students will be able to evaluate laws regulating M&A in India.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
105					60	CO4	Students will be able to appraise the various issues relating to treatment of IPR in M&A	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
105					60	CO5	Students will be able to describe major elements of the acquisition process with special reference to financing decisions, taxation implications, restructuring options, cross-border acquisitions, and regulatory intervention.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
105					60	CO6	Students will be able to apply competition law in respect to M&A in India	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H

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106	SEM VII (2016-2021)	010126707 - PP	T1047	International Trade and Economics	60	CO1	To introduce the students to the International Trading System under the World Trade Organisation and the various agreements and annexures under it.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
106					60	CO2	It aims at enhancing the understanding of the students to the WTO law and its role in regulation of International Trade.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
107	SEM VII (2016-2021)	010126708 - PP	T1082	Banking Law	60	CO1	understand the various reforms in banking sector and will be updated with the knowledge of laws related to banking business in India.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
107					60	CO2	be able to analyze the various laws related to banking business in India and will be able to understand the various banker-customer relations depending on the functions and banking transactions.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
107					60	CO3	comprehend the various challenges and risks involved in the banking business such as NPAs and will be able to suggest overcoming from these challenges.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
107					60	CO4	4. be well acquainted with the laws related to Foreign Exchange as banking business has grown and widened its scope to the other countries as well.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
108	SEM VII (2016-2021)	010126709 - PP	T1083	Insurance Law	60	CO1	Knowledge of conceptual and operational aspects of Insurance Law Principles	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
108					60	CO2	To analyse legal provisions and apply legal principles established through statute, precedent and customs in Insurance Law to real life cases.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H

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108					60	CO3	To draft clauses which can be incorporated into Insurance policies, recognising different kinds of policies, insurance covers, requisite documentation and other legal procedures.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
108					60	CO4	To evaluate legal principles applicable to insurance contracts in India, in comparison with international principles and practices.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
109	SEM VII (2016-2021)	010126710 - PP	T1203	Intellectual Property Law	60	CO1	understand the fundamentals of Intellectual Property Rights and related protection systems	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
109					60	CO2	analyse the theoretical justification of IP	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
109					60	CO3	analyse the international regime, treaties and conventions on intellectual property rights	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
109					60	CO4	understand the various forms of IP such as Patent, Copyright, Trademark, Design, Geographical indication, traditional knowledge, Plant varieties, trade secret and Layout design of Integrated circuits	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
109					60	CO5	analyse contemporary issues relating to IPR including human rights aspects.	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
110	SEM VII (2016-2021)	010126711 - PP	T1275	Competition Law	60	CO1	The students shall be able to asses and analyze anti-competitive practices in the light of the legislative provisions and case laws	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
110					60	CO2	The students shall be able to apply the legislative provisions to the procedurals aspects of competition law	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H

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110					60	CO3	The students will be able to identify and infer the lacunas in the existing provisions relating to competition law which requiring further changes.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
110					60	CO4	The student will be able to analyze instances of abuse of dominance by undertakings.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
111	SEM VIII (2016-2021)	010126801 - PP	T1151	Law of Evidence	60	CO1	Students will able to apply principles of evidence to the hypothetical and factual circumstances.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
111					60	CO2	Students will able to appreciate evidence and also able to conduct examination of witnesses in the law court once they join litigation.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
111					60	CO3	Students will able to gather evidences (Oral / Documentary form).	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
111					60	CO4	Students will able to find out lacunae in the existing system	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H
112	SEM VIII (2016-2021)	010126802 - PP	T1150	Civil procedure Code and Limitation Act II	60	CO1	Have procedural clarity to apply concepts in the realisation of their client's civil rights	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
112					60	CO2	Have critical thinking to apply the learned concepts.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
113	SEM VIII (2016-2021)	010126803 - PP	T1204	Forensic Science	60	CO1	Students will understand the importance of forensic science in legal field	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
113					60	CO2	Students will be able to elaborate the role of different forensic science expert inadministration of justice	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
113					60	CO3	Students will connect be able to link the forensic law principles with admissibility of expert witness under law of evidence.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H

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113					60	CO4	Students will be able to evaluate the importance and relevance of forensics in solving offences	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
113					60	CO5	Apply the skills to issues and problems	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H
114	SEM VIII (2016-2021)	010126804 - PP	T1048	International Criminal Law	60	CO1	To Understand the theoretical assumptions of core international crimes and critical approaches to international criminal law.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
114					60	CO2	To analyse the relationship between national and international jurisdiction for the prosecutions of international crimes.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
114					60	CO3	To understand the basic workings of international criminal tribunals, in particular the permanent International Criminal Court.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
114					60	CO4	To understand the basic provisions of the procedural and evidentiary systems and the main problems of international criminal investigation.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
115	SEM VIII (2016-2021)	010126805 - PP	T1154	Penology & Victimology	60	CO1	understand correctional practices, reforms, and their consequences as well as various theories of social control	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
115					60	CO2	Understand the various alternatives to punishment in order to achieve the goal of reformation.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
115					60	CO3	Analyze connection between the victims and the offenders.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
115					60	CO4	Apply the skills learnt during the course from practical dimensions.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
116	SEM VIII (2016-2021)	010126806 - PP	T1004	Media Law	60	CO1	To study the various laws and regulations concerning the mass media	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M

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116					60	CO2	To study how the media works within such a system and plays a constructive role to further the cause of democracy.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
117	SEM VIII (2016-2021)	010126807 - PP	T1205	Information Technology Law	60	CO1	Analyze the legal framework of Information Technology laws.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
117					60	CO2	Understand basic concepts under Information Technology Act, 2000 such as digital signature, electronic signature. E-commerce, e-governance etc.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
117					60	CO3	Examine the impact of Information Technology Act, 2000 on the Society.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
117					60	CO4	Explain various definitions, taxation schemes and working of Information Technology Act, 2000.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
117					60	CO5	Analyze various offences under the Information Technology Act, 2000.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
118	SEM VIII (2016-2021)	010126808 - PP	T1086	International Banking and Finance	60	CO1	be able to analyze the causes of financial crisis and will be able to suggest the remedy/norms to reduce these kinds of financial crises.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
118					60	CO2	understand the historical background, development of international banking business and its regulatory regime and will be well acquainted with the various issues, challenges, risks involved into the international banking business.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H

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118					60	CO3	be able to comprehend the various overlapping legal and regulatory regimes applying to banks and bank holding companies by studying concept of choice of laws and will be imminent with the information of functioning of financial market which is very versatile and will be able to interpret the various financial concepts.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
118					60	CO4	be able to analyze the functions of international financial institutions and its basic governance structure.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
119	SEM VIII (2016-2021)	010126809 - PP	T1206	Trade in Intellectual Property	60	CO1	analyse the relation between trade and different types of IPR	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
119					60	CO2	analyse the trade related, economic and international perspectives of IP	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
119					60	CO3	distinguish between the several modes of commercialization of IP	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
119					60	CO4	compare between the modes of enforcement of IP	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
120	SEM VIII (2016-2021)	010126810 - PP	T1085	General Agreement on Tariff and Trade	60	CO1	To the International Trading system.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
120					60	CO2	It aims at enhancing the understanding of the students to the GATT law and its role in regulation of international trade with its linkages to WTO.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H
121	SEM VIII (2016-2021)	010126811 - PP	T1049	International Organization	60	CO1	Understand the functioning of international organization.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
121					60	CO2	Understand and examine the history and contemporary developments in some of the more visible international organizations like the UN and the EU.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
121					60	CO3	Analyze areas of co-operation in international relations and assess the role of international organization like the UN in fostering change.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
121					60	CO4	Discuss the general topic of regionalism as an approach to understanding international relations.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
122	SEM VIII (2016-2021)	010126812 - PP	T1278	Energy Law	60	CO1	Students will be able to understand specific sectoral legal issues and the nature of energy business via visiting the legislations under the Electricity Act.	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
122					60	CO2	Students will be able to appreciate the critical legal issues relating to energy, environment and society. Students will be able to map various laws and policies relating to energy sector which can help in achieving a sustainable economy.	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
122					60	CO3	The students will be able to understand the processes; statutory, administrative and judicial in the interpretation of the laws and regulations governing the sector via the study of role, powers and functions of the regulatory bodies that govern the Energy Sector.	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
123	SEM VIII (2016-2021)	010126813 - PP	T1279	Entertainment Law	60	CO1	to study different laws and regulations which guide the developing jurisprudence of entertainment Industry.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M
123					60	CO2	To study and understand the evolution of media and entertainment law from Press to social media to technology and convergence, its impact on society and the law implemented to contain the effect of the same both in the national as well as international arena.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
124	SEM IX (2015-2020)	010126901 - PP	T1087	Labor and Industrial Law	60	CO1	To impart knowledge and understanding about Labour and Industrial law.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
124					60	CO2	To learn about the historical perspective of labour and different labour organizations.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
124					60	CO3	To understand the concept and scope of Industrial relations and labour welfare.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
125	SEM IX (2015-2020)	010126902 - PP	T1155	Drafting, Pleading and Conveyance (Clinical Course I) 3	60	CO1	To teach drafting skills through class instructions and simulation exercises, preferably with assistance of practising lawyers/retired judges. The course deals with the basics of drafting rules.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
126	SEM IX (2015-2020)	010126903 - PP	T1156	Alternative Dispute Resoulution (clinical Course II) 4	60	CO1	Know the modalities and techniques of dispute resolution to act as soldiers of justice in the ever-changing socio-economic scenario.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
126					60	CO2	have insight into the processes of Arbitration and other forms of ADRS like Conciliation and Mediation.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
126					60	CO3	be able to use both written and oral communication skills in simulated scenarios	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
126					60	CO4	be able to analyse practical impact of legal rules and practices and have understanding of the broader social, economic and political context in which law is and could be, used or applied	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
126					60	CO5	be well versed in the national and international systems emerging at the present context in dispute resolution.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
127	SEM IX (2015-2020)	010126904 - PP	T1050	Comparative Criminal Procedure	60	CO1	Understand the rules and Procedures of the different phases of the Criminal Procedure in India, China, France, US and Russia.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
127					60	CO2	Interpret the procedures of various countries to find out the advantages and disadvantages of the procedures in the criminal justice systems	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
127					60	CO3	Understand the value and impact of Constitutional Law and Human Rights Law on criminal procedure in general.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
128	SEM IX (2015-2020)	010126905 - PP	T1051	Comparative Constitution	60	CO1	The students will be able to comprehend and correlate the text of constitution of different political systems with judicial decisions, scientific works	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
128					60	CO2	The students will be able to understand the principles of Constitutionalism and the contextual application mechanisms	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
128					60	CO3	The students will be able to critically analyse the functions of the Executive, Legislature and Judiciary as well as the Constitutional & political equation and framework governing their exercise of Power	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
128					60	CO4	The students will be able to develop the skill set for further research and enquiry	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
129	SEM IX (2015-2020)	010126906 - PP	T1088	Investment Law	60	CO1	Identify the legal provisions and principles applicable in Investment and Securities law to a real life situation.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
129					60	CO2	Evaluate and analyse corporate practices and the emphasis on ethics and human rights values	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
129					60	CO3	Evaluate and criticize the regulatory principles governing issuance and management of securities	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H

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129					60	CO4	Apply regulatory principles to real life fact situation regarding issuance and management of securities for investment	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H
130	SEM IX (2015-2020)	010126907 - PP	T1052	Trade & Services in Emigration	60	CO1	The students is expected to clarifythe various examples, theories as well as problems associated with migration at the international level.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
130					60	CO2	The students are expected to demonstrate how the state control over its migrants, theories of citizenship, international economic theories of migration andvarious laws and Actspertaining to migration under the International Law.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
130					60	CO3	The students should understand and be able to explain the meaning of emigration, relation to international trade, international treaties and conventions related to migration with special emphasis to India, and its key issues.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
130					60	CO4	The student be able to analyze the relationship between International Trade and migration, trade agreements and immigration, movement of people under International law and trade agreements.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
130					60	CO5	The students will be able to compare several international organization like ILO, IOM and their conventions involved in the process of migration.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
130					60	CO6	The student should be able to tell the role of the international organization, in terms of principles, objective and structure and conventions.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
130					60	CO7	The student should able to identify the key problems associated with international terrorism, migration and environmental hazards.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
131	SEM X (2015-2020)	0101261001 - PP	T1157	Professional Ethics and Professional Accounting System (Clinical Course III) 6	60	CO1	To understand about professional ethics of lawyers and the duty to enable the profession with the legal and moral ethics.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Strong-H	Weak-L
131					60	CO2	To train the students about the rules of ethics which are codified in the form of Advocates Act and Contempt of Court Act.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M
131					60	CO3	To make the students understand about the bar and bench relations.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M
131					60	CO4	To inculcate the ethics in the budding lawyers for helping them in facing the challenges of their practical law careers coupled with recording of BCI's disciplinary actions with Practical journal.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M
132	SEM X (2015-2020)	0101261002 - PP	T1158	Moot Court Exercise and Internship (Clinical Course IV) 7	60	CO1	Understand not only the application of law in practice, but also the citation of relevant rulings and the art of convincing the judges.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
132					60	CO2	Be able to prepare the case for achieving success as a lawyer and further the student will able to present the case and come out with a clear statement of points in controversy.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
132					60	CO3	Be able to understand working of the Civil Case and Criminal Case proceedings.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
132					60	CO4	Be able to deal with the client and collect the relevant information.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
132					60	CO5	Be in position to understand the nature of the case, issues involved in the case using interview technique.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
132					60	CO6	Be able to understand and apply formats of memorial and other documents in the court practice.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
132					60	CO7	Be able to prepare memorial and other documents required for court proceedings.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
133	SEM X (2015-2020)	0101261003 - PP	T1806	Projects and Presentation	60	CO1	To inculcate research skills in students	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
133					60	CO2	To apply law in context.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
134	SEM X (2015-2020)	0101261004 - PP	T1089	Financial and Systemic Fraud	60	CO1	student will be able to understand issues and challenges towards financial fraud and the systems.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
134					60	CO2	be able to frame the preventive and remedial standard operating processes, practices and policy framing.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
134					60	CO3	to know the criminological theories which apply to these kinds of crimes and criminals.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
134					60	CO4	be able to evaluate the control of financial frauds in the backdrop of ethics, morals and values and its economic impact.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
134					60	CO5	be able to analyse financial frauds in its various forms in the light of socio economic and political scenario.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
135	SEM X (2015-2020)	0101261005 - PP	T1053	UNCITRAL Model Codes	60	CO1	Identify the development of UNCITRAL Laws and be able to ascertain its contribution in International Trading Regime.	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
135					60	CO2	describe working of UNCITRAL under the ages of UNO.	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H

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135					60	CO3	analyze and critically appreciate provisions relating to International Sale of Goods and related transaction, transport of Goods, public procurement and issues in International trade such as International payments and electronic commerce.	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H
135					60	CO4	access, apply and use acquired knowledge in solving contemporary problems of theoretical and practical nature.	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO1	By Studying law in the particular context of humanities and social sciences the students are groomed to respond to governance, administration and human behavior.
2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	Student's gain an edge over other peers to lead and shape social and public enterprises such as the State, Community Organization and Business Enterprises.
3	GA2	Global citizenship: ethical, social and professional understanding	PO3	Course curriculum facilitates learning Law in profound way in response to contemporary development with hands on experience in legal knowledge and skills in value frame work in a fast changing India set in a de-globalizing world.
4	GA2	Global citizenship: ethical, social and professional understanding	PO4	The Student will be groomed in intellectual integrity and ethics.
5	GA1	Scholarship: research, inquiry and lifelong learning	PO5	The Student will improve cognitive, problem solving skills, independent critical thinking with research capabilities'.
6	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO6	Students will be able to cultivate the ability to appreciate role of lawyers in justice education in Globalizing world, Sustainability, Poverty and Vulnerability.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
1	SEM I	010323101 - PP	T1029	Law of Contract	60	CO1	To provide an outline of historical foundation on which the present contract law stands.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
1					60	CO2	To develop an understanding about the law relating to the contracts.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
1					60	CO3	To develop an insight into the various aspects of contract law and introducing the students with the provisions of the Indian Contract Act 1872.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
2	SEM I	010323102 - PP	T4243	English	60	CO1	TO enable the students to appreciate the aesthetics in literature	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M
2					60	CO2	To find the relation between literature and law	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
2					60	CO3	To enhance the speaking abilities of the students	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
2					60	CO4	To enhance the drafting skills of the students	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
3	SEM I	010323103 - PP	T6758	History I: History of Law & Legal Institutions in Ancient & Medieval India	60	CO1	To provide insights in reading, analyzing and understanding the historical contexts of legal history.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
3					60	CO2	To understand the Legal History and institutions across various periods in history with special reference to continuity and change from Ancient to medieval period.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
3					60	CO3	To understand the legal history of political establishments, social institutions and thus evaluate the legal and judicial structures and process.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
4	SEM I	010323104 - PP	T6771	Sociology	60	CO1	To equip young minds to understand sociological perspectives so as to enhance legal understanding of the problem in hand.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
4					60	CO2	To learn to identify social stratification and social structure, changing nature of social institutions and related social dynamics and social problems of Indian society.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
4					60	CO3	To build the knowledge base and apply it to different facets of society.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
4					60	CO4	To examine different sociological concepts and social institutions like gender, religion, caste, class, education and family.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
4					60	CO5	To make use of sociological concepts in understanding the laws and judicial system.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
5	SEM I	010323105 - PP	T3246	Legal Database	60	CO1	To understand the different legal databases that can be used by students in the legal research	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
5					60	CO2	To develop law students abilities for the usage of electronic resources from the databases for legal research	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
5					60	CO3	To be able to apply the information available on legal databases to conduct research	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
6	SEM I	010323106 - PP	T1460	Law of Torts including MV Accident and Consumer Protection Laws I	60	CO1	To acquire a general understanding of the importance of Law of Torts and the Motor Vehicle Accidents Act	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
6					60	CO2	To acquire a detailed knowledge and understanding of selected, individual areas of the law of torts. To discuss the law of private rights and remedies which are not covered by statute.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
6					60	CO3	To enable the students to appreciate the concepts and principles underlying the law of torts and identify the recognized forms of torts and its sources.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

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6					60	CO4	To understand the operation of, and recognise the large potential of expansion of this branch of law which governs actions for damages for injuries to certain kinds of rights, like the right to personal security, property and reputation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
6					60	CO5	To expand and apply the principles of Law of Torts in contemporary areas like Human Rights, Environmental Rights, and Intellectual Property Rights.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
6					60	CO6	To provide subject matter that lends itself to an exploration of common law legal reasoning including, introducing theoretical and critical perspectives on judicial reasoning.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
7	SEM I	010323107 - PP	T1534	Indian Legal System, Legal Methods and Research Methods	60	CO1	To build students understanding in relation to primary governing principles of Indian Legal System as a whole	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
7					60	CO2	To enable them to understand the foundation and basic working of each wing of the government and their hierarchical authority	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
7					60	CO3	To inculcate the importance of having alternate dispute resolution mechanism.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
7					60	CO4	To introduce them to the basic methods of legal research.	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
8	SEM I	010323108 - PP	T1548	Legal Research Writing	60	CO1	To acquaint the students with the basics of Legal Research and different types of legal writings.	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
8					60	CO2	To introduce the students to Legal Research Methods and Methodology.	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
8					60	CO3	To familiarize the students with citation styles, specifically, the Bluebook style of citation.	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
9	SEM I	010323109 - PP	T1335	Legal Skills I (Research)	60	CO1	To understand the basic principles of legal research	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
9					60	CO2	To pursue the principles of research in legal studies and ethics in legal research	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
9					60	CO3	To understand the sources of legal research and application of research tools	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
9					60	CO4	To impart the importance of research objective, questions, hypothesis, and methodology	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
9					60	CO5	To introduce the students to legal citation form and its application in legal research writing	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L

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10	SEM II	010323201 - PP	T1030	Special Contract	60	CO1	To provide an outline of special types of contracts and their peculiar features as per Indian Contract Act, 1872	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
10					60	CO2	To develop an application based understanding about the law relating to the contracts, sale of goods, partnership and negotiable instrument act.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
10					60	CO3	To develop analytical skill-set among the students so as to interpret the issue pertaining to the law relating to contract, sale of goods, partnership and negotiable instrument	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
11	SEM II	010323202 - PP	T1402	Constitutional Law I	60	CO1	To understand the scheme of public law through the Indian Constitution.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
11					60	CO2	To understand various underlying principles of Constitutional Law	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
11					60	CO3	To make the students familiar with the importance and application of Constitutional Law	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
11					60	CO4	To find out about the Constitutional remedies for the enforcement of the fundamental	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
11					60	CO5	To gain knowledge regarding development of the Constitution through amendments, constitutional practice, conventions and judicial decisions.	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H
11					60	CO6	To enable students with the practical aspects of this subject.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
12	SEM II	010323203 - PP	T6753	English (Advanced)	60	CO1	To enable the students to mirror the society through literature	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
12					60	CO2	To sensitise the students with various social issues	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
12					60	CO3	To developing the legal drafting skills with literary citations	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
13	SEM II	010323204 - PP	T6759	History II History of Law and Legal Institutions in Medieval and Modern India	60	CO1	To sensitise the students with evaluation of legal system in india	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
13					60	CO2	To enable the students to make comparative analysis between old and new laws	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
13					60	CO3	To enable the students to understand the hstroical reasons to in the evaluation of law	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
14	SEM II	010323205 - PP	T6763	Political Science I	60	CO1	To acquire basic knowledge about political thinkers and theories.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
14					60	CO2	To disseminate knowledge of the concepts in political science.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
26					60	CO6	To equip students with the practical aspects of this subject.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
27	SEM III	010323309 - PP	T6184	Law of Crimes Paper I: Penal Code	60	CO1	To familiarize the students with the key concepts regarding crime and criminal law.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
27					60	CO2	To expose the students to the range of mental states that constitutes mens rea essential for committing crime.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
27					60	CO3	To teach specific offences under the Indian Penal Code, 1860	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
27					60	CO4	To equip the students to use various legal reasoning and research techniques, various methods of interpreting a statute and analysis of cases (IRAC method) like identifying the facts, issues and how to analyze both in line with legal theories.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
27					60	CO5	To keep students abreast of the latest developments and changes in the field of Criminal Law.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
28	SEM III	010323310 - PP	T6186	Civil Procedure Code and Limitation Act I	60	CO1	To analyse the crucial importance of Civil Procedure Code and the Limitation Act in Civil Proceedings	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
28					60	CO2	To familiarize the students with the key concepts and foundation of civil proceedings.	Strong-H	Moderate-M	-	Moderate-M	Strong-H	Strong-H
28					60	CO3	To keep students abreast of the latest developments and changes in the field of Civil law	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
28					60	CO4	To understand the Code of Civil Procedures and rules relating to Pleadings	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
28					60	CO5	To equip the students to use various legal reasoning and research methodologies.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
29	SEM III	010323311 - PP	T6281	Political Science II	60	CO1	To acquire basic knowledge about political thinkers and theories	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
29					60	CO2	To disseminate knowledge of the concepts in political science	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
29					60	CO3	To develop a good measure of critical thinking from an observational and theoretical standpoint.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
29					60	CO4	To apply theoretical concepts to specific international or domestic political issues.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
29					60	CO5	Locate current political issues in the context of wider debates on state and civil society.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
30	SEM III	010323312 - PP	T6397	Economics	60	CO1	To Understand the economic concepts	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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33					60	CO3	To make the students speak in day-to-day conversation in Sanskrit	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
33					60	CO4	To introduce the students to some selected passages from Sanskrit literature containing the peculiarity of Sanskrit language and to enhance the knowledge of ancient Indian Law	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
34	SEM IV	010323402 - PP	T6185	Basic German II	60	CO1	To construct / use simple sentences or everyday expressions when dealing with various situations in daily life	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
34					60	CO2	Can read and understand medium level difficulty level texts and Can communicate in a simple manner, Can respond to simple and uncomplicated speech.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
34					60	CO3	To develop intercultural and communicative skills	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
35	SEM IV	010323403 - PP	T6765	Basic French II	60	CO1	To construct / use simple sentences or everyday expressions when dealing with various situations in daily life	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
35					60	CO2	Can read and understand medium level difficulty level texts and Can communicate in a simple manner. Can respond to simple and uncomplicated speech	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
35					60	CO3	To develop intercultural and communicative skills .	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
36	SEM IV	010323404 - PP	T6189	Basic Spanish II	60	CO1	To familiarize the students with basic day to day communication skills in Spanish language, correct pronunciation, sentence formation, present tense with basic necessary concepts of grammar	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
36					60	CO2	To learn about certain cultural aspects and enable the students to know the Spanish life, culture etc	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
37	SEM IV	010323405 - PP	T6398	Basic Hindi II	60	CO1	To know Basic Hindi Grammar	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
37					60	CO2	To make the students understand simple Hindi sentences and translate simple Hindi passages	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
37					60	CO3	To activate the students to speak day-to-day conversation in Hindi	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
38	SEM IV	010323406 - PP	T6402	Law of Crimes Paper II: Criminal Procedure Code I	60	CO1	To understand and gain knowledge about the Criminal Procedure Code, Criminal Courts, Powers of Criminal Courts, functionaries under Criminal Justice System and the importance of fair trial.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
38					60	CO2	To get idea how criminal justice delivery system works and to understand the significant riddles of the procedure.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
38					60	CO3	To understand the pre-trial and trial process and various sections of the Criminal Procedure Code.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M

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38					60	CO4	To gain knowledge regarding the pleas available to bar the criminal trial	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
38					60	CO5	To understand the concept of charge given under Code of Criminal Procedure	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
39	SEM IV	010323407 - PP	T6185	Civil Procedure Code and Limitation Act II	60	CO1	Student would be able to understand the different principles of code and rules of Civil Procedures by analyzing the jurisprudence behind enforcement.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
39					60	CO2	Students would be able to understand the categories of various special suits covered under Code of Civil Procedure	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
39					60	CO3	Students would be able to understand practical rules relating to civil Procedure Code through various cases.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
39					60	CO4	Student would be able to understand the rules relating to appeal, review, and revision.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
39					60	CO5	Students would be able to understand the scope of concept through research.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
40	SEM IV	010323408 - PP	T6187	Family Law II	60	CO1	To understand the evolution of family, succession issues vis-a-vis the changing laws in society and various other child related issues.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
40					60	CO2	To study property rights of every individual in the background of globalization in all spheres of family, relationships are undergoing transformations.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
40					60	CO3	To learn and understand different laws pertaining to family relations in India.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
40					60	CO4	To gain knowledge about multi ethnic heterogeneous society of India with a legal perspective.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
40					60	CO5	To critically assess the need for Uniform Civil Code.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
41	SEM IV	010323409 - PP	T6189	Property Law	60	CO1	To get acquaint with the different principles and rules of Property Law. And analyze the jurisprudence behind property transactions.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
41					60	CO2	To understand the utility of different types of transfer of property by act of the parties as well as compare these modes with practical examples.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
41					60	CO3	To develop the analytical skill through various case laws.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
41					60	CO4	To learn about the significance of Registration of Immovable Property Act, 1908 and its practical implication.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M

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41					60	CO5	To create the awareness regarding the Easement and Indian Easement Act, 1882 and how owner perform his power with full of privileges.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
42	SEM IV	010323410 - PP	T6398	Political Science III	60	CO1	To acquire basic knowledge about theories on International relations.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
42					60	CO2	To disseminate knowledge of the concepts in political science.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
42					60	CO3	To develop a good measure of critical thinking from an observational and theoretical standpoint.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
42					60	CO4	To make the students understand simple Hindi sentences and translate simple Hindi passages	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
42					60	CO5	Locate current political issues in the context of wider debates on international politics.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
43	SEM IV	010323411 - PP	T6103	Effective Communication Skills	60	CO1	Students will be able to understand the basic tenets of communication	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
43					60	CO2	Students will be able to use appropriate medium and form of communication	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
44	SEM IV	010323412 - PP	T1341	Legal Skills V (ADR)	60	CO1	Analyze the advantages and disadvantages of alternate dispute resolution methods.	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
44					60	CO2	Distinguish between the types of alternate dispute resolution methods.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
44					60	CO3	Analyze the process and proceedings of ADR.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
45	SEM IV	010323413 - PP	T1903	Internship	60	CO1	To provide the student with important contact with the legal community which may lead to career opportunities	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
45					60	CO2	To work under the supervision of a licensed attorney and with others in a law office or agency setting.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
45					60	CO3	To apply the knowledge and skills learned in the classroom, and to develop new skills by being involved in actual cases and projects.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
45					60	CO4	To provide the student with important contact with the legal community which may lead to career opportunities	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
45					60	CO5	To develop writing and research skills.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
45					60	CO6	To expand horizons of thought and action.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
46	SEM V	010323501 - PP	T1151	Law of Evidence	60	CO1	To acquire a general understanding of the importance of law of evidence and the types of evidence.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H

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46					60	CO2	To acquire a detailed knowledge and understanding of selected, individual areas of the Law of Evidence and demonstrate knowledge and understanding of the wide range of legal concepts, values, principles, rules and procedures surrounding the law of evidence	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
46					60	CO3	To enable the students to appreciate the concepts and principles underlying the Law of Evidence and identify the recognized forms of evidence and its sources and demonstrate a comprehensive and accurate knowledge and understanding in detail of the law of evidence.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
46					60	CO4	To impart the skills of examination and appreciation of oral and documentary evidence in order to find out the truth.	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
47	SEM V	010323502 - PP	T1078	Company Law I	60	CO1	To study the fundamental Concepts central to Company Law.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
47					60	CO2	To understand the historical development of the Modern day developments in Company law.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
47					60	CO3	To acquaint students with the corporate jurisprudence and the evolution of incorporated business associations	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
47					60	CO4	To provide insights into the formation, financing and structuring of companies, its constitution and powers.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
48	SEM V	010323503 - PP	T1465	Law of Crimes Paper III: Criminal Procedure Code II	60	CO1	To impart knowledge to the students regarding how the Code of Criminal Procedure works as the mainspring of the criminal justice delivery system.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
48					60	CO2	To familiarize the students with the provisions relating to Judgment under Code of Criminal Procedure.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
48					60	CO3	To impart knowledge about the process of Appeal, Review, Revision under Code of Criminal Procedure.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
48					60	CO4	To provide understanding about the Juvenile Delinquency.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
48					60	CO5	To expose the students to the post convictional order specifically in the form of Probation.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
49	SEM V	010323504 - PP	T1497	Liberal Arts I	60	CO1	To introduce the students to the concepts and practice of social justice in India as is reflected in the constitutional provisions and developed through people's movements for social justice.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H

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49					60	CO2	To critically examine the issues and practice of social justice in the context of specific groups like women, castes, minorities like adivasis and religious minorities	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
49					60	CO3	To locate issues and challenges to the practice of social justice in the present social, political and economic context	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
50	SEM V	010323505 - PP	T1522	Liberal Arts II	60	CO1	To guide students through a stimulating process that helps them to unlock their latent creativity, draw on their own experiences, ideas and perceptions, organize their raw material and craft finished works of fiction and non-fiction. These sessions will help students to use effective writing skills to create original works	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L
51	SEM V	010323506 - PP	T1540	Administrative Law	60	CO1	To get acquaint with the theories of Administrative Law and control mechanism over administrative authorities for smooth functioning of democracy	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
51					60	CO2	To understand the utility of adjudicatory power and discretionary power employ by the administrative authorities.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
51					60	CO3	To develop the analytical skill through various case laws.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
51					60	CO4	To learn about the maintenance of transparency and accountability of administration.	Strong-H	-	-	Moderate-M	Strong-H	Strong-H
51					60	CO5	To create the awareness regarding the reasonableness and fairness in the functioning of the administrative authorities and recent developments	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
52	SEM V	010323507 - PP	T6292	Legal Skills VI (Advocacy, simulation, client counselling)	60	CO1	To enable students to understand advocacy	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
52					60	CO2	To prepare students not only as how to prepare before client counselling but also essential for counselling such as listing, patience, finding legal solution	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
52					60	CO3	To enable student as what lawyers should be preparation before appearing in courts and case preparation or documents preparation	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
52					60	CO4	To giving students practice knowledge about practice of law	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
53	SEM V	010323508 - PP	T1342	Human Rights Law and Practice	60	CO1	To enable the student to understand the various Human rights under the international Covenants, protocols and instruments..	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M

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53					60	CO2	To learn various sources of human rights.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
53					60	CO3	To equip the students to take up systematic legal research in this arena	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
54	SEM V	010323509 - PP	T1312	Banking Law	60	CO1	To provide an outline of foundation on which the present banking system stands.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
54					60	CO2	To develop an understanding about the law relating to the banking industry	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
54					60	CO3	To develop an insight into the various aspects of banking sector which includes financial investments, economics, communication, banker-customer relationships and various laws related to the banking business in India	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
54					60	CO4	To develop understanding regarding foreign exchange as banking business with other relative subjective interpretations.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
55	SEM V	010323510 - PP	T1358	Introduction to Intellectual Property Law	60	CO1	1. To explain the basics of Intellectual Property Rights and the related protection systems.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
55					60	CO2	2. To compare the theoretical justification for Intellectual Property Rights	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
55					60	CO3	3. To appraise the international regime, treaties and conventions on intellectual property rights	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
55					60	CO4	4. To describe the various forms of IP such as Patent, Copyright, Trademark, Design, Geographical indication, traditional knowledge, Plant varieties, trade secret and Layout design of Integrated circuits	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
55					60	CO5	5. To discuss contemporary issues relating to IPR including human rights aspects.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
56	SEM V	010323511 - PP	T1289	National Security Law	60	CO1	To discuss the growth of national security Law as a discipline.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
56					60	CO2	To analyse the conflict of rule of law and human rights with national security issues.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
56					60	CO3	To understand the privacy concerns in the name of national security.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
56					60	CO4	To understand the impact of technological advancements on national security.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
57	SEM V	010323512 - PP	T1325	Retail Business and Law	60	CO1	To develop an understanding of the legal issues involved in retail business with a focus on areas often overlooked or misunderstood.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M

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60					60	CO2	To Interpret the Company law provisions relating to corporate democracy, Company meetings, restructuring, reorganizing, mergers and amalgamation of corporations and financial management.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
60					60	CO3	To evaluate the concept and procedure of corporate breakdown of winding up which are an integral part of corporate transactions and oppression and mismanagement.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
60					60	CO4	To identify the role, powers and functions of Securities and Exchange Board of India	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
61	SEM VI	010323602 - PP	TL003	IICT I	60	CO1	To introduce the basic concepts used in research and to scientific social research methods and their approach to the Business Management students.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
61					60	CO2	To help them in developing their research, inquiry, and communication skills while providing a road map to their future career in Marketing or International Business	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L
61					60	CO3	To develop a research orientation among the scholars	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L
61					60	CO4	To promote skills required by the researcher and understand different applications of Marketing Research	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L
61					60	CO5	To make them to prepare an organized research report	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
62	SEM VI	010323603 - PP	TL003	IICT II	60	CO1	Explain the concept of entrepreneurship and its evolution vis-à-vis ;understanding basic concepts in the area of entrepreneurship	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L
62					60	CO2	Identify and justify entrepreneurial opportunities to understand the role and importance of entrepreneurship for economic development	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M
62					60	CO3	Articulate key processes towards successful new-venture creation by developing personal creativity and entrepreneurial initiative	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
62					60	CO4	Exploring the stages of the entrepreneurial process and the resources needed for the successful development of entrepreneurial ventures	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H
62					60	CO5	Design launch strategies for new ventures	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M
62					60	CO6	Explain the challenges typically faced by entrepreneurs	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
63	SEM VI	010323604 - PP	T1343	Forensic Science	60	CO1	To impart knowledge about Forensic science and its importance in criminal justice delivery system	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
63					60	CO2	To impart knowledge about the application and need to learn the basics of the forensic science in field of criminology	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
63					60	CO3	To provide understanding about the scientific as well as legal aspects of the crime and evidence in this course	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
63					60	CO4	To provide and impart knowledge about Forensic medicine, Ballistics, Fingerprints, Question Documents, Voice Analysis, Narco-analysis	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
64	SEM VI	010323605 - PP	T1343	Public International Law	60	CO1	To expose the students to the emerging trends and contemporary issues in international law and also evolution of public international law	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
64					60	CO2	To provide to the students the required details of each concept and explaining the various aspects and fundamental principles which constitute international law	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
64					60	CO3	To demonstrate to the students, the basic knowledge and understanding relating to jurisdiction and adjudication of cases by the ICJ and ICC	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
64					60	CO5	To create much interest and understanding of the subject. to enable the students to opt for public international law as a specialization in their future academic or professional careers	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
65	SEM VI	010323606 - PP	T6289	Philosophy of Law and Ethics	60	CO1	To give an introduction to philosophical disciplines, their origin, relevance, methods, doctrines and leading ideas.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
65					60	CO2	To focus on the major concepts in moral philosophy	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
65					60	CO3	To understand the theories relating to truth and ethics	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
65					60	CO4	To learn the relationship between individual and society and the concept of justice	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
65					60	CO5	To introspect into the relationship between society, morality and justice	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
66	SEM VI	010323607 - PP	T1524	Patent law & Practice	60	CO1	1. To provide the students the skill, knowledge and understanding of patent laws and the procedural aspects relating to patents.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
66					60	CO2	To understand the legal and procedural requirements for the grant of a patent in India, US and Europe	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
66					60	CO3	To give a practical edge of drafting of patent specifications	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H

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71	SEM VI	010323612 - PP	T1351	International Trade & Economics	60	CO1	Understand the evolution of WTO, and International Trade	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
71					60	CO2	Study the nature and scope of International Economic Laws	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
71					60	CO3	Learn the importance of World Economic Order and international agencies	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
71					60	CO4	Acquaint students with structural organization and dispute settlement mechanism of WTO	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
71					60	CO5	Comprehend the relevance of anti dumping, subsidies and countervailing duties and some sectoral issues in International trade	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
71					60	CO6	Know the importance of TRIPS, Trade in Services and Trade in Goods	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
72	SEM VI	010323613 - PP	T1366	Right to Information Law	60	CO1	To understand the evolution and development of Right to Information.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
72					60	CO2	To understand the evolution and development of Right to Information.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
72					60	CO3	To know the various exceptions provided for in the Act and the reason behind.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
72					60	CO4	To analyse the changes required in the present time and have a practical approach of obtaining information through RTI.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
73	SEM VI	010323614 - PP	T1351	Health Law	60	CO1	This course seeks to explore various areas of the law that deal with creating and maintaining and regulating health.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
73					60	CO2	It incorporates broad theoretical basis behind the relationship between law and healthcare services.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
73					60	CO3	The course aims to give comprehensive and practical approach to the students to make them aware of the developments in medical sciences, to explore various issues and to enable them to be equipped to face the recent challenges raised by the modern issues in contemporary era.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
74	SEM VI	010323615 - PP	T1352	Sexual Harassment at Work Place	60	CO1	To understand the social and organizational context of the sexual harassment and related problems to it.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
74					60	CO2	To understand the utility of (Prevention, Prohibition and Redressal) Act, 2013 as well as analyze the various anti-sexual harassment policy & standard practice for protection of women.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
74					60	CO3	To develop the analytical skill through various case laws.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H

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79	SEM VII	010323705 - PP	T6283	Humanitarian & Refugee Law	60	CO1	To help students gain sound knowledge and understanding of the history and development of law of armed conflict and refugee law.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
79					60	CO2	To understand basic legal concepts and norms of armed conflict and refugee law.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
79					60	CO3	To help students critically analyse contemporary issues which have arisen in the application and interpretation of international humanitarian law.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
79					60	CO4	To appreciate that these laws can be better respected and enforced through the International Criminal Court and other international tribunals.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
80	SEM VII	010323706 - PP	T1536	Merger and Acquisitions	60	CO1	The purpose of this course is to study different forms of Corporate Restructuring.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
80					60	CO2	The purpose of this course is to study the fundamental Concepts central to Mergers and Acquisition transactions.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
80					60	CO3	To acquaint students with the regulatory mechanism applicable in a Mergers and acquisition transaction.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
80					60	CO4	To provide insights into the Due diligence, valuation of business and accounting issues in Mergers & Acquisitions.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
81	SEM VII	010323707 - PP	T1326	International Trade & Economics	60	CO1	Understand the evolution of WTO, and International Trade	-	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M
81					60	CO2	Study the nature and scope of International Economic Laws	-	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M
81					60	CO3	Learn the importance of World Economic Order and international agencies	-	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M
81					60	CO4	Acquaint students with structural organization and dispute settlement mechanism of WTO	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
81					60	CO5	Comprehend the relevance of anti dumping, subsidies and countervailing duties and some sectoral issues in International trade	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
81					60	CO6	Know the importance of TRIPS, Trade in Services and Trade in Goods	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
82	SEM VII	010323708 - PP	T1369	Banking Law	60	CO1	To provide an outline of foundation on which the present banking system stands.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
82					60	CO2	To develop an understanding about the law relating to the banking industry	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M

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86					60	CO2	To identify and acquire a detailed knowledge and understanding of selected, individual areas of the Law of Evidence and to enable the student to appreciate the concepts and principles underlying the law of Evidence and identify the recognized forms of evidence and its sources.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
86					60	CO3	To explore issues of professional responsibility related to preserving and using evidence and encouraging them to critically evaluate the modern law of criminal evidence and its societal impact.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
86					60	CO4	To impart the skills of examination, cross examination, re-examination and appreciation and admissibility of different kinds of evidences in the process of finding the truth and shifting the nature of burden of proof.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
86					60	CO5	To understand the concepts brought in, by amendments to the Law of Evidence.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
87	SEM VIII	010323802 - PP	T2486	Civil Procedure Code & Limitation Act II	60	CO1	To give the students an analysis of the various concepts like execution proceedings , appeals, garnishee, the peculiar nature of some kinds of suits and limitations act of CPC	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
87					60	CO2	To make the students understand the procedure of filling the suit in the court , the documents in support and against	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
88	SEM VIII	010323803 - PP	T1204	Forensic Science	60	CO1	To understand the importance of Forensic Science in studying Criminal Law	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
88					60	CO2	To analyse the basic principles of Forensic Science in Criminal Investigation	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
88					60	CO3	To analyse the Medico Legal aspects of Forensic Science	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
88					60	CO4	To gain conceptual understanding of various aspects of physical evidences and toxicology	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
89	SEM VIII	010323804 - PP	T1355	International Criminal Law	60	CO1	To understand the different principles of International Criminal Law	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
89					60	CO2	To search research opportunities in International Criminal Law	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
89					60	CO3	To keep knowledge as to solve the individual cases on international criminal	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
89					60	CO4	To understand the Procedural Aspect of International Trials	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
89					60	CO5	To searching the opportunities of retributive justice and International co-operation	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H

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90	SEM VIII	010323805 - PP	T1359	Penology & Victimology	60	CO1	To provide concrete theoretical understanding on Penology and Victimology	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
90					60	CO2	To encourage critical thinking on victim's place in the justice system	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
90					60	CO3	To understand historical trends in punishment for offenders and treatment for victims	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
90					60	CO4	To explore alternative approaches to victimization and punishment	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
91	SEM VIII	010323806 - PP	T1359	Media Law	60	CO1	To discuss some of the basic aspects relating to media law.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
91					60	CO2	To familiarize the students with the key concepts regarding theories and history of media in India	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
91					60	CO3	To discuss the legal framework and legislations governing and which regulates the media in India. To discuss the landmark judgments which have interpreted the laws relating to media.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
91					60	CO4	To teach the provisions dealing with films as a medium of speech and expression.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
91					60	CO5	To keep students abreast of the latest developments and changes in the field of Media Law.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
92	SEM VIII	010323807 - PP	T1362	Information Technology Law	60	CO1	To develop an understanding of practical applicability of Information Technology Law in India in detail.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M
92					60	CO2	To learn and understand the applicability of Information Technology Act, 2000, core Provisions of the information Technology law Act and regulatory framework under the act	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
92					60	CO3	To understand the authentication mechanism involved in Information Technology law for e-records and digital signatures and its legality following the evidentiary values.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M
92					60	CO4	To learn the system of e-governance under information technology law and its importance.	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
92					60	CO5	To provide in-depth knowledge about the adjudication of cyber crimes and cyber crime investigation rights	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
92					60	CO6	To enable students with the practical aspects of this subject.	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
93	SEM VIII	010323808 - PP	T1365	International Banking and Finance	60	CO1	To learn and understand the details of banking operations, background and necessity of Indian Banks and the requirement of expansion of the banking sector.	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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96					60	CO5	To learn about the general topic of regionalism as an approach to understanding international relations.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
97	SEM VIII	010323812 - PP	T1324	Energy Law	60	CO1	To learn about the techno-legal aspects of Energy	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
97					60	CO2	To understand the historical aspect on law relating to electricity	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
97					60	CO3	To understand the various aspects relating to fuels used for production of energy	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
97					60	CO4	To learn about the historical and other legal aspects relating to petroleum and natural gas	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
97					60	CO5	To introspect into the judicial precedent in the energy sector	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H
98	SEM IX	010323901 - PP	T1330	Labour and Industrial Law	60	CO1	To have a clear concept of labour legislations	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H
98					60	CO2	To understand the origin and factors responsible for the growth of labour legislations	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H
98					60	CO3	To analyse and scrutinise the law and the decisions of courts	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
98					60	CO4	To comprehend the categorisation of different labour legislation and their social security aspect	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H
99	SEM IX	010323902 - PP	T1554	Drafting, Pleading and Conveyance (Clinical Course I) 3	60	CO1	To analyze the crucial importance and rules relating to Drafting, Pleading and Conveyancing	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
99					60	CO2	To outline the foundations on which civil litigations/other claims are based	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
99					60	CO3	To understand the basic for preparation of the various deeds relating to transfer of property and ownership	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
99					60	CO4	To Excel the student ready for Legal Practice	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
100	SEM IX	010323903 - PP	T1525	Alternative Dispute Resolution (Clinical Course II)	60	CO1	To understand various alternate modes of dispute resolution	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
100					60	CO2	an overview over the extent of judicial intervention in arbitral proceedings	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
100					60	CO3	understand the importance of arbitration agreement, tribunal and award	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L

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100					60	CO4	To understand the major legal aspects of international commercial arbitration	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
100					60	CO5	To introduce the students to enforcement of foreign awards	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
101	SEM IX	010323904 - PP	T1346	Comparative Criminal Procedure	60	CO1	To understand the basic objective of criminal law and the importance of comparative study	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
101					60	CO2	To acquaint students with hierarchy of courts in India and different other countries.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
101					60	CO3	To teach specific provisions under Criminal Procedure Code with a comparative approach	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
101					60	CO4	To equip the students to use various legal reasoning and research techniques, various methods of interpreting a statute and analysis of cases like identifying the facts, issues and how to analyze both in line with legal theories.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
101					60	CO5	To develop a comparative approach and independent thinking of the students relating to criminal law.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
102	SEM IX	010323905 - PP	T1346	Comparative Constitution	60	CO1	To understand the basic objective of comparative Constitutional law and the importance of comparative study of the law of land of different Countries and also to teach the provisions of various countries by drawing a comparison and contrast.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
102					60	CO2	To equip the students to use various legal reasoning and research techniques, various methods of interpreting a Constitution and analysis of cases like identifying the facts, issues and ratiodecidendi and the legal systems of different countries.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
102					60	CO3	To develop a comparative approach and independent thinking of the students relating to constitutional law.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
103	SEM IX	010323906 - PP	T1316	Investment Law	60	CO1	To provide an outline of types and definition of investment related legal terminologies and their relevance.	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M
103					60	CO2	To develop an application based understanding about the law relating to the investment law.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
103					60	CO3	To develop analytical skill-set among the students so as to interpret the issue pertaining to the law relating to investment law.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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104	SEM IX	010323907 - PP	T1347	Trade and Services in Emigration	60	CO1	1. To understand the concept of migration and various concepts and theories associated with it.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
104					60	CO2	2. To understand the constitutional perspective on migration in India.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
104					60	CO3	3. To explore the role of international law in controlling migration and its influence in the global migration.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
104					60	CO4	4. To understand the trade related aspects of migration.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
104					60	CO5	5. To identify the socio-political and economic consequences resulting from the migration.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
105	SEM X	0103231001 - PP	T1332	Professional Ethics and Professional Accounting System (Clinical Course III)	60	CO1	To understand the concepts of legal profession, Professional standers	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
105					60	CO2	To create knowledge about the Professional ethics, moral value	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
105					60	CO3	To acquaint students with various legal as well as social responsibility of lawyers	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
105					60	CO4	To Understand the concepts of contempt of court and contempt action	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
105					60	CO5	To understand the role of book keeping and record keeping and maintained of various account for activity	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
106	SEM X	0103231002 - PP	T1158	Moot Court Exercise and Internship (Clinical Course IV) 7	60	CO1	To understand the importance of Mooting in court practise	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
106					60	CO2	To understand the basic art of mooting and case research.	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
106					60	CO3	To analyse the process Client counselling and interviewing	-	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
106					60	CO4	To gain conceptual understanding of various processes in both criminal trial and civil litigation.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
106					60	CO5	To explore the practise based learning oppourtunity through internships	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
106					60	CO6	To develop an ethically sustainable legal practice after completion of law graduation.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M

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107	SEM X	0103231003 - PP	T1536	Projects and presentations	60	CO1	To understand the concepts of Research and types of research and application of tools used for various types of research	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
107					60	CO2	To create knowledge about the interpretation of research data, articulation of research data	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
107					60	CO3	To acquaint students to method of collect research data, source of research data, tools for interpretation of research data	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
107					60	CO4	To Understand the meaning of sampling in research, qualitative and quantitative method of collecting research data	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
107					60	CO5	To understand ethical moral standard of researcher and how to avoid conflict of interest in research.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
108	SEM X	0103231004 - PP	T1313	Financial and Systemic Fraud	60	CO1	To study financial frauds and crimes in its various forms such as credit card frauds, mortgage frauds, corporate frauds, securities fraud, bank frauds, tax evasion, bribery, embezzlement, money laundering, identity theft etc.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
108					60	CO2	To study the law and control of financial frauds and appreciate the challenges of prosecution and defence of the criminals who involve themselves in such crimes.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
108					60	CO3	To identify criminological theories which apply to these kinds of crimes	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
109	SEM X	0103231005 - PP	T1363	UNCITRAL Model Codes	60	CO1	To give student comprehensive knowledge of working of UNCITRAL under the aegis of UNO.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
109					60	CO2	To understand the role and importance of Private International Trade Law being developed by UNCITRAL in International Commercial Transactions.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
109					60	CO3	To understand the work carried out by UNCITRAL and understand the functioning of UNCITRAL.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Law School, Hyderabad Programme Name : Bachelor of Business Administration and Bachelor of Laws

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
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Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
4					60	CO2	The systematic records of Business Transactions, Ledgers and Reconciliations	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
4					60	CO3	To ascertain profit or loss of the business and to know the financial position	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
5	SEM I	010324105 - PP	T3246	Legal Database	60	CO1	To understand the different legal databases that can be used by students in the legal research	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
5					60	CO2	To develop law students abilities for the usage of electronic resources from the databases for legal research	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
5					60	CO3	To be able to apply the information avialable on legal databases to conduct research	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
6	SEM I	010324106 - PP	T1460	Law of Torts including MV Accident and Consumer Protection Laws I	60	CO1	To acquire a general understanding of the importance of Law of Torts and the Motor Vehicle Accidents Act	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
6					60	CO2	To acquire a detailed knowledge and understanding of selected, individual areas of the law of torts. To discuss the law of private rights and remedies which are not covered by statute.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
6					60	CO3	To enable the students to appreciate the concepts and principles underlying the law of torts and identify the recognized forms of torts and its sources.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
6					60	CO4	To understand the operation of, and recognise the large potential of expansion of this branch of law which governs actions for damages for injuries to certain kinds of rights, like the right to personal security, property and reputation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
6					60	CO5	To expand and apply the principles of Law of Torts in contemporary areas like Human Rights, Environmental Rights, and Intellectual Property Rights.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
6					60	CO6	To provide subject matter that lends itself to an exploration of common law legal reasoning including, introducing theoretical and critical perspectives on judicial reasoning.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
7	SEM I	010324107 - PP	T1534	Indian Legal System, Legal Methods and Research Methods	60	CO1	To build students understanding in relation to primary governing principles of Indian Legal System as a whole.	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
7					60	CO2	To enable them to understand the foundation and basic working of each wing of the government and their hierarchical authority	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
7					60	CO3	To inculcate the importance of having alternate dispute resolution mechanism.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
7					60	CO4	To introduce them to the basic methods of legal research.	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
8	SEM I	010324108 - PP	T1548	Legal Research Writing	60	CO1	To acquaint the students with the basics of Legal Research and different types of legal writings.	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
8					60	CO2	To introduce the students to Legal Research Methods and Methodology	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
8					60	CO3	To familiarize the students with citation styles, specifically, the Bluebook style of citation	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
9	SEM I	010324109 - PP	T1335	Legal Skills I (Research)	60	CO1	To understand the basic principles of legal research	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
9					60	CO2	To pursue the principles of research in legal studies and ethics in legal research	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
9					60	CO3	To understand the sources of legal research and application of research tools	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
9					60	CO4	To impart the importance of research objective, questions, hypothesis, and methodology	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
9					60	CO5	To introduce the students to legal citation form and its application in legal research writing	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
10	SEM II	010324201 - PP	T1030	Special Contract	60	CO1	To provide an outline of special types of contracts and their peculiar features as per Indian Contract Act, 1872.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
10					60	CO2	To develop an application based understanding about the law relating to the contracts, sale of goods, partnership and negotiable instrument act.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
10					60	CO3	To develop analytical skill-set among the students so as to interpret the issue pertaining to the law relating to contract, sale of goods, partnership and negotiable instrument.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
11	SEM II	010324202 - PP	T1402	Constitutional Law I	60	CO1	To understand the scheme of public law through the Indian Constitution.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
11					60	CO2	To understand various underlying principles of Constitutional Law	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
11					60	CO3	To make the students familiar with the importance and application of Constitutional Law	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
11					60	CO4	To find out about the Constitutional remedies for the enforcement of the fundamental	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
11					60	CO5	To gain knowledge regarding development of the Constitution through amendments, constitutional practice, conventions and judicial decisions.	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
11					60	CO6	To enable students with the practical aspects of this subject.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
12	SEM II	010324203 - PP	T2459	Corporate Accounting	60	CO1	Demonstrate basic knowledge of the principles, concepts and skill in Corporate Accounting.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
12					60	CO2	Accounting for Issue, Forfeiture and Reissue of shares and preparation of financial statements of a company and consolidated financial statements.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
12					60	CO3	Explain the provisions of companies act 2013 regarding liquidation of company.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
12					60	CO4	Accounting for Amalgamation and takeovers.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
13	SEM II	010324204 - PP	T2116	Marketing Management	60	CO1	To train the learners to apply concepts and techniques in marketing so that they become acquainted with the duties of a marketing manager.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
13					60	CO2	To understand the different marketing strategies and their applicability in real life situations	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M
13					60	CO3	To make the learners to take enhanced marketing decisions in the dynamic marketing environment	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M
13					60	CO4	To become an ethical marketing practitioner	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M
14	SEM II	010324205 - PP	T6757	Managerial Economics	60	CO1	Acquire basic knowledge of Managerial Economics terms, concepts, reason for existence of firms, economic goals of the firms and apply the economic way of thinking to individual decisions and business decisions	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
14					60	CO2	Able to estimate and forecast the demand	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M
14					60	CO3	Able to Understand the different costs of production and how they affect short and long run decisions	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M
14					60	CO4	Able to Understand the four basic market structures and how price and quantity are determined and various pricing practices.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M
14					60	CO5	Able to Understand the role of the Government in the economy like Regulation, Anti-trust and Capital Budgeting concept	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M
15	SEM II	010324206 - PP	T1461	Law of Tort including MV Accident and Consumer Protection Laws II	60	CO1	To introduce a general understanding of the importance of the law of torts as the law dealing with private rights and remedies and discuss the available private rights and remedies which are not covered by statute and acquire a basic knowledge of the Law of Torts and its important role in the administration of justice	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
15					60	CO2	To understand the operation of, and recognize the large potential of expansion of this branch of law which governs actions for damages for injuries to certain kinds of rights, like the right to personal security, property and reputation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO3	To expand and apply the principles of Law of Torts in contemporary areas like Human Rights, Environmental Rights, Consumer Protection Rights and Intellectual Property Rights.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO4	To provide subject matter that lends itself to an exploration of common law legal reasoning including, introducing theoretical and critical perspectives on judicial reasoning and to examine the differing requirements which lead to civil liability for different torts against person and property.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
16	SEM II	010324207 - PP	T1336	Legal Skills II (Advocacy skills)	60	CO1	To explain the basics of Law and the Indian legal system India.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO2	To make the students well acquainted with the skills pertaining to advocacy.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO3	To help the students of law to have good knowledge about legal skills and its practical approach.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
17	SEM II	010324208 - PP	T6761	Foundation of Ethics	60	CO1	To explain the basic tenets of ethics.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
17					60	CO2	To interpret the issues of norms and values on the basis of ethical theories.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
17					60	CO3	To compare and contrast between right and wrong to human endeavours.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
17					60	CO4	To outline western and Indian philosophical tradition in the context of development of theories of ethics.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
18	SEM II	010324209 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
18					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
18					60	CO3	To train students to perform First aid and CPR in an emergency..	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
19	SEM III	010324301 - PP	T1339	Jurisprudence (Legal Theory)	60	CO1	To enable the student to understand at the outset the basics of foundation of theory of Law.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
19					60	CO2	To learn various methods of legal reasoning, interpretation and analysis of cases, statutes and other sources.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H

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19					60	CO3	To learn about finding Law, source of law, and how to filter the relevant facts and apply the legal principle. To learn about citing various authorities and orient legal writing for a specific purpose and To equip the students to take up systematic legal research.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
20	SEM III	010324302 - PP	T1403	Constitutional Law II	60	CO1	To study the working of the Indian Federal System by analyzing the provisions relating to Centre-State relations and their judicial interpretations	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
20					60	CO2	To understand the composition, powers and functions of the Parliament & State Legislature with reference to the constitutional system of checks and balances.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
20					60	CO3	To understand the hierarchy, functions, powers and privileges of the Union and State Executive.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
20					60	CO4	To understand the hierarchy of the Courts, their power, functioning, jurisdiction and administration.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
20					60	CO5	To understand and analyze recent developments in this branch by appreciating dynamic nature of this branch of law.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
20					60	CO6	To enable students with the practical aspects of this subject.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
21	SEM III	010324303 - PP	T1403	Family Law I	60	CO1	To understand the relation between religion and law.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
21					60	CO2	To acquaint students with basis of Personal laws and its relation with Indian Constitution.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
21					60	CO3	To analyze the need for unification of these varied personal laws to be applicable uniformly in the matters of private province.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
21					60	CO4	To understand various Personal laws and provide necessary tools to students to comparatively analyze them.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
21					60	CO5	To understand and analyze recent developments in this branch by appreciating dynamic nature of this branch of law.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
21					60	CO6	To equip students with the practical aspects of this subject.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
22	SEM III	010324304 - PP	T2217	Law of Crimes Paper I: Penal Code	60	CO1	To familiarize the students with the key concepts regarding crime and criminal law.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
22					60	CO2	To expose the students to the range of mental states that constitutes mens rea essential for committing crime.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H

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22					60	CO3	To teach specific offences under the Indian Penal Code, 1860	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
22					60	CO4	To equip the students to use various legal reasoning and research techniques, various methods of interpreting a statute and analysis of cases (IRAC method) like identifying the facts, issues and how to analyze both in line with legal theories.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
22					60	CO5	To keep students abreast of the latest developments and changes in the field of Criminal Law.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
23	SEM III	010324305 - PP	T2109	Civil Procedure Code and Limitation Act I	60	CO1	To analyse the crucial importance of Civil Procedure Code and the Limitation Act in Civil Proceedings	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
23					60	CO2	To familiarize the students with the key concepts and foundation of civil proceedings.	Strong-H	Moderate-M	-	Moderate-M	Strong-H	Strong-H
23					60	CO3	To keep students abreast of the latest developments and changes in the field of Civil law	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
23					60	CO4	To understand the Code of Civil Procedures and rules relating to Pleadings	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
23					60	CO5	To equip the students to use various legal reasoning and research methodologies.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
24	SEM III	010324306 - PP	T2205	Business Statistics	60	CO1	To emphasize the importance of Statistics for legal and management professionals.	Strong-H	Strong-H	-	Weak-L	Strong-H	Moderate-M
24					60	CO2	To understand the different statistical techniques that are used in different business situations	Strong-H	Strong-H	-	Weak-L	Strong-H	Moderate-M
24					60	CO3	To enhance the decision making capabilities of the young managers	Strong-H	Strong-H	-	Weak-L	Strong-H	Moderate-M
25	SEM III	010324307 - PP	T6102	Business & Managerial Communication	60	CO1	To provide an outline to effective Business and Managerial Communication	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
25					60	CO2	To improve the business communication skills (LSRW -Listening, Speaking, Reading and Writing) of learners	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
25					60	CO3	To understand different forms of written communication techniques to make effective internal and external business correspondence	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L
25					60	CO4	To develop persuasive skills in interpersonal, group, and public speaking contexts	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
26	SEM III	010324308 - PP	T6401	Legal Skills IV(Ethics, Mock Trial)	60	CO1	To enable the profession with the legal and moral ethics	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M

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29					60	CO3	To develop intercultural and communicative skills	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
30	SEM III	010324312 - PP	T6397	Basic French I	60	CO1	To construct / use simple sentences or everyday expressions when dealing with various situations in daily life	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
30					60	CO2	Can read and understand medium level difficulty level texts and Can communicate in a simple manner. Can respond to simple and uncomplicated speech.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
30					60	CO3	To develop intercultural and communicative skills	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
31	SEM III	010324313 - PP	T6188	Basic Spanish I	60	CO1	To familiarize the students with basic day to day communication skills in Spanish language, correct pronunciation, sentence formation, present tense with basic necessary concepts of grammar.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
31					60	CO2	To learn about certain cultural aspects and enable the students to know the Spanish life, culture etc.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
32	SEM III	010324314 - PP	T6397	Basic Hindi I	60	CO1	To know Basic Hindi Grammar	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
32					60	CO2	To make the students understand simple Hindi sentences and translate simple Hindi passages	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
32					60	CO3	To activate the students to speak day-to-day conversation in Hindi.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
33	SEM IV	010324401 - PP	T1145	Law of Crimes Paper II: Criminal Procedure Code I	60	CO1	To understand and gain knowledge about the Criminal Procedure Code, Criminal Courts, Powers of Criminal Courts, functionaries under Criminal Justice System and the importance of fair trial.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
33					60	CO2	To get idea how criminal justice delivery system works and to understand the significant riddles of the procedure.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
33					60	CO3	To understand the pre-trial and trial process and various sections of the Criminal Procedure Code.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
33					60	CO4	To gain knowledge regarding the pleas available to bar the criminal trial	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
33					60	CO5	To understand the concept of charge given under Code of Criminal Procedure	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
34	SEM IV	010324402 - PP	T1150	Civil Procedure Code and Limitation Act II	60	CO1	Student would be able to understand the different principles of code and rules of Civil Procedures by analyzing the jurisprudence behind enforcement.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
34					60	CO2	Students would be able to understand the categories of various special suits covered under Code of Civil Procedure	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H

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34					60	CO3	Students would be able to understand practical rules relating to civil Procedure Code through various cases.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
34					60	CO4	Student would be able to understand the rules relating to appeal, review and revision	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
34					60	CO5	Students would be able to understand the scope of concept through research	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
35	SEM IV	010324403 - PP	T2279	Family Law II	60	CO1	To understand the evolution of family, succession issues vis-a-vis the changing laws in society and various other child related issues.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
35					60	CO2	To study property rights of every individual in the background of globalization in all spheres of family, relationships are undergoing transformations.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
35					60	CO3	To learn and understand different laws pertaining to family relations in India.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
35					60	CO4	To gain knowledge about multi ethnic heterogeneous society of India with a legal perspective.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
35					60	CO5	To critically assess the need for Uniform Civil Code.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
36	SEM IV	010324404 - PP	T1521	Property Law	60	CO1	To get acquaint with the different principles and rules of Property Law. And analyze the jurisprudence behind property transactions.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
36					60	CO2	To understand the utility of different types of transfer of property by act of the parties as well as compare these modes with practical examples.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
36					60	CO3	To develop the analytical skill through various case laws.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
36					60	CO4	To learn about the significance of Registration of Immovable Property Act, 1908 and its practical implication.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
36					60	CO5	To create the awareness regarding the Easement and Indian Easement Act, 1882 and how owner perform his power with full of privileges.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
37	SEM IV	010324405 - PP	T2479	Organizational Behaviour	60	CO1	Introduce the students to the legal enterprise mode of business in order to understand the systems and processes of an organization in order to comprehend the micro and macro nuances of organizational behavior.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
37					60	CO2	to identify and compare different models used to explain individual behaviour related to motivation and rewards	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
41					60	CO2	To make the students to understand simple Sanskrit sentences, compose and translate simple Sanskrit passages	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
41					60	CO3	To make the students speak in day-to-day conversation in Sanskrit	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
41					60	CO4	To introduce the students to some selected passages from Sanskrit literature containing the peculiarity of Sanskrit language and to enhance the knowledge of ancient Indian Law.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
42	SEM IV	010324410 - PP	T6398	Basic German II	60	CO1	To construct / use simple sentences or everyday expressions when dealing with various situations in daily life	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
42					60	CO2	Can read and understand medium level difficulty level texts and Can communicate in a simple manner. Can respond to simple and uncomplicated speech.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
42					60	CO3	To develop intercultural and communicative skills	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
43	SEM IV	010324411 - PP	T6187	Basic French II	60	CO1	To construct / use simple sentences or everyday expressions when dealing with various situations in daily life	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
43					60	CO2	Can read and understand medium level difficulty level texts and Can communicate in a simple manner. Can respond to simple and uncomplicated speech	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
43					60	CO3	To develop intercultural and communicative skills	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
44	SEM IV	010324412 - PP	T6189	Basic Spanish II	60	CO1	To familiarize the students with basic day to day communication skills in Spanish language, correct pronunciation, sentence formation, present tense with basic necessary concepts of grammar	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
44					60	CO2	To learn about certain cultural aspects and enable the students to know the Spanish life, culture etc	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
45	SEM IV	010324413 - PP	T6398	Basic Hindi II	60	CO1	To know Basic Hindi Grammar	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
45					60	CO2	To make the students understand simple Hindi sentences and translate simple Hindi passages	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
45					60	CO3	To activate the students to speak day-to-day conversation in Hindi	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
46	SEM V	010324501 - PP	T1151	Law of Evidence	60	CO1	To acquire a general understanding of the importance of law of evidence and the types of evidence.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
46					60	CO2	To acquire a detailed knowledge and understanding of selected, individual areas of the Law of Evidence and demonstrate knowledge and understanding of the wide range of legal concepts, values, principles, rules and procedures surrounding the law of evidence	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
46					60	CO3	To enable the students to appreciate the concepts and principles underlying the Law of Evidence and identify the recognized forms of evidence and its sources and demonstrate a comprehensive and accurate knowledge and understanding in detail of the law of evidence.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
46					60	CO4	To impart the skills of examination and appreciation of oral and documentary evidence in order to find out the truth.	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
47	SEM V	010324502 - PP	T2101	Company Law I	60	CO1	To study the fundamental Concepts central to Company Law.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
47					60	CO2	To understand the historical development of the Modern day developments in Company law.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
47					60	CO3	To acquaint students with the corporate jurisprudence and the evolution of incorporated business associations	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
47					60	CO4	To provide insights into the formation, financing and structuring of companies, its constitution and powers.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
48	SEM V	010324503 - PP	T1465	Law of Crimes Paper III: Criminal Procedure Code II	60	CO1	To impart knowledge to the students regarding how the Code of Criminal Procedure works as the mainspring of the criminal justice delivery system.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
48					60	CO2	To familiarize the students with the provisions relating to Judgment under Code of Criminal Procedure.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
48					60	CO3	To impart knowledge about the process of Appeal, Review, Revision under Code of Criminal Procedure.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
48					60	CO4	To provide understanding about the Juvenile Delinquency	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
48					60	CO5	To expose the students to the post convictional order specifically in the form of Probation.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
49	SEM V	010324504 - PP	T1497	Liberal Arts I	60	CO1	To introduce the students to the concepts and practice of social justice in India as is reflected in the constitutional provisions and developed through people's movements for social justice	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
49					60	CO2	To critically examine the issues and practice of social justice in the context of specific groups like women, castes, minorities like adivasis and religious minorities	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
49					60	CO3	To locate issues and challenges to the practice of social justice in the present social, political and economic context	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
50	SEM V	010324505 - PP	T1522	Liberal Arts II	60	CO1	To guide students through a stimulating process that helps them to unlock their latent creativity, draw on their own experiences, ideas and perceptions, organize their raw material and craft finished works of fiction and non-fiction. These sessions will help students to use effective writing skills to create original works	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L
51	SEM V	010324506 - PP	T1540	Administrative Law	60	CO1	To get acquaint with the theories of Administrative Law and control mechanism over administrative authorities for smooth functioning of democracy	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
51					60	CO2	To understand the utility of adjudicatory power and discretionary power employ by the administrative authorities.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
51					60	CO3	To develop the analytical skill through various case laws.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
51					60	CO4	To learn about the maintenance of transparency and accountability of administration.	Strong-H	-	-	Moderate-M	Strong-H	Strong-H
51					60	CO5	To create the awareness regarding the reasonableness and fairness in the functioning of the administrative authorities and recent developments	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
52	SEM V	010324507 - PP	T2101	Legal Skills VI (Advocacy, Simulation & Client Counselling)	60	CO1	To enable students to understand advocacy	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
52					60	CO2	To prepare students not only as how to prepare before client counselling but also essential for counselling such as listening, patience, finding legal solution	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
52					60	CO3	To enable student as what lawyers should be preparation before appearing in courts and case preparation or documents preparation	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
52					60	CO4	To giving students practice knowledge about practice of law	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
53	SEM V	010324508 - PP	T1342	Human Rights Law & Practice	60	CO1	To enable the student to understand the various Human rights under the international Covenants, protocols and instruments..	Strong-H	Strong-H	Strong-H	Moderate-M	-	-

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53					60	CO2	To learn various sources of human rights.	Strong-H	Strong-H	Strong-H	Moderate-M	-	-
53					60	CO3	To equip the students to take up systematic legal research in this arena.	Strong-H	Strong-H	Strong-H	Strong-H	-	-
54	SEM V	010324509 - PP	T1312	Banking Law	60	CO1	To provide an outline of foundation on which the present banking system stands	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
54					60	CO2	To develop an understanding about the law relating to the banking industry	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
54					60	CO3	To develop an insight into the various aspects of banking sector which includes financial investments, economics, communication, banker-customer relationships and various laws related to the banking business in India	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
54					60	CO4	To develop understanding regarding foreign exchange as banking business with other relative subjective interpretations	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
55	SEM V	010324510 - PP	T1358	Introduction to Intellectual Property Law	60	CO1	To explain the basics of Intellectual Property Rights and the related protection systems.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
55					60	CO2	To compare the theoretical justification for Intellectual Property Rights	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
55					60	CO3	To appraise the international regime, treaties and conventions on intellectual property rights	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
55					60	CO4	To describe the various forms of IP such as Patent, Copyright, Trademark, Design, Geographical indication, traditional knowledge, Plant varieties, trade secret and Layout design of Integrated circuits	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
55					60	CO5	To discuss contemporary issues relating to IPR including human rights aspects.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
56	SEM V	010324511 - PP	T1289	National Security Law	60	CO1	To discuss the growth of national security Law as a discipline.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
56					60	CO2	To analyse the conflict of rule of law and human rights with national security issues.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
56					60	CO3	To understand the privacy concerns in the name of national security.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
56					60	CO4	To understand the impact of technological advancements on national security.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
57	SEM V	010324512 - PP	T1325	Retail Business and Law	60	CO1	To develop an understanding of the legal issues involved in retail business with a focus on areas often overlooked or misunderstood	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M

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57					60	CO2	To explore the key areas including: concept of retail and different formats, legal structure including tax implications, international trade laws	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
57					60	CO3	To understand and analyze the permissible models for entry of foreign players with focus on the FISCAL laws in India and other Bilateral and multilateral treaties.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
58	SEM V	010324513 - PP	T1334	Food Safety laws	60	CO1	To introduce the Law relating to Food Safety and Security and understand the importance of food safety management systems	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
58					60	CO2	To explain various issues related to food safety and quality	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
58					60	CO3	To understand the need to regulate food, study food and drug administration and become familiar with national and international food standards and their role in ensuring food quality and safety	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
58					60	CO4	To understand statutory and regulatory framework related of food standards in India and the role of government agencies in decision-making process and policies	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
58					60	CO5	To be acquainted with types of offences and its prosecution	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
58					60	CO6	To recognize the social issues of hunger, Right to Food as a Human Right and Fundamental Right and analyse the initiatives of International and Regional instruments to address food inadequacy problem	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
59	SEM V	010324514 - PP	T1327	Human Rights Law and Practice	60	CO1	To enable the student to understand the various Human rights under the international Covenants, protocols and instruments.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
59					60	CO2	To learn various sources of human rights.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
59					60	CO3	To equip the students to take up systematic legal research in this arena.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
60	SEM VI	010323609 - PP	T1368	MEDIA LAW	60	CO1	To discuss some of the basic aspects relating to media law.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-
60					60	CO2	To familiarize the students with the key concepts regarding theories and history of media in India	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-
60					60	CO3	To discuss the legal framework and legislation governing and which regulates the media in India. To discuss the landmark judgments which have interpreted the laws relating to media.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-
60					60	CO4	To teach the provisions dealing with films as a medium of speech and expression.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-

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60					60	CO5	To keep students abreast of the latest developments and changes in the field of Media Law.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-
61	SEM VI	010323612 - PP	T1351	International Trade & Economics	60	CO1	Understand the evolution of WTO and International Trade	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L
61					60	CO2	Study the nature and scope of International Economic Laws	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
61					60	CO3	Learn the importance of World Economic Order and international agencies	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
61					60	CO4	Acquaint students with structural organization and dispute settlement mechanism of WTO	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
61					60	CO5	Comprehend the relevance of anti dumping, subsidies and countervailing duties and some sectoral issues in International trade	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
61					60	CO6	Know the importance of TRIPS, Trade in Services and Trade in Goods	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
62	SEM VI	010323615 - PP	T1352	Sexual Harassment at work place	60	CO1	To understand the social and organizational context of the sexual harassment and related problems to it.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
62					60	CO2	To understand the utility of (Prevention, Prohibition and Redressal) Act, 2013 as well as analyze the various anti-sexual harassment policy & standard practice for protection of women.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
62					60	CO3	To develop the analytical skill through various case laws.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
62					60	CO4	To learn about the implication of Internal Complaint Committee and its proper working.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
63	SEM VI	010324601 - PP	T1151	Company Law II	60	CO1	To Explain The Structure, Function and Role of Corporate Management	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
63					60	CO2	To Interpret the Company law provisions relating to corporate democracy, Company meetings, restructuring, reorganizing, mergers and amalgamation of corporations and financial management.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
63					60	CO3	To evaluate the concept and procedure of corporate breakdown of winding up which are an integral part of corporate transactions and oppression and mismanagement.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
63					60	CO4	To identify the role, powers and functions of Securities and Exchange Board of India	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
64	SEM VI	010324602 - PP	TL003	IICT I	60	CO1	To introduce the basic concepts used in research and to scientific social research methods and their approach to the Business Management students	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M

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67					60	CO3	To understand and analyze the rules governing national and international recognition and enforcement of foreign judgments	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
67					60	CO4	To demonstrate the basic knowledge and understanding relating to jurisdiction and choice of law in various areas of choice of law including, Contract, Tort and Family law matters	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
68	SEM VI	010324606 - PP	T3228	E-Business Technology	60	CO1	To make student understand and appreciate the significant changes in business due to technological advancement	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
68					60	CO2	To equip students with informed critical knowledge on ICT used for business changing business environment and strategies	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
68					60	CO3	To create awareness on the technical aspects such as searching technique, emerging technologies and web-based tools	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
68					60	CO4	To make students explore theory and design e-business models or solution through writing assignments and applied tasks.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
69	SEM VI	010324607 - PP	T1524	Patent Law and Practice	60	CO1	This course provides students the skill, knowledge and understanding of patent laws and the procedural aspects relating to patents.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
69					60	CO2	Students will learn the legal procedural requirements for the grant of a patent in India, US and Europe.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
69					60	CO3	This course also aims at imparting a overview on practical knowledge to the student relating to drafting of patent specifications, understanding strategies, patent specification.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
69					60	CO4	This course also deals with the relevance of trade secret and know how in relation to inventions.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
70	SEM VI	010324608 - PP	T1329	Penology and Victimology	60	CO1	To provide concrete theoretical understanding on Penology and Victimology	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
70					60	CO2	To encourage critical thinking on victim's place in the justice system and reformation of prisoners	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
70					60	CO3	To explore alternative approaches to victimization and punishment	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
71	SEM VI	010324610 - PP	T1367	Copyright Law	60	CO1	To provide in-depth knowledge regarding copyrights to the students.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
71					60	CO2	To focus on national framework, international framework and contemporary issues in copyright protection	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H

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71					60	CO3	To provide theoretical aspects and practical inputs of copyright law.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
71					60	CO4	To learn about the legal requirements of registration of Industrial Design	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
71					60	CO5	To acquaint the students with legislation dealing with protection of layout design of integrated circuits and bring out the analytical and reasoning skills in the students.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
72	SEM VI	010324611 - PP	T1368	Right to Information Law	60	CO1	To understand the evolution and development of Right to Information.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
72					60	CO2	To understand the evolution and development of Right to Information.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
72					60	CO3	To know the various exceptions provided for in the Act and the reason behind.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
72					60	CO4	To analyse the changes required in the present time and have a practical approach of obtaining information through RTI.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
73	SEM VI	010324613 - PP	T1366	Patent law & Practice	60	CO1	To provide the students the skill, knowledge and understanding of patent laws and the procedural aspects relating to patents.	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
73					60	CO2	To understand the legal and procedural requirements for the grant of a patent in India, US and Europe	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
73					60	CO3	To give a practical edge of drafting of patent specifications	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
73					60	CO4	To understand the relevance of trade secret and know-how in relation to inventions	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
73					60	CO5	To understand the contemporary issues related to patent law.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
74	SEM VI	010324614 - PP	T1351	Health Law	60	CO1	This course seeks to explore various areas of the law that deal with creating and maintaining and regulating health.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
74					60	CO2	It incorporates broad theoretical basis behind the relationship between law and healthcare services.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
74					60	CO3	The course aims to give comprehensive and practical approach to the students to make them aware of the developments in medical sciences, to explore various issues and to enable them to be equipped to face the recent challenges raised by the modern issues in contemporary era.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
75	SEM VII	010324701 - PP	T1149	Civil Procedure Code and Limitation Act I	60	CO1	To give the students a better understanding of the interpretation and construction of the various sections of the CPC	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H

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75					60	CO2	To make the students understand that the code of civil procedure code is to facilitate justice and further it ends	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H
75					60	CO3	To Learn and understand the procedure of filling the suit in the court, the document in support and against evidence taken the dimension of entry order, the peculiar nature of the suit	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H
75					60	CO4	To impart the students the procedural aspects in civil court practice	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H
76	SEM VII	010324702 - PP	T2978	Principles of Taxation Law	60	CO1	To provide an understanding of the taxation law in India, with focus on the Income Tax Act	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
76					60	CO2	To provide an understanding of the computation of Income under different heads of Income under Income Tax Act	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
76					60	CO3	Computation of Tax Liability of Individual Assessee	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
77	SEM VII	010324703 - PP	T1354	Human Right Law and Practice	60	CO1	To enable the student to understand the various Human rights under the international Covenants, protocols and instruments..	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
77					60	CO2	To learn various sources of human rights.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
77					60	CO3	To equip the students to take up systematic legal research in this arena.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
78	SEM VII	010324704 - PP	T1501	Gender Justice and Feminist Jurisprudence	60	CO1	To know the contribution of law to equality and its role in the elimination of inequality	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
78					60	CO2	To understand and develop a perspective on all aspects of gender justice; feminism - social, political and cultural; and, feminist legal theory.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
78					60	CO3	To study the various strands of feminist jurisprudence and to develop informed approaches and feminist methods to legal study and research.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
78					60	CO4	To challenge and rethink on commonplace perceptions of the normality of standards, as the conceptions of equality or justice through rules applicable in various stages and roles of life	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
79	SEM VII	010324705 - PP	T2478	Humanitarian and Refugee Law	60	CO1	To help students gain sound knowledge and understanding of the history and development of law of armed conflict and refugee law.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
79					60	CO2	To understand basic legal concepts and norms of armed conflict and refugee law.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
79					60	CO3	To help students critically analyse contemporary issues which have arisen in the application and interpretation of international humanitarian law.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
79					60	CO4	To appreciate that these laws can be better respected and enforced through the International Criminal Court and other international tribunals.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
80	SEM VII	010324706 - PP	T1536	Merge and Acquisitions	60	CO1	The purpose of this course is to study different forms of Corporate Restructuring.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
80					60	CO2	The purpose of this course is to study the fundamental Concepts central to Mergers and Acquisition transactions.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
80					60	CO3	To acquaint students with the regulatory mechanism applicable in a Mergers and acquisition transaction.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
80					60	CO4	To provide insights into the Due diligence, valuation of business and accounting issues in Mergers & Acquisitions.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
81	SEM VII	010324707 - PP	T1326	International Trade and Economics	60	CO1	Understand the evolution of WTO, and International Trade	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M
81					60	CO2	Study the nature and scope of International Economic Laws	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M
81					60	CO3	Learn the importance of World Economic Order and international agencies	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M
81					60	CO4	Acquaint students with structural organization and dispute settlement mechanism of WTO	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
81					60	CO5	Comprehend the relevance of anti dumping, subsidies and countervailing duties and some sectoral issues in International trade	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
81					60	CO6	Know the importance of TRIPS, Trade in Services and Trade in Goods	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
82	SEM VII	010324708 - PP	T1348	Banking Law	60	CO1	To provide an outline of foundation on which the present banking system stands	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
82					60	CO2	To develop an understanding about the law relating to the banking industry	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
82					60	CO3	To develop an insight into the various aspects of banking sector which includes financial investments, economics, communication, banker-customer relationships and various laws related to the banking business in India	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
82					60	CO4	To develop understanding regarding foreign exchange as banking business with other relative subjective interpretations	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
83	SEM VII	010324709 - PP	T1369	Insurance Law	60	CO1	To acquaint the students with the conceptual and operational basics of Insurance Law	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
83					60	CO2	To learn about various Insurance Laws applicable in India	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
83					60	CO3	To understand the principles, practice and science of insurance, which are used by the insured and the insurer	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
84	SEM VII	010324710 - PP	T1369	Intellectual Property Law	60	CO1	To explain the basics of Intellectual Property Rights and the related protection systems.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
84					60	CO2	To compare the theoretical justification for Intellectual Property Rights	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
84					60	CO3	To appraise the international regime, treaties and conventions on intellectual property rights	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
84					60	CO4	To describe the various forms of IP such as Patent, Copyright, Trademark, Design, and Indian Legislations dealing with them	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
84					60	CO5	To acquaint the students with other forms of IP such as Geographical Introduction, Traditional Knowledge, Protection of Plant Varieties and Integrated Circuits	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
85	SEM VII	010324711 - PP	T1348	Competition Law	60	CO1	To help students gain sound knowledge and understanding of the history and development competition law.	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
85					60	CO2	To analyze and interpret provisions and policies with regard to the Competition Act.	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H
85					60	CO3	To help students critically analyze and appreciate the orders of the CCI in various cases.	-	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
85					60	CO4	To examine the link of the competition policy and other laws in the country.	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
86	SEM VIII	010324801 - PP	T1344	Law of Evidence	60	CO1	To introduce the substantive part of Law of Evidence and help the learners to acquire a general understanding of the importance of law of evidence and consider its practical application.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
86					60	CO2	To identify and acquire a detailed knowledge and understanding of selected, individual areas of the Law of Evidence and to enable the student to appreciate the concepts and principles underlying the law of Evidence and identify the recognized forms of evidence and its sources.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
86					60	CO3	To explore issues of professional responsibility related to preserving and using evidence and encouraging them to critically evaluate the modern law of criminal evidence and its societal impact.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
86					60	CO4	To impart the skills of examination, cross examination, re-examination and appreciation and admissibility of different kinds of evidences in the process of finding the truth and shifting the nature of burden of proof.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
86					60	CO5	To understand the concepts brought in, by amendments to the Law of Evidence.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
87	SEM VIII	010324802 - PP	T2486	Civil Procedure Code and Limitation Act II	60	CO1	To give the students an analysis of the various concepts like execution proceedings , appeals, garnishee, the peculiar nature of some kinds of suits and limitations act of CPC	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
87					60	CO2	To make the students understand the procedure of filling the suit in the court , the documents in support and against	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
88	SEM VIII	010324803 - PP	T1204	Forensic Science	60	CO1	To understand the importance of Forensic Science in studying Criminal Law	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
88					60	CO2	To analyse the basic principles of Forensic Science in Criminal Investigation	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
88					60	CO3	To analyse the Medico Legal aspects of Forensic Science	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
88					60	CO4	To gain conceptual understanding of various aspects of physical evidences and toxicology	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
88					60	CO5	To understand the concepts brought in, by amendments to the Law of Evidence.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
89	SEM VIII	010324804 - PP	T1355	International Criminal Law	60	CO1	To understand the different principles of International Criminal Law	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
89					60	CO2	To search research opportunities in International Criminal Law	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
89					60	CO3	To keep knowledge as to solve the individual cases on international criminal	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
89					60	CO4	To understand the Procedural Aspect of International Trials	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
89					60	CO5	To searching the opportunities of retributive justice and International co-operation	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
90	SEM VIII	010324805 - PP	T1362	Penology and Victimology	60	CO1	To provide concrete theoretical understanding on Penology and Victimology	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
90					60	CO2	To encourage critical thinking on victim's place in the justice system	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
90					60	CO3	To understand historical trends in punishment for offenders and treatment for victims	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
90					60	CO4	To explore alternative approaches to victimization and punishment	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
91	SEM VIII	010324806 - PP	T1359	Media Law	60	CO1	To discuss some of the basic aspects relating to media law.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
91					60	CO2	To familiarize the students with the key concepts regarding theories and history of media in India	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
91					60	CO3	To discuss the legal framework and legislations governing and which regulates the media in India. To discuss the landmark judgments which have interpreted the laws relating to media.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
91					60	CO4	To teach the provisions dealing with films as a medium of speech and expression.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
91					60	CO5	To keep students abreast of the latest developments and changes in the field of Media Law.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
92	SEM VIII	010324807 - PP	T1359	Information Technology Law	60	CO1	To develop an understanding of practical applicability of Information Technology Law in India in detail.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M
92					60	CO2	To learn and understand the applicability of Information Technology Act, 2000, core Provisions of the information Technology law Act and regulatory framework under the act	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
92					60	CO3	To understand the authentication mechanism involved in Information Technology law for e-records and digital signatures and its legality following the evidentiary values.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M
92					60	CO4	To learn the system of e-governance under information technology law and its importance.	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M
92					60	CO5	To provide in-depth knowledge about the adjudication of cyber crimes and cyber crime investigation rights	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
92					60	CO6	To enable students with the practical aspects of this subject.	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M
93	SEM VIII	010324808 - PP	T1365	International Banking and Finance	60	CO1	To learn and understand the details of banking operations, background and necessity of Indian Banks and the requirement of expansion of the banking sector	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
93					60	CO2	To learn and understand the regulatory framework of international banking and finance	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
93					60	CO3	To achieve skills & understanding in identifying key issues and problems in international banking and finance	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
96					60	CO6	To understand and deal specifically with the experience of post-war Western Europe, European integration, the equation between European Community Laws and those of the nation- state system.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
97	SEM VIII	010324812 - PP	T1324	Energy Law	60	CO1	To learn about the techno-legal aspects of Energy.	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
97					60	CO2	To understand the historical aspect on law relating to electricity	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
97					60	CO3	To understand the various aspects relating to fuels used for production of energy	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M
97					60	CO4	To learn about the historical and other legal aspects relating to petroleum and natural gas	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
97					60	CO5	To introspect into the judicial precedent in the energy sector	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
98	SEM IX	010324901 - PP	T1330	Labour and Industrial Law	60	CO1	To have a clear concept of labour legislations	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H
98					60	CO2	To understand the origin and factors responsible for the growth of labour legislations	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H
98					60	CO3	To analyse and scrutinise the law and the decisions of courts	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
98					60	CO4	To comprehend the categorisation of different labour legislation and their social security aspect	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H
99	SEM IX	010324902 - PP	T1554	Drafting, Pleading and Conveyance (Clinical Course I) 3	60	CO1	To analyze the crucial importance and rules relating to Drafting, Pleading and Conveyancing	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
99					60	CO2	To outline the foundations on which civil litigations/other claims are based	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
99					60	CO3	To understand the basic for preparation of the various deeds relating to transfer of property and ownership	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
99					60	CO4	To Excel the student ready for Legal Practice	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
100	SEM IX	010324903 - PP	T1525	Alternative Dispute Resolution (Clinical Course II)	60	CO1	To understand various alternate modes of dispute resolution	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
100					60	CO2	an overview over the extent of judicial intervention in arbitral proceedings	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
100					60	CO3	understand the importance of arbitration agreement, tribunal and award	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
100					60	CO4	To understand the major legal aspects of international commercial arbitration	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
100					60	CO5	To introduce the students to enforcement of foreign awards	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
101	SEM IX	010324904 - PP	T1346	Comparative Criminal Procedure	60	CO1	To understand the basic objective of criminal law and the importance of comparative study	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
101					60	CO2	To acquaint students with hierarchy of courts in India and different other countries.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
101					60	CO3	To teach specific provisions under Criminal Procedure Code with a comparative approach	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
101					60	CO4	To equip the students to use various legal reasoning and research techniques, various methods of interpreting a statute and analysis of cases like identifying the facts, issues and how to analyze both in line with legal theories.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
101					60	CO5	To develop a comparative approach and independent thinking of the students relating to criminal law.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
102	SEM IX	010324905 - PP	T1346	Comparative Constitution	60	CO1	To understand the basic objective of comparative Constitutional law and the importance of comparative study of the law of land of different Countries and also to teach the provisions of various countries by drawing a comparison and contrast.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
102					60	CO2	To equip the students to use various legal reasoning and research techniques, various methods of interpreting a Constitution and analysis of cases like identifying the facts, issues and ratiodecidenti and the legal systems of different countries.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
102					60	CO3	To develop a comparative approach and independent thinking of the students relating to constitutional law.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
103	SEM IX	010324906 - PP	T1316	Investment Law	60	CO1	To provide an outline of types and definition of investment related legal terminologies and their relevance.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
103					60	CO2	To develop an application based understanding about the law relating to the investment law.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
103					60	CO3	To develop analytical skill-set among the students so as to interpret the issue pertaining to the law relating to investment law.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
104	SEM IX	010324907 - PP	T1347	Trade and Services in Emigration	60	CO1	1. To understand the concept of migration and various concepts and theories associated with it.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
104					60	CO2	2. To understand the constitutional perspective on migration in India.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
104					60	CO3	3. To explore the role of international law in controlling migration and its influence in the global migration.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
104					60	CO4	4. To understand the trade related aspects of migration.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
104					60	CO5	5. To identify the socio-political and economic consequences resulting from the migration.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
105	SEM X	0103241001 - PP	T1332	Professional Ethics and Professional Accounting System (Clinical Course III) 6	60	CO1	To understand the concepts of legal profession, Professional standers	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
105					60	CO2	To create knowledge about the Professional ethics, moral value	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
105					60	CO3	To acquaint students with various legal as well as social responsibility of lawyers	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
105					60	CO4	To understand the role of book keeping and record keeping and maintained of various accounts for Professional activities	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
105					60	CO5	To Understand the concepts of contempt of court and contempt actions	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
106	SEM X	0103241002 - PP	T1158	Moot Court Exercise and Internship (Clinical Course IV)	60	CO1	To understand the importance of Mooting in court practise	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
106					60	CO2	To understand the basic art of mooting and case research.	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
106					60	CO3	To analyse the process Client counselling and interviewing	-	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
106					60	CO4	To gain conceptual understanding of various processes in both criminal trial and civil litigation.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
106					60	CO5	To explore the practise based learning oppourtunity through internships	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
107	SEM X	0103241003 - PP	T1537	Projects and presentations	60	CO1	To understand the concepts of Research and types of research and application of tools used for various types of research	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
107					60	CO2	To create knowledge about the interpretation of research data, articulation of research data	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
107					60	CO3	To acquaint students to method of collect research data, source of research data, tools for interpretation of research data	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
107					60	CO4	To Understand the meaning of sampling in research, qualitative and quantitative method of collecting research data	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
107					60	CO5	To understand ethical moral standard of researcher and how to avoid conflict of interest in research	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
108	SEM X	0103241004 - PP	T1317	Financial and Systemic Fraud	60	CO1	To study financial frauds and crimes in its various forms such as credit card frauds, mortgage frauds, corporate frauds, securities fraud, bank frauds, tax evasion, bribery, embezzlement, money laundering, identity theft etc.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
108					60	CO2	To study the law and control of financial frauds and appreciate the challenges of prosecution and defence of the criminals who involve themselves in such crimes.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
108					60	CO3	To identify criminological theories which apply to these kinds of crimes	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
109	SEM X	0103241005 - PP	T1363	UNCITRAL Model Codes	60	CO1	To give student comprehensive knowledge of working of UNCITRAL under the aegis of UNO.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
109					60	CO2	To understand the role and importance of Private International Trade Law being developed by UNCITRAL in International Commercial Transactions.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
109					60	CO3	To understand the work carried out by UNCITRAL and understand the functioning of UNCITRAL.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Demonstrate the knowledge and understanding of the substantive law, procedural law and Constitutional Law.
2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	Develop the ability to perform legal analysis and reasoning, legal research, problem solving, written and oral communication in the legal context and apply it in legal practise and real life situation.
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	Understand the interdisciplinary nature of law and relate it with other disciplines like humanities, social sciences and management.
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	Demonstrate the professional skills of pleading, argument, drafting and conveyancing, collaboration, counselling and negotiation required for legal practice.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Develop the ability of analyzing the law in relating to contemporary developments at national and international level.
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	Demonstrate familiarity with the rules of professional ethics and exhibit its application in legal profession.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
1	SEM I	010421101 - PP	T1029	Law of Contract	60	CO1	Students will be acquainted with the procedural rules that are required to be satisfied before the formation of a Contract.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
1					60	CO2	Students will become aware about the consequences of legal enforceability of contracts	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
1					60	CO3	It will inculcate amongst students the case synthesis/problem solving technique and the students will be able to explain how the principles and cases laws should be used in practice by interpreting the law of Contracts.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
1					60	CO4	Students will become abreast with the expanding role of contract in an era of privatization.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
2	SEM I	010421102 - PP	T1462	Law of Torts including MV Accident and Consumer Protection Laws I	60	CO1	The students will be able to explain how the principles and cases laws should be used in practice given the fact that the Law of Torts is not codified	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
2					60	CO2	Appreciation of the developing contours of the Law of Torts in new areas like Privacy, Confidentiality etc	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
2					60	CO3	Awareness to important areas of Law of Torts and their key role in judicial decisions	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
2					60	CO4	Develop expertise in the area of Motor Vehicles Act and Consumer Protection Act	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
2					60	CO5	Display understanding of the operation of this branch of common law and its potential of expansion which governs actions for damages for injuries to certain kinds of rights, like the right to personal security, property and reputation.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
3	SEM I	010421103 - PP	T6752	English	60	CO1	Students will be able to analyze the intersectional and interdisciplinary approach between Law & Literature	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
3					60	CO2	Students will be able to explain and interpret the significant questions of justice and ethics	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
3					60	CO3	Students will be able to examine Law from the humanistic & philosophical perspective by the study of literary texts	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
3					60	CO4	Students will be able to summarize, interpret and criticize the literary works, will develop argumentation skills through the trial scenes of literary texts.	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
3					60	CO5	Students will be able to improve their writing, critical thinking, and communication skills, to perceive human nature and its various dimensions.	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
4	SEM I	010421104 - PP	T6758	History I History of Law and Legal Institutions in Ancient and Medieval India	60	CO1	This Course attempts to study and Interpret stages and processes of state formation in India from the ancient period through the medieval period right up to the modern period	Weak-L	Weak-L	Strong-H	-	Weak-L	-
4					60	CO2	The study of this course assists students to sketch and critically analyze the development of the legal institutions of the state in ancient & medieval history	Moderate-M	Weak-L	Strong-H	-	Weak-L	-
4					60	CO3	Students understand and examine from the study of this subject the processes through which the society traverses directly influencing the legal, political and cultural traditions in India	Moderate-M	Weak-L	Strong-H	-	Weak-L	-
5	SEM I	010421105 - PP	T6771	Sociology	60	CO1	To equip young minds to understand the sociological perspective so as to enhance legal understanding of the problem in hand.	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
5					60	CO2	To learn identify social stratification and social structure, changing nature of social institutions and related social dynamics and social problems of Indian society	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
5					60	CO3	To build the knowledge base and apply it to the different facets of society.	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
5					60	CO4	To examine different sociological concepts and social institutions like gender, religion, caste, class, education, family.	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
5					60	CO5	To make use of sociological concepts in understanding the laws and the judicial system.	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
6	SEM I	010421106 - PP	T3246	Legal Database	60	CO1	Students will be able to access and use the legal databases both National as well as international to cater to their present and anticipate needs.	Strong-H	Strong-H	-	Strong-H	Strong-H	-
6					60	CO2	Students will be able to do advanced research with the technical tools available in the online legal databases.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	-
6					60	CO3	Students will be able to maintain and retain the legal research and information in soft form for future references.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	-
7	SEM I	010421107 - PP	T1534	Indian Legal System and Legal Methods	60	CO1	To build students understanding in relation to primary governing principles and sources of Indian Legal System as a whole.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
7					60	CO2	To enable them to understand the foundation and basic working of each wing of the government and their hierarchical authority.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
7					60	CO3	To inculcate the importance of having alternate dispute resolution mechanism.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
7					60	CO4	To introduce them to the basic methods of legal research.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
8	SEM I	010421108 - PP	T6762	Foundation of Ethics	60	CO1	Students will be able to develop a thoughtful and useful framework for understanding classical ethics.	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H
8					60	CO2	Students will be able to acquainted with several theoretical concepts pertaining to Philosophy	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H
8					60	CO3	The present study enables the students to understand issues relatingto ethical dilemmas in every aspects of life	Moderate-M	Weak-L	-	Weak-L	Weak-L	Strong-H
8					60	CO4	Students will learn to interpret ethical values and relate to social context of problems	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H
8					60	CO5	Students will understand the inter-relationship between law and ethics	Weak-L	-	Moderate-M	Moderate-M	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
8					60	CO6	Students are able to distinguish between the practice of Ethical values in public life and private life	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H
8					60	CO7	Students are in a position to understand ethical and moral values that they have to adhere in their professional life while practicing law	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-
9	SEM I	010421109 - PP	T1335	Legal Skills I (Research)	60	CO1	Students will be able to understand basic principles of legal research	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-
9					60	CO2	Students will be able to formulate research problem on their own	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-
9					60	CO3	Students will be able to utilize credible resources as a tool for academic research	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-
9					60	CO4	Students will be able to use and interpret legal citations	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-
9					60	CO5	Students will be able to write research paper on their own	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-
10	SEM II	010421202 - PP	T1402	Constitutional Law I	60	CO1	Students will be able to Interpret and comprehend the provisions of the Indian constitution and its constitutional values.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L
10					60	CO2	Students will be able to contrast, in passing, the corresponding constitutional provisions of other jurisdictions, such as the United States, etc.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L
10					60	CO3	Students will be able to apply the provisions of Fundamental Rights in day-to-day life and identify the breach of those rights.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L
10					60	CO4	Students will be able to Illustrate the importance of Fundamental Duties and moral obligations of the citizens and to comply with the same.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L
10					60	CO5	Students will be able to compare the working of Fundamental Rights and Directive Principles of State Policy and build upon their correlation in the modern day society.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
10					60	CO6	Students will be able to explain the various remedies enshrined under the Constitution and apply them in day-to-day scenario	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L
10					60	CO7	Students will be able to relate to the amendable and transformative nature of the Constitution	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
11	SEM II	010421203 - PP	T6772	Contemporary Sociological Theories	60	CO1	Students will be able to define Sociology and demonstrate nature, scope and subject-matter of Sociology.	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
11					60	CO2	Students will be able to demonstrate how Sociology differ from and similar to other social sciences and their areas of interdependence.	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
11					60	CO3	Students will be able to know the basic social institutions like family, marriage, kinship in a scientific way.	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
11					60	CO4	Students will be able to understand and demonstrate how self develops through various process of interaction. Demonstrate how societal and structural factors influence individual behaviour.	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
11					60	CO5	Students will be able to explain social change and the factors affecting social change. Realize the importance of cultural lag to understand social change.	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
12	SEM II	010421205 - PP	T6753	English (Advance)	60	CO1	Students will be able to analyze and interpret law, philosophy, culture and social change through the lens of literature.	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
12					60	CO2	Students will be able to understand, analyze and objectively evaluate various literary pieces of works such as novels, plays, short stories, biographies, poems that depict legal themes.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
12					60	CO3	Students will be able to develop argumentation skills through the trial scenes of literary texts, will perceive human nature and its various dimensions.	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
12					60	CO4	Students will be able to improve their writing, critical thinking and communication skills, will perceive human nature and its various dimensions.	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
12					60	CO5	Students will be able to perceive the influences, nuances and content of literary works and will develop perceptions of the Rule of Law and the Rule of Justice through literature.	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
13	SEM II	010421206 - PP	T6759	History II History of Law and Legal institutions in medieval and Modern India	60	CO1	Students will be able to understand and analyze the process of transition period with the advent of Muslims in this country and also the British administration.	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
13					60	CO2	Students will be able to examine the present-day society, its secular nature and understand the need for communal harmony.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
13					60	CO3	The present study enables the students to conduct exhaustive research on the transition and development of the Indian society especially in the legal field.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
13					60	CO4	Law and legal institutions have a social life and are historically contingent	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
13					60	CO5	Cultural and Social transformations have a tremendous influence in shaping the legal and political consciousness of a society.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
13					60	CO6	Legal and constitutional changes in India took birth under conditions of colonialism and the resultant efforts of the postcolonial state to grapple with the colonial legacy.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
14	SEM II	010421207 - PP	T6763	Political Science I	60	CO1	Students will be able to understand the world, their country, their society, as well as themselves and have awareness of ethical problems, social rights, values and responsibility to the self and to others.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
14					60	CO2	Students will be able to develop knowledge of theories, concepts, and research methods in humanities and social sciences.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
14					60	CO3	Students will be able to assess how global, national and regional developments affect society.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
14					60	CO4	Students will be able to know how to access and evaluate data from various sources of information.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
15	SEM II	010421208 - PP	T1336	Legal Skills II (Advocacy Skills)	60	CO1	Students will be well acquainted with the skills pertaining to advocacy.	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H
15					60	CO2	Students will be well versed with the practical approach about legal skills.	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H
16	SEM II	010421209 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M
16					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L
16					60	CO3	To train students to perform First aid and CPR in an emergency.	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H
17	SEM II	010422201 - PP	T1030	Special Contract	60	CO1	To gain knowledge on application of special rules under the Indian Contract Act, 1872 regarding particular species of contracts like indemnity, guarantee, bailment, pledge and agency.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M
17					60	CO2	To study the Sale of Goods Act, 1930 which is the law relating to common transactions in the business and day-to-day life.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M
17					60	CO3	To learn about the Indian Partnership Act as this deals with a special contract among the persons who jointly carry on the business.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
17					60	CO4	To learn the application of the law relating to the Negotiable Instruments Act, 1881 which delas with the documents envolved by businessmen as a substitute for money.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
18	SEM II	010422205 - PP	T1463	Law of Torts including MV Accident and Consumer Protection Laws II	60	CO1	Explain the law of private rights and remedies which are not covered by statute.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M
18					60	CO2	Display understanding of the operation of this branch of common law and its potential of expansion which governs actions for damages for injuries to certain kinds of rights, like the right to personal security, property and reputation.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M
18					60	CO3	Should be able to Demonstrate application of the principles of Law of Torts in contemporary areas like Human Rights, Environmental Rights, and Intellectual Property Rights.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M
18					60	CO4	Appraise the differing requirements which lead to civil liability for different torts against person and property.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Law School, Nagpur Programme Name : Bachelor of Business Administration and Bachelor of Laws

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Demonstrate the knowledge and understanding of the substantive law, procedural law and Constitutional Law.
2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	Develop the ability to perform legal analysis and reasoning, legal research, problem solving, written and oral communication in the legal context and apply it in legal practise and real life situation.
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	Understand the interdisciplinary nature of law and relate it with other disciplines like humanities, social sciences and management.
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	Demonstrate the professional skills of pleading, argument, drafting and conveyancing, collaboration, counselling and negotiation required for legal practice.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Develop the ability of analyzing the law in relating to contemporary developments at national and international level.
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	Demonstrate familiarity with the rules of professional ethics and exhibit its application in legal profession.

7	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO7	Demonstrate the basic understanding of business fundamentals and be able to understand basic financial transactions and documents.
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Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
1	SEM I	010422101-PP	T1029	Law of Contract	60	CO1	Students will be acquainted with the procedural rules that are required to be satisfied before the formation of a Contract.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M
1					60	CO2	Students will become aware about the consequences of legal enforceability of contracts	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M
1					60	CO3	It will inculcate amongst students the case synthesis/problem solving technique and the students will be able to explain how the principles and cases laws should be used in practice by interpreting the law of Contracts.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M
1					60	CO4	Students will become abreast with the expanding role of contract in an era of privatization.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M
2	SEM I	010422102-PP	T2241	Business Studies	60	CO1	To provide in-depth knowledge regarding management skills to the students.	-	-	-	-	-	-	Strong-H
2					60	CO2	To focus on national framework, international framework and contemporary issues in business tactics used everywhere.	-	-	-	-	-	-	Strong-H
2					60	CO3	To provide theoretical aspects and practical inputs of management / business studies	-	-	Weak-L	-	-	-	Strong-H
2					60	CO4	To acquaint the students with real life situations in the corporate world dealing with real cases and bring out the analytical and reasoning skills in the students.	-	-	Weak-L	-	-	-	Strong-H
3	SEM I	010422103-PP	T2970	Business Accounting	60	CO1	To emphasize the need, purpose and importance of Business Accounting	-	-	-	-	-	-	Strong-H
3					60	CO2	The systematic records of Business Transactions, Ledgers and Reconciliations	-	-	-	-	-	-	Strong-H
3					60	CO3	To ascertain profit or loss of the business and to know the financial position	-	-	Weak-L	-	-	-	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
4	SEM I	010422104 - PP	T1462	Law of Torts including MV Accident and Consumer Protection Laws I	60	CO1	The students will be able to explain how the principles and cases laws should be used in practice given the fact that the Law of Torts is not codified	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	-
4					60	CO2	Appreciation of the developing contours of the Law of Torts in new areas like Privacy, Confidentiality etc	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-
4					60	CO3	Awareness to important areas of Law of Torts and their key role in judicial decisions	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-
4					60	CO4	Develop expertise in the area of Motor Vehicles Act and Consumer Protection Act	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-
4					60	CO5	Display understanding of the operation of this branch of common law and its potential of expansion which governs actions for damages for injuries to certain kinds of rights, like the right to personal security, property and reputation.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-
5	SEM I	010422105 - PP	T6752	English	60	CO1	Students will be able to analyze the inter sectional and interdisciplinary approach between Law & Literature.	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	-
5					60	CO2	Students will be able to explain and interpret the significant questions of justice and ethics.	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	-
5					60	CO3	Students will be able to examine Law from the humanistic & philosophical perspective by the study of literary texts.	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	-
5					60	CO4	Students will be able to summarize, interpret and criticize the literary works, will develop argumentation skills through the trial scenes of literary texts.	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	-
5					60	CO5	Students will be able to improve their writing, critical thinking and communication skills, to perceive human nature and its various dimensions.	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M
6	SEM I	010422106 - PP	T3246	Legal Database	60	CO1	To access and use the legal databases both National as well as international to cater to their present and anticipate needs.	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
6					60	CO2	To do advanced research with the technical tools available in the online legal databases.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-
6					60	CO3	To maintain and retain the legal research and information in soft form for future references.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-
6					60	CO4	Students will be in a position to understand ethical and moral values that they have to adhere to their professional life while practicing law.	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-	-
7	SEM I	010422107 - PP	T1534	Indian Legal System and Legal Methods	60	CO1	To build students understanding in relation to primary governing principles and sources of Indian Legal System as a whole.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	-
7					60	CO2	To enable them to understand the foundation and basic working of each wing of the government and their hierarchical authority.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	-
7					60	CO3	To inculcate the importance of having alternate dispute resolution mechanism.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	-
7					60	CO4	To introduce them to the basic methods of legal research.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	-
8	SEM I	010422108 - PP	T6762	Foundation of Ethics	60	CO1	Students will be able to develop a thoughtful and useful framework for understanding classical ethics.	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	-
8					60	CO2	Students will be able to acquainted with several theoretical concepts pertaining to Philosophy	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	-
8					60	CO3	The present study enables the students to understand issues relatingto ethical dilemmas in every aspects of life	Moderate-M	Weak-L	-	Weak-L	Weak-L	Strong-H	-
8					60	CO4	Students will learn to interpret ethical values and relate to social context of problems	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	-
8					60	CO5	Students will understand the inter-relationship between law and ethics	Weak-L	-	Moderate-M	Moderate-M	Weak-L	Strong-H	-
8					60	CO6	Students are able to distiguish between the practice of Ethical values in public life and private life	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	-
8					60	CO7	Students are in a position to understand ethical and moral values that they have to adhere in their professional life while practicing law	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
9	SEM I	010422109 - PP	T1335	Legal Skills I (Research)	60	CO1	Students will be able to understand basic principles of legal research	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-
9					60	CO2	Students will be able to formulate research problem on their own	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-
9					60	CO3	Students will be able to utilize credible resources as a tool for academic research	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-
9					60	CO4	Students will be able to use and interpret legal citations	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-
9					60	CO5	Students will be able to write research paper on their own	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-
10	SEM II	010421202 - PP	T1402	Constitutional Law I	60	CO1	Students will be able to Interpret and comprehend the provisions of the Indian constitution and its constitutional values.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
10					60	CO2	Students will be able to contrast, in passing, the corresponding constitutional provisions of other jurisdictions, such as the United States, etc.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
10					60	CO3	Students will be able to apply the provisions of Fundamental Rights in day-to-day life and identify the breach of those rights.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
10					60	CO4	Students will be able to illustrate the importance of Fundamental Duties and moral obligations of the citizens and to comply with the same.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
10					60	CO5	Students will be able to compare the working of Fundamental Rights and Directive Principles of State Policy and build upon their correlation in the modern-day society.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
10					60	CO6	Students will be able to explain the various remedies enshrined under the Constitution and apply them in a day-to-day scenario	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
10					60	CO7	Students will be able to relate to the amendable and transformative nature of the Constitution	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
11	SEM II	010421208 - PP	T1336	Legal Skills II (Advocacy Skills)	60	CO1	Students Will be well acquainted with the skills pertaining to advocacy	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
11					60	CO2	Students will be well versed with the practical approach about legal skills.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
12	SEM II	010422201-PP	T1030	Special Contract	60	CO1	To gain knowledge on application of special rules under the Indian Contract Act, 1872 regarding particular species of contracts like indemnity, guarantee, bailment, pledge and agency.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
12					60	CO2	To study the Sale of Goods Act, 1930 which is the law relating to common transactions in the business and day-to-day life.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
12					60	CO3	To learn about the Indian Partnership Act as this deals with a special contract among the persons who jointly carry on the business.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
12					60	CO4	To learn the application of the law relating to the Negotiable Instruments Act, 1881 which deals with the documents evolved by businessmen as a substitute for money.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
13	SEM II	010422203-PP	T2459	Corporate Accounting	60	CO1	To understand, relate and apply the concepts of underwriting of shares to the current scenario in respect to companies act	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
13					60	CO2	To outline the procedure and applicability in context to profit prior to incorporation	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
13					60	CO3	To understand and apply the concepts of valuation of Goodwill	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
13					60	CO4	To understand the methods of valuation of shares in context to Company final accounts	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
13					60	CO5	Ability to relate the provisions of the Company's Act and Corporate Accounts.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
14	SEM II	010422204-PP	T2116	Marketing Management	60	CO1	Understand the role of marketing management in the economy, its social obligation to the community and its application.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
14					60	CO2	Prepare himself / herself for Activities related to the different aspects of marketing.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
14					60	CO3	Acquire knowledge, understanding and skills in marketing management - used widely	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
14					60	CO4	Understand the functioning of different marketing activities and various kinds of services.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
14					60	CO5	Apply the knowledge gained practically in the functioning of marketing.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
14					60	CO6	Marketing management techniques, presentation, learning to lead and manage teams in an effective manner, interaction with various functions and its importance.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
15	SEM II	010422205 - PP	T1463	Law of Torts including MV Accident and Consumer Protection Laws II	60	CO1	Explain the law of private rights and remedies which are not covered by the statute.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
15					60	CO2	Display understanding of the operation of this branch of common law and its potential of expansion which governs actions for damages for injuries to certain kinds of rights, like the right to personal security, property and reputation.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
15					60	CO3	Should be able to demonstrate the application of the principles of Law of Torts in contemporary areas like Human Rights, Environmental Rights, and Intellectual Property Rights.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
15					60	CO4	Appraise the differing requirements which lead to civil liability for different torts against person and property.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
16	SEM II	010422206 - PP	T6755	English (Communication Skills)	60	CO1	Students will be able to identify and understand different aspects of communication i.e listening, speaking, writing and reading.	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M
16					60	CO2	Students will acquire knowledge of legal maxims, terms and will use them effectively.	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L
16					60	CO3	Students will be able to compare different styles of communication and will be able to build rapport with others through effective communication.	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
16					60	CO4	Students will be able to design and draft effective formal correspondence, reports and presentations etc.	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M

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16					60	CO5	Students will demonstrate excellence as professionals and will be able to plan and implement effective techniques to build healthy professional relationship.	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M
17	SEM II	010422207 - PP	T6757	Managerial Economics	60	CO1	Understanding the role of managerial economics, its social obligation to the community and its application.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
17					60	CO2	Prepare himself / herself for activities related to the different aspects of economics.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
17					60	CO3	Acquire knowledge , understanding and skills in managerial economics - used widely.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
17					60	CO4	Understand the functioning of different economic activities and its types.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
17					60	CO5	Apply the knowledge gained , practically in the functions of economics.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
17					60	CO6	Managerial economic techniques, presentation, learning to lead and manage teams in effective manner , interaction with various functions and its importance.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
18	SEM II	010422209 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L
18					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
18					60	CO3	To train students to perform First aid and CPR in an emergency.	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Law School, Nagpur Programme Name : Master of Laws

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
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1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Demonstrate exhaustive understanding of variety of substantive and procedural laws including various legislations and connected rules and regulations in the area of their specialization.
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	To develop analytical understanding of the subject, theories and institutions in the area of specialization.
3	GA1	Scholarship: research, inquiry and lifelong learning	PO3	To develop ability of the students to analyze the legal problems from scholarly and objective point of view and work towards finding solutions to the problems by application of laws and regulations.
4	GA1	Scholarship: research, inquiry and lifelong learning	PO4	Learn the art of doing doctrinal and empirical research which covers knowledge and implementation of various tools and techniques of research.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	To interpret and analyze the legal and social problems and work towards finding solutions to the problems by application of laws and regulations.
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	Develop the ability of analyzing the law in relation to contemporary developments at national and international level.
7	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO7	To get equipped with the knowledge of teaching methods through the subject on Teaching Pedagogy thereby enabling them to enter the teaching profession.
8	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO8	Apply ethical principles and commit to legal professional ethics, responsibilities and norms of the established legal practices.
9	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO9	To train leaders in the area of law and policy making.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
1	SEM I	010441101 - PP	T1159	Research Methods and Legal Writing	60	CO1	The course is designed to acquaint the post-graduate students with teaching of law and legal research methodology. Besides the traditional lecture method, the course also focuses on interactive and learner-centric methods like seminar, discussion and learning through clinical legal education.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M

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1					60	CO2	The course is designed to provide insight into the aspects of quality, assessment and curriculum designing. The components on legal research aim at developing hand on legal research, use of ICT and legal writing skills.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
2	SEM I	010441102 - PP	T1054	Comparative Public Law	60	CO1	To learn about the significance of the comparative study of the public law.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H
2					60	CO2	To introduce the students to the select models of systems of government prevailing across the globe	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H
2					60	CO3	To enable the students to understand the issues and challenges relating to the public law in India and offer solutions to them by way of insights provided through comparative analysis of the constitutional provisions, judicial decisions and conventions applicable in select countries.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H
3	SEM I	010441103 - PP	T1056	Law and Justice in a Globalizing World	60	CO1	Students will develop research and thorough analytical skills within a comparative global context.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
5	SEM I	010441105 - PP	T1238	International Trade Law	60	CO1	To provide an overview of the world trading system especially in the context of a globalized world.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M
5					60	CO2	To examine the international legal regime for international trade with a focus on the WTO.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M
5					60	CO3	To study about the free trade theory and the trade policies and regulation of international trade.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M
5					60	CO4	To study the bilateral, multilateral and regional agreements, the controversies in international trade, law, the developed and developing country perspectives on international trade.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M
5					60	CO5	To study the dispute settlement mechanism under International Trade Law.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M
6	SEM I	010441106 - PP	T1376	Comparative Banking and Insurance Law	60	CO1	To acquaint the students with the conceptual and operational parameters of insurance law in the context of the development of the general principles of law and judicial interpretation.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Weak-L	Strong-H

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6					60	CO2	To inform the students about the use of law for the establishment of " rational" order in insurance and Banking.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Weak-L	Strong-H
6					60	CO3	To develop the appreciative and evaluative faculties of the students.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Weak-L	Moderate-M
6					60	CO4	To introduce various insurance laws applicable in India.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Weak-L	Strong-H
6					60	CO5	To understand the principles,practice and science of insurance, which are to be used by the insured and the insurer,	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Weak-L	Strong-H
7	SEM I	010441107 - PP	T1375	Comparative Corporate Law	60	CO1	The students will have knowledge about new emerging concepts in the in the area of corporate law	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Weak-L	Strong-H
7					60	CO2	The students will develop analytical skills by linking law and policy	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Weak-L	Strong-H
7					60	CO3	The students will be capable of comparing and critically analysing legal issues	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Weak-L	Strong-H
8	SEM I	010441108 - PP	T1381	Comparative Criminal Justice and Human Rights	60	CO1	To study and analyze the human rights protection in criminal justice system and role of agents of criminal justice system in protecting human rights.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
8					60	CO2	To focus on applicability of international instruments in domestic system.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Weak-L	Strong-H
8					60	CO3	Facilitate the students to understand and appreciate the evolution and development of concepts /rules/principles of human rights and criminal justice system frequently influenced by divergent factors, such as, political, economic, social, and commercial or other such relevant factors.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Weak-L	Strong-H
8					60	CO4	This course shall fulfill the objectives mostly on the basis of case analysis which will build the analytical skills of students.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	-	Weak-L	Moderate-M
9	SEM I	010441109 - PP	T1380	Comparative Criminology and Criminal Justice Administration	60	CO1	Students will be able to acquire knowledge of the four major areas of the criminal justice system: policing, courts, corrections, Judiciary.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Weak-L	Moderate-M

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9					60	CO2	Students will be able to get an insight into the various types of crime and criminals and the numerous theories of crime causation (thus differentiating between criminal justice and criminology) and the fluctuating rates of crime.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Weak-L	Strong-H
9					60	CO3	Students will be able to identify various social movements over the years and their significant influence on the criminal justice system.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Weak-L	Moderate-M
9					60	CO4	Students will be able to develop sharp research and analytical skills so as to identify the problem and give suitable suggestions.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Weak-L	Strong-H
10	SEM II	010441201 - PP	T1705	Dissertation	60	CO1	At the end of the course the students get exposure to plan and engage in designing an independent research project and evaluation of the chosen research topic.	-	-	-	Strong-H	Strong-H	Strong-H	-	-	Strong-H
10					60	CO2	Students will be able to develop a research design of their study with a discussion of the methodology to be used.	-	-	-	Strong-H	Strong-H	Strong-H	-	-	Strong-H

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10					60	CO3	Students will be able to write a comprehensive review of the literature, including a review of other research works related to their study.	-	-	-	Strong-H	Strong-H	Strong-H	-	-	Strong-H
10					60	CO4	Students will be able to articulate a discussion in a coherent and convincing manner by summarizing the key arguments and providing appropriate findings	-	-	-	Strong-H	Strong-H	Strong-H	-	-	Strong-H
10					60	CO5	Students will be able to draw valid conclusions by co-relating them to the research topic.	-	-	-	Strong-H	Strong-H	Strong-H	-	-	Strong-H
11	SEM II	010441202 - PP	T1094	Taxation Laws	60	CO1	Exhibit sophisticated knowledge related to tax accounting rules and regulations.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M
11					60	CO2	Identify, define, and resolve tax issues through their understanding, knowledge and application.	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M
11					60	CO3	Teach securities or investment law to graduate and post-graduate level incorporating a comparative and a practical aspect.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
11					60	CO4	To provide consultations on matters related to securities and investment laws.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
12	SEM II	010441204 - PP	T1093	Corporate Governance & Human Rights	60	CO1	To look at the convergence of business, Corporate Governance & protection of Human Rights.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
12					60	CO2	To critically evaluate the corporate governance structures and patterns.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
12					60	CO3	To study the role of corporations in protecting and upholding the human rights.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
12					60	CO4	To evaluate the need to mold corporate goals and obligations with societal expectations and the corporate responsibility towards society.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M
13	SEM II	010441205 - PP	T1384	Comparative Investment Law	60	CO1	Write policy papers critiquing existing law based on practical developments and suggest amendments.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
13					60	CO2	· Create research papers by analyzing an existing legislation from a comparative aspect and assessing whether a law of another jurisdiction can be adopted in India and how.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M

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13					60	CO3	Teach securities or investment law to graduate and post-graduate level incorporating a comparative and a practical aspect.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
13					60	CO4	To provide consultations on matters related to securities and investment laws.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
14	SEM II	010441206 - PP	T1397	Carriage of Goods by Air, Land, Sea and Multimodal Transport	60	CO1	Evaluate the importance of transport mechanism in global business and economy	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-
14					60	CO2	Analyze and interpret legislations or cases involving multimodal transport.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-	-
14					60	CO3	Conduct legal researches to solve legal issues pertaining to transport laws	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Weak-L	Moderate-M
15	SEM II	010441207 - PP	T1170	Sentences & Sentencing	60	CO1	Students will be able to explain the law relating to sentences and sentencing.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
15					60	CO2	Students will be able to display understanding of the operation of different kinds of punishments and sentencing outcome.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L

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15					60	CO3	Students will be able to Demonstrate analytically, critically, rationally the legal framework for sentencing and factors affecting the punishments.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15					60	CO4	Students will be able to appraise understanding in relation to primary governing principles and sources of law relating to Punishment.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M
16	SEM II	010441208 - PP	T1011	Police Law and Administration	60	CO1	To understand the origin, classification and functions of Police and commissionerate system.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	-
16					60	CO2	To understand the role of police in handling criminal case and implementation of law and order in the society.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Weak-L	-
16					60	CO3	To understand the role of police and various international organizations in maintaining law and order, peace keeping in society.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	-

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16					60	CO4	Students will be exposed to live problems and measures to combat the legal issues in the justice administration and justice delivery system.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L
17	SEM II	010441209 - PP	T1268	Comparative Criminal Law	60	CO1	Analyze lacunas within the criminal justice system and suggest the amendments have to make to provide the justice according to the changing needs of the society.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Weak-L	Strong-H
17					60	CO2	Summarize the process of judicial review and identify criteria used by courts to evaluate the constitutionality of criminal law of India.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Weak-L	Strong-H
17					60	CO3	Identify and synthesize social theory about crime, justice, and social deviance and explain and address various obstacles and barriers experienced by individuals before, during, and after internment	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Weak-L	Strong-H

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18	SEM II	010441211 - PP	T1242	White Collar Crimes	60	CO1	Students will be able to evaluate the criminal history of white collar crimes and also will be able to analyse basic characteristics and classifications of white collar crime, its causes, and what its consequences are for individuals and society at large and explain difference between White Collar and Blue Collar and how it differs from state crime or state organized crimes.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
18					60	CO2	Students will be able to explain various theories of White Collar Crimes and occurrence of these crimes	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
18					60	CO3	Students will be aware of the problems and unethical practices practised in public sector	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
18					60	CO4	Students will be able to elucidate money laundering, corporate crimes, cyber crimes and White Collar Crimes	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M

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18					60	CO5	Students will be able to appraise the origin of White Collar Crime and relate contemporary law making and White Collar Crimes	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M
18					60	CO6	Students will be able to synthesize measures combating White Collar Crimes also will able to understand policing and regulations relating to these crimes	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
19	SEM II	010441213 - PP	T1383	Comparative Human Rights of Women & Children	60	CO1	The development of national and international rights of women and children; and the contemporary human rights practice with regards to the same in fields of education, health and situations of armed conflict.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
19					60	CO2	Feminist consciousness and contemporary practices.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
19					60	CO3	The issues plaguing plight of women and children; and advocate the possible solutions to resolve the same.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L

Its a system generated report, signature not required

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4	SEM I	010223104 - PP	T6758	History I History of Law and Legal Institutions in Ancient and Medieval India	60	CO1	With the basic idea of the study of the History-I students will be able to gauge and distinguish the valid reasons for the distress of the present-day society.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	
4					60	CO2	It will help them to study, analyze and find out the solutions of the present-day society in political, social, economical and most importantly legal spheres.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
4					60	CO3	Encourage the students to take up research activates to frame new laws for better living conditions.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
5	SEM I	010223105 - PP	T6771	Sociology	60	CO1	develop an appreciation for the rich diversity within and between societies and related laws.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
5					60	CO2	Identify and experiment with the issues and challenges in implementation of law and strengthening law and order in Indian Society	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
5					60	CO3	develop a sociological imagination in appraising individual experiences in the context of broader social structures	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
6	SEM I	010223106 - PP	T6274	Foundations of Ethics	60	CO1	develop a thoughtful and useful framework for understanding classical ethics	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-	
6					60	CO2	become acquainted with several theoretical concepts pertaining to Philosophy	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-	
6					60	CO3	understand issues relating to ethical dilemmas in every aspects of life	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-	
6					60	CO4	interpret ethical values and relate to social context of problems	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-	
6					60	CO5	understand the inter-relationship between law and ethics	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-	

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7	SEM I	010223107-PP	T1534	Indian Legal System and Legal Methods	60	CO1	Students will be able to build their understanding of other subjects on the basis of knowledge acquired here.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	-	
7					60	CO2	Students will be able to understand jurisprudential base and evolution of certain complex phenomenon.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
7					60	CO3	Students will be able to make use of the research methodologies in publishing articles in known national and international journals.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
8	SEM I	010223108-PP	T1584	Legal Database	60	CO1	Learner will be able to meet his present and anticipated needs.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
8					60	CO2	Learner will be able to enhance his research skills with technical tools like, legal databases, online legal journals etc.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
8					60	CO3	It will help to develop the advanced drafting and presentation skills through the help of technology.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
8					60	CO4	It will help to maintain and retain the legal research and information in soft form, for future references.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
9	SEM II	010223201-PP	T1474	Special Contract	60	CO1	Understand the legal rules and concepts governing the law of agency, bailment, indemnity, guarantee, sales of goods and partnership.	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	-	
9					60	CO2	Analysis and application of the principles of Contract law in commercial relationships of agency, bailment, indemnity, guarantee, sales of goods and partnership.	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	-	
10	SEM II	010223202-PP	T6772	Contemporary Sociological Theories	20	CO1	Ability to analyze the significance and the role of society, culture, and related concepts from global and Indian perspective	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	-	

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15	SEM III	010223301 - PP	T1453	Special Contract	60	CO1	Understand the legal rules and concepts governing the law of agency, bailment, indemnity, guarantee, sales of goods and partnership.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	-
15					60	CO2	Analysis and application of the principles of Contract law in commercial relationships of agency, bailment, indemnity, guarantee, sales of goods and partnership.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	-
16	SEM III	010223302 - PP	T1466	Constitutional Law I	60	CO1	To integrate the values the Constitution enshrines in the students.	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
16					60	CO2	To link the application of fundamental rights in day-to-day life and identify the breach of fundamental rights.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	-
16					60	CO3	To apply the principles of fundamental rights through drafting of Writ Petitions, Public Interest Litigation or Representative Suits	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	-
16					60	CO4	To illustrate the importance of Fundamental Duties and the moral obligation of the citizens to comply with the same.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	-
16					60	CO5	To correlate the concept of Directive Principles of State Policy to Fundamental Rights	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	-
17	SEM III	010223303 - PP	T1560	Family Law I	60	CO1	explain, analyse and evaluate the legal rules, concepts and values governing and regulating intimate or domestic relationships.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	-
17					60	CO2	locate the development of the law, including the institutions and procedures, within a broader historical, demographic and social context.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	-

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17					60	CO3	demonstrate knowledge of the requirements for valid marriage, civil partnership and divorce/dissolution of relationships and the underlying policy of the law in regulating personal relationships	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	-
17					60	CO4	explain and analyse critically the principles and operation of the law as regulator and study it in the context of constitutional rights, ethics and human rights.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	-
17					60	CO5	apply their knowledge to analyse complex legal questions and problems.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	-
18	SEM III	010223304 - PP	T6756	Effective Communication Skills	60	CO1	To understand the dynamics of communication process.	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	-
18					60	CO2	To understand the knowhow of how to deliver the content	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
18					60	CO3	To be able to write and use orally the various modes and forms of communication	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	-
18					60	CO4	To identify the right medium to communicate, create the right content and deliver it effectively to its recipient(s)	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	-
18					60	CO5	To be able to interact with others in a congenial manner in a discussion	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-
18					60	CO6	To be able to make effective presentation and oral communication.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-
18					60	CO7	To be able to present oneself in front of others in a professional manner.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-
19	SEM III	010223305 - PP	T6763	Political Science II	60	CO1	Identify the key concepts in international relations and how different theories provide explanations to shaping up of the global scenario in varied manners	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
19					60	CO2	identify how various political actors have played a diverse political role, particularly in conflict and conflict resolution settings	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-

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19					60	CO3	Make use of the knowledge of theories, ideas, values, norms and practices of international relations.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
19					60	CO4	Identify the major transformative events and developments in the history of recent/contemporary global politics and construct models of peace-building, cooperation, conflict resolution	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
20	SEM III	010223306 - PP	T1539	Concept of Wealth and Prosperity	60	CO1	To identify various aspects of wealth.	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	-
20					60	CO2	To understand multiple dimensions of prosperity.	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	-
20					60	CO3	To analyse the relationship between Wealth & Prsoperity.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	-
21	SEM III	010223307 - PP	T4005	Legal Reasoning Skills	60	CO1	To identify and grasp the fundamentals of logic and reasoning	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
21					60	CO2	To distinguish between the various types of reasoning and logic	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-
21					60	CO3	To apply logic and reasoning to every day practical scenarios including legal issues	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
21					60	CO4	To gain an understanding of the relationship of laws with the relevant economic, social, commercial and political context	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	-
21					60	CO5	To read, analyse and critique laws and judgments	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
21					60	CO6	To evaluate the logic behind various legislations and judgments and assess their reasonability	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	-
22	SEM III	010223308 - PP	T6401	Summer Internship	60	CO1	Be in position to understand the nature of the case, issues involved in the case using interview technique.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-

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22					60	CO2	Be able to understand and apply formats of memorial and other documents in the court practice.	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	
23	SEM III	010223309 - PP	T6184	Integrated Disaster Management	60	CO1	To enable students to understand various types of disasters, its preparedness and management.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	
23					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
23					60	CO3	To train students to perform First aid and CPR in an emergency..	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
24	SEM III	010223311 - PP	T6188	Basic German I	60	CO1	Learner will be able to construct simple sentences in German.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
24					60	CO2	Learner will be able to introduce him/herself to others in German.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
24					60	CO3	Learner will be able to read and understand medium and difficulty level texts and solve questions on the basis of same.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
24					60	CO4	Will help to develop intercultural and communicative skills.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
25	SEM III	010223312 - PP	T6397	Basic French I	60	CO1	Learner will be able to construct simple sentences in German.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
25					60	CO2	Learner will be able to introduce him/herself to others in German.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
25					60	CO3	Learner will be able to read and understand medium and difficulty level texts and solve questions on the basis of same.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
25					60	CO4	Will help to develop intercultural and communicative skills.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
26	SEM IV	010223401 - PP	T1455	Law of Crimes Paper I: Penal Code	60	CO1	Understand the legal principles governing liability for offences against the person and property offences	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	-	
26					60	CO2	Analyze the principles governing criminal defenses	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	-	

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41					60	CO4	To analyse the way in which changed systems of governance, especially the rapid growth of Regulatory Agencies, can be reflected in and controlled by traditional rules of Public Administration.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	
41					60	CO5	To examine the scope of Alternative Dispute Resolution, including public inquiries and ombudsmen from the global perspective.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
42	SEM V	010223505 - PP	T1276	Public Administration	60	CO1	The students will develop the understanding of principles of Public Administration, which is the standing manifestation of the State functions within the framework of the law of the land.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	-	
42					60	CO2	The students will be able to develop the capability to classify, correlate and give a comprehensive and comparative knowledge about the theoretical and operational perspectives of governmental institutions.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	-	
42					60	CO3	The student will be able to understand the evolution of public administration and explains the relations between the citizen and the administrative state.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	-	
42					60	CO4	The course seeks to sensitize the students about public service within an environment of democratic, legal, ethical, political, and economic considerations	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	-	
43	SEM V	010223506 - PP	T1465	Interpretation of Statues	60	CO1	Analyze the components of judicial process	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	-	
43					60	CO2	Analyze the factors affecting judicial process and decision making	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	-	
43					60	CO3	Examine the outcomes of Judicial Decisions and relate it with the Judicial Process and Judicial Behavior.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	-	

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
43					60	CO4	Understand the epistemological foundations of legal interpretation and the various jurisprudential accounts that seek to justify legal interpretation in its varied forms.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
43					60	CO5	Apply the various methods of interpretations and rules of interpretations	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	-
44	SEM V	010224501 - PP	T1451	Law of Crimes Paper II: Criminal Procedure Code I	60	CO1	Students will able to apply principles of evidence to the hypothetical and factual circumstances.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
44					60	CO2	Students will able to appreciate evidence and also able to conduct examination of witnesses in the law court once they join litigation.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
44					60	CO3	Students will able to gather evidences (Oral / Documentary form).	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
44					60	CO4	Students will able to find out lacunae in the existing system	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
45	SEM VI	010223601 - PP	T1479	Law of Crimes Paper III: Criminal Procedure Code II	60	CO1	Understand the basic concepts, provisions, case laws, principles, procedures, forms followed and applied in Cr.P.C., Juvenile Delinquency and Probation in India	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	-
45					60	CO2	Apply the basic concept, provisions, principles, procedures, forms and cases laws followed and applied in Cr.P.C., Juvenile Delinquency and Probation in India.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	-
45					60	CO3	Understand the Court System, Process, Procedures and Forms followed in the criminal courts in India	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
46	SEM VI	010223602 - PP	T1511	Environmental Law	60	CO1	Provide an understanding and critical awareness of the foundational principles of the legal system relating to the protection of the environment in context	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
47					60	CO5	To be able to assess whether strategies and the organization is in compliance with established regulatory framework.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
48	SEM VI	010223604 - PP	T6766	Principles of Taxation Law	60	CO1	To develop a broader and comprehensive approach to have a deep understanding of taxation laws in India.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	-
48					60	CO2	To provide working knowledge on practical application of Direct Tax Laws.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	-
48					60	CO3	To develop skills in taxation law profession to enhance employability and entrepreneurial skills.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	-
48					60	CO4	To provide conceptual knowledge of GST with practical application of GST Laws.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-
48					60	CO5	analyse the concepts and issues of international taxation and transfer pricing	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
49	SEM VI	010223605 - PP	LA0002	Philosophy of Law and Ethics	60	CO1	Understand the basics of the theories of Law and the skills of interpretation based on theories of law.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	-
49					60	CO2	Apply the theories of law and concepts identify various methods of Legal Reasoning and accurately deduce facts and apply legal principles	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	-
49					60	CO3	Appreciate and apply critical and analytical thinking and expand their lawyering and research skills with the help of problem solving method.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	-
50	SEM VI	010223606 - PP	T1498	Culture and Communication	60	CO1	To understand the foundational concepts of culture, and the dynamics that influence human interaction and communication across cultures.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-
50					60	CO2	To appreciate the wide range of diverse human behaviours, thereby increasing their cognitive complexity and cultural literacy.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-

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72					60	CO3	To analyse contribution of various International Agencies in economic world	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
72					60	CO4	To understand and analyse various issues of trade and their implications	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
72					60	CO5	To interpret the role of WTO as a trade regulator	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
73	SEM VIII	010223812 - PP	T1004	Media Law	60	CO1	Understand laws relating to celebrity management and social media.	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	-
73					60	CO2	Apply the skills learnt during the course in internships and in case they decide to pursue litigation or join the media and entertainment industry as in- house counsels.	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	-
73					60	CO3	Discuss the ethical, moral and human rights dimensions pertaining to media and entertainment industry	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	-
74	SEM VIII	010223814 - PP	T1278	Energy Laws	60	CO1	Students will be able to understand specific sectoral legal issues and the nature of energy business via visiting the legislations under the Electricity Act.	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
74					60	CO2	Students will be able to appreciate the critical legal issues relating to energy, environment and society. Students will be able to map various laws and policies relating to energy sector which can help in achieving a sustainable economy.	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
74					60	CO3	The students will be able to understand the processes, statutory, administrative and judicial in the interpretation of the laws and regulations governing the sector via the study of role, powers and functions of the regulatory bodies that govern the Energy Sector.	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	
79	SEM IX	010223905 - PP	T1505	Trade and Services in Emigration	60	CO1	The students is expected to clarifythe various examples, theories as well as problems associated with migration at the international level.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	-	
79					60	CO2	The students are expected to demonstrate how the state control over its migrants, theories of citizenship, international economic theories of migration andvarious laws and Actspertaining to migration under the International Law.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
79					60	CO3	The students should understand and be able to explain the meaning of emigration, relation to international trade, international treaties and conventions related to migration with special emphasis to India, and its key issues.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	-	
79					60	CO4	The student be able to analyze the relationship between International Trade and migration, trade agreements and immigration, movement of people under International law and trade agreements.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	-	
79					60	CO5	The students will be able to compare several international organization like ILO, IOM and their conventions involved in the process of migration.	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	-	
79					60	CO6	The student should be able to tell the role of the international organization, in terms of principles, objective and structure and conventions.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	-	
80	SEM IX	010223906 - PP	T1523	Comparative Criminal Procedure	60	CO1	Understand the rules and Procedures of the different phases of the Criminal Procedure in India, China, France, US and Russia.	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	-	

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80					60	CO2	Interpret the procedures of various countries to find out the advantages and disadvantages of the procedures in the criminal justice systems	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	-
80					60	CO3	Understand the value and impact of Constitutional Law and Human Rights Law on criminal procedure in general.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	-
81	SEM IX	010223907 - PP	T1532	Comparative Constitution	60	CO1	understand correctional practices, reforms, and their consequences as well as various theories of social control	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
81					60	CO2	To do the comparatvie study of various constitutions of the world.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-
81					60	CO3	To interperet the various provisions of the constitution.	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-
82	SEM X	0102231001 - PP	T1549	Professional Ethics and Professional Accounting System (Clinical Course III)	60	CO1	To inculcate the values of professional ethics amonf the budding lawyers	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-
82					60	CO2	To appraise importance of Advocates Act, 1961	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-
82					60	CO3	To analyse the importance of acountancy for the lawyers	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-
82					60	CO4	To inculcate the legal and moral ethics while performing their duties.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-
82					60	CO5	To analysze issue of contempt of court	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
83	SEM X	0102231002 - PP	T1554	Moot Court Exercise and Internship (Clinical Course IV)	60	CO1	Understand not only the application of law in practice, but also the citation of relevant rulings and the art of convincing the judges.	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
83					60	CO2	Be able to prepare the case for achieving success as a lawyer and further the student will able to present the case and come out with a clear statement of points in controversy	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-

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83					60	CO3	Be able to understand working of the Civil Case and Criminal Case proceedings.	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
83					60	CO4	Be able to deal with the client and collect the relevant information.	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
83					60	CO5	Be in position to understand the nature of the case, issues involved in the case using interview technique.	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
83					60	CO6	Be able to understand and apply formats of memorial and other documents in the court practice.	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
84	SEM X	0102231003 - PP	T1803	Project and Presentation	60	CO1	Apply appropriate legal and ethical standards.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
84					60	CO2	Adapt project management practices to meet the needs of stakeholders from multiple sectors of the economy (i.e. consulting, government, arts, media, and charity organizations).	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	-
84					60	CO3	To comprehend the practicalities of the justice system and the pivotal role the courts play in dispensation of justice.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-
85	SEM X	0102231004 - PP	T1537	Financial and Systemic Fraud	60	CO1	To appreciate role of unlawful conversion of the ownership of someones els property.	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
85					60	CO2	To appraise importance of financial and systemic frauds.	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
85					60	CO3	To analyse and appreciate the challenges of prosecution and defense of the criminals involved in the matters of crimes.	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	-
85					60	CO4	To identify the cyber crimes.	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	-
85					60	CO5	To identify the criminological theories that applu to these kinds of crimes.	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	-
86	SEM X	0102231005 - PP	T1208	UNCITRAL Model Codes	60	CO1	To identify the nexus between trade and economic growth.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	-

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86					60	CO2	To acquire knowledge to examine the existing uniform and harmonious laws at international level.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	-
86					60	CO3	To compare different harmonization techniques.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	-
86					60	CO4	To design techniques for mending gaps of international trade laws.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	-

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Law School, NOIDA Programme Name : Bachelor of Business Administration and Bachelor of Laws

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Students will be able to equip themselves with skills and knowledge to lead and advise corporate and other legally organized human endeavour keeping in mind cultural sensibilities, diversity, gender sensitivity, environmental sustainability, comparative, transnational and global competencies by studying law in the particular context of business administration and management
2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	Acquire legal knowledge from various disciplines and professions to equip them to perform various roles of a professional lawyer beyond the traditional role of litigation linking their domain knowledge to legal profession.
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	Get an edge over other peers to lead and shape social, public and corporate enterprises such as the State, Community organizations and Social Enterprises, become justice sentinels and justice crusaders
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	Gain hands on experience in legal knowledge , skills, ethics and values to be able to work in a fast changing India set in a de-globalizing world because of the course curriculum which will facilitate learning law in a profound way in response to contemporary developments.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Find, identify and interpret the law in a given situation.
6	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO6	Resolve the legal problems with the correct application of law.
7	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO7	Procure the IT skills to use the electronic resources to find the legal information.
8	GA1	Scholarship: research, inquiry and lifelong learning	PO8	Improve cognitive skills, problem solving skills, analytical and independent critical thinking with enhanced research capabilities by using different pedagogical methods using collaborative online international learning.

9	GA2	Global citizenship: ethical, social and professional understanding	PO9	Cultivate the ability to appreciate the role of lawyers in justice education in a globalizing world sensitive to the needs of sustainability, poverty and vulnerability.
10	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO10	Acquaint with the institutions of the legal systems including national, international and multiple aspects of dispute resolution, groomed in intellectual integrity, critical thinking, and be practice ready lawyers.
11	GA2	Global citizenship: ethical, social and professional understanding	PO11	Contrast and distinguish between laws of different countries and learn from best practices across the globe.

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1	SEM I	010224101 - PP	T1470	Law of Contracts	60	CO1	Understand the development of the rules and principles of law of contracts.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
1					60	CO2	Identify the application of Contractual principles to actual issues and problems.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
1					60	CO3	Identify and explain appropriate remedies for breach of contractual obligations.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
1					60	CO4	To analyse the impact of social and commercial issues on the evolution and application of general principles of contract law.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
1					60	CO5	Draft contractual clauses efficiently.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
1					60	CO6	To explain and assess recent developments and current controversies in contract law.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
2	SEM I	010224102 - PP	T2241	Business Studies	60	CO1	Learner will be able to understand the role of business in the economy and its application.	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	-
2					60	CO2	Learner will be able to prepare himself / herself for Activities related to trade and commerce.	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	-
2					60	CO3	Learner will be able to acquire knowledge, understanding and skills in business and management.	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	-
2					60	CO4	Learner will be able to understand the functioning of trade and auxiliaries and various kinds of services.	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	-
2					60	CO5	Learner will be able to apply the knowledge gained practically in the functioning of business	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	-

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3	SEM I	010224103 - PP	T2970	Business Accounting	60	CO1	Learner will be able to understand the basic concepts of accounting	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	-
3					60	CO2	Learner will be able to ensure that the students are able to prepare, understand and analyse the financial statements like Profit and loss account, Balance Sheet	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	-
3					60	CO3	Learner will be able to apply & analyse the concepts in real-life situations	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	-
4	SEM I	010224104 - PP	T1462	Law of Torts including MV Accident and Consumer Protection Laws I	60	CO1	Explain the law of private rights and remedies which are not covered by the statute.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
4					60	CO2	Display understanding of the operation of this branch of common law and its potential of expansion which governs actions for damages for injuries to certain kinds of rights, like the right to personal security, property and reputation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
4					60	CO3	Demonstrate application of the principles of Law of Torts in contemporary areas like Human Rights, Environmental Rights, and Intellectual Property Rights.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
4					60	CO4	Appraise the differing requirements which lead to civil liability for different torts against person and property.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	-
5	SEM I	010224105 - PP	T6755	English (Communication Skills)	60	CO1	To identify different aspects of the foundation of Law and Literature.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
5					60	CO2	To acquire knowledge to analyze the intersectional and interdisciplinary approach between Law and Literature.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
5					60	CO3	To compare different features of justice and ethics	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
6	SEM I	010224106 - PP	T6274	Foundations of Ethics	60	CO1	Ability to compare and contrast between different ethical standpoints.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	-

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6					60	CO2	Ability to relate moral philosophies with day to day happenings and resolve ethical dilemmas if any	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	-
6					60	CO3	Ability to understand the relationship between law and ethics	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
6					60	CO4	Ability to demonstrate an understanding of legal facts and ideas in the light of Ethical Theories and Moral Philosophy	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	-
7	SEM I	010224107 - PP	T1534	Indian Legal System and Legal Methods	60	CO1	Students will be able to build their understanding of other subjects on the basis of knowledge acquired here.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-
7					60	CO2	Students will be able to understand the jurisprudential base and evolution of the certain complex phenomenon.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-
7					60	CO3	Students will be able to make use of the research methodologies in publishing articles in known national and international journals.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-
8	SEM I	010224108 - PP	T1584	Legal Database	60	CO1	Learner will be able to meet his present and anticipated needs.	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	-
8					60	CO2	Learner will be able to enhance his research skills with technical tools like legal databases, online legal journals etc.	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	-
8					60	CO3	It will help to develop advanced drafting and presentation skills through the help of technology.	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	-
8					60	CO4	It will help to maintain and retain the legal research and information in soft form, for future references.	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	-
9	SEM II	010224201 - PP	T1474	Special Contract	60	CO1	To define the fundamental principles underlying these special forms of contract	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	-
9					60	CO2	To identify wide range of legal concepts, customs, principles, and rules surrounding the law of contract	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-

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9					60	CO3	To demonstrate the rationale behind such legal concepts and draw an inference between general principles and special contracts.	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
9					60	CO4	To examine statute, case law and academic writing on special contracts	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
9					60	CO5	To defend any circumstances under which performance of such contracts is required or excused	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	-
10	SEM II	010224202 - PP	T2459	Corporate Accounting	60	CO1	Learner will be able to understand that the corporate accounting complies with India's corporate legislation, primarily the Companies Act 2013	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	-
10					60	CO2	Learner will be able to focus on the preparation of Final accounts of companies, ESOP's, Amalgamation, Capital Reduction and Internal Reconstruction, Holding Companies, Profits prior to incorporation, Liquidation etc	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-
10					60	CO3	Learner will be able to compute accounting for Non - Profit making Organizations	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-
10					60	CO4	Learner will be able to develop an analytical/practical approach to corporate accounting	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-
10					60	CO5	Learner will be able to apply & analyse the concepts in real-life situations	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-
11	SEM II	010224203 - PP	T2116	Marketing Management	60	CO1	Apply the fundamental concepts of marketing to the industry.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	-
11					60	CO2	Examine the marketing perspectives essential for all managers today.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	-
11					60	CO3	Explain the concept of value in the context of marketing.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	-
11					60	CO4	Analyze the marketing strategies of companies.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	-

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11					60	CO5	Experiment with out of the box thinking which will help them to develop innovative marketing strategies.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	-
12	SEM II	010224204 - PP	T1463	Law of Torts including MV Accident and Consumer Protection Laws II	60	CO1	Explain the law of private rights and remedies which are not covered by statute.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	-
12					60	CO2	Display understanding of the operation of this branch of common law and its potential of expansion which governs actions for damages for injuries to certain kinds of rights, like the right to personal security, property and reputation.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	-
12					60	CO3	Demonstrate application of the principles of Law of Torts in contemporary areas like Human Rights, Environmental Rights, and Intellectual Property Rights.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	-
12					60	CO4	Appraise the differing requirements which lead to civil liability for different torts against person and property.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	-
13	SEM II	010224205 - PP	T6752	English	60	CO1	Discuss law within socio-cultural and historical context	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
13					60	CO2	Relate literature with the law and understand literature as a cultural phenomenon and its relationship with law	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
14	SEM II	010224206 - PP	T1147	Legal Reasoning and Logic	60	CO1	To identify and grasp the fundamentals of logic and reasoning	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-
14					60	CO2	To distinguish between the various types of reasoning and logic	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	-
14					60	CO3	To apply logic and reasoning to every day practical scenarios including legal issues	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	-
14					60	CO4	To gain an understanding of the relationship of laws with the relevant economic, social, commercial and political context	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	-

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15	SEM III	010224301 - PP	T1453	Special Contract	60	CO1	To define the fundamental principles underlying these special forms of contract	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
15					60	CO2	To identify wide range of legal concepts, customs, principles, and rules surrounding the law of contract	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
15					60	CO3	To demonstrate the rationale behind such legal concepts and draw an inference between general principles and special contracts.	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
15					60	CO4	To examine statute, case law and academic writing on special contracts	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
15					60	CO5	To defend any circumstances under which performance of such contracts is required or excused	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	-
16	SEM III	010224302 - PP	T1466	Constitutional Law I	60	CO1	To correlate the different provisions of the Constitution and comprehend how the Government functions	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	-
16					60	CO2	To explain the functioning of each organ of the Government independently and linking one to the other	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	-
16					60	CO3	To question the shortcomings/defects/lack of procedure in relation to Contemporary government policies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	-
16					60	CO4	To illustrate the role of the judiciary as a moderator and adjudicator for the disputes between the government and the citizens and the inter-governmental disputes.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	-
17	SEM III	010224303 - PP	T2975	Family Law I	60	CO1	Explain, analyse and evaluate the legal rules, concepts and values governing and regulating intimate or domestic relationships.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-

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17					60	CO2	Locate the development of the law, including the institutions and procedures, within a broader historical, demographic and social context.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
17					60	CO3	Demonstrate knowledge of the requirements for a valid marriage, civil partnership and divorce/dissolution of relationships and the underlying policy of the law in regulating personal relationships	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	-
17					60	CO4	Explain and analyse critically the principles and operation of the law as the regulator and study it in the context of constitutional rights, ethics and human rights.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	-	-	-
17					60	CO5	Apply their knowledge to analyse complex legal questions and problems.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	-
18	SEM III	010224304 - PP	T1560	Business & Managerial Communication	60	CO1	To organize and express ideas effectively	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
18					60	CO2	To explain the inter-cultural communication, strategies and challenges	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
18					60	CO3	To demonstrate skills in legal argumentation	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
18					60	CO4	To identify different styles of communication and how to improve understanding and build rapport with others	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
18					60	CO5	To demonstrate excellence as professionals	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
18					60	CO6	To build healthy relationships through powerful communication	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
18					60	CO7	To improve Emotional Intelligence to deal with difficult situations	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
18					60	CO8	To develop strategies for balancing work and life through communication.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
19	SEM III	010224305 - PP	T6757	Business Statistics	60	CO1	Learner will be able to present data in graphical and tabular form	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L

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19					60	CO2	Learner will be able to summarize data sets using different statistical measures	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
19					60	CO3	Learner will be able to analyze data using statistical concepts and tools	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
19					60	CO4	Learner will be able to use Microsoft Excel for statistical applications	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
20	SEM III	010224306 - PP	T1539	Concept of Wealth and Prosperity	60	CO1	To identify various aspects of wealth.	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	-
20					60	CO2	To understand multiple dimensions of prosperity.	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	-
20					60	CO3	To analyse the relationship between Wealth & Prsoperity.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	-
20					60	CO4	.	-	-	-	-	-	-	-	-	-	-	-
21	SEM III	010224307 - PP	T4005	Legal Reasoning Skills	60	CO1	Enable the profession with the legal and moral ethics	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
21					60	CO2	Inculcate the ethics in the budding lawyers to face the challenges of their practical law careers coupled with recording of BCI's disciplinary actions with Practical journal	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
21					60	CO3	Enable the student to understand not only the application of law in practice, but also the citation of relevant rulings and the art of convincing the judges	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
21					60	CO4	Understand the functional aspects of the components of the Indian legal justice system	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
22	SEM III	010224308 - PP	T6401	Summer Internship	60	CO1	Be in position to understand the nature of the case, issues involved in the case using interview technique.	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
22					60	CO2	Be able to understand and apply formats of memorial and other documents in the court practice.	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
23	SEM III	010224309 - PP	T6184	Integrated Disaster Management	60	CO1	To enable students to understand various types of disasters, its preparedness and management.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L

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26					60	CO4	Will help to develop intercultural and communicative skills.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
27	SEM III	010224313 - PP	T6399	Basic Spanish I	60	CO1	Learner will be able to construct simple sentences in German.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
27					60	CO2	Learner will be able to introduce him/herself to others in German.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
27					60	CO3	Learner will be able to read and understand medium and difficulty level texts and solve questions on the basis of same.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
27					60	CO4	Will help to develop intercultural and communicative skills.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
28	SEM III	010224314 - PP	T6397	Basic Hindi I	60	CO1	Learners will have the knowledge of basic Hindi Grammar.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
28					60	CO2	They will understand simple Hindi sentences.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
28					60	CO3	They will be able to translate simple Hindi passages.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
28					60	CO4	They will be able to speak in Hindi	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
28					60	CO5	They will be able to understand Hindi literature.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
29	SEM III	010224315 - PP	T6399	Basic Marathi I	60	CO1	Learners will have the knowledge of basic Marthi Grammar.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
29					60	CO2	They will understand simple Marthi sentences.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
29					60	CO3	They will be able to translate simple Marthi passages.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
29					60	CO4	They will be able to speak in Marthi.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
29					60	CO5	They will be able to understand Marthi literature.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
30	SEM IV	010224401 - PP	T1455	Law of Crimes Paper I: Penal Code	60	CO1	Understand the legal principles governing liability for offences against the person and property offences	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M
30					60	CO2	Analyze the principles governing criminal defenses	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M

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30					60	CO3	Interpret a set of facts in order to identify legal issues arising, providing reasoned arguments and conclusions as to the criminal offences which may have been committed and defenses which may be available	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M
30					60	CO4	Identify strengths and weaknesses of areas of law in terms of underlying considerations of morality, principle and policy	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M
30					60	CO5	Conduct legal research tasks using legal databases and the internet to locate primary and secondary sources relevant to criminal law.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M
31	SEM IV	010224402 - PP	T1468	Constitutional Law II	60	CO1	To identify different aspects of Constitutional Law and analyse different components of it.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
31					60	CO2	To acquire knowledge to examine the the historical evolution of constitutional doctrines, standards, and tests.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
31					60	CO3	To identify the fundamental policy choices incorporated in the Constitution of different countries	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
31					60	CO4	To analyse the recent changes in the field of Constitutional Law to develop a critical approach	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
32	SEM IV	010224403 - PP	T2279	Family Law II	60	CO1	To develop an ability to arguments in constitutional controversies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
32					60	CO2	evaluate the strength of family laws in India	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
32					60	CO3	analyse the Uniform Civil Code and its applicability for the purposes of regulating the personal acts of family life that may emerge from time to time.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
32					60	CO4	evaluate the changes in family laws in context of socio-economic developments.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H

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32					60	CO5	apply law to problems in family disputes.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
33	SEM IV	010224404 - PP	T2978	Human Resources and Total Quality Management	60	CO1	Learner will be able to describe, understand and apply the fundamentals of HRM.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
33					60	CO2	Learner will be able to describe & understand basics of TQM and role of HRM in TQM.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
33					60	CO3	Critically analyse the strategic issues in quality management, including current issues and developments, and to devise and evaluate quality implementation plans	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-
34	SEM IV	010224405 - PP	T1561	Organizational Behaviour	60	CO1	To provide knowledge and understanding about the systems and processes of an organization.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
34					60	CO2	To understand the human mind and their behaviour.	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
34					60	CO3	To impart a comprehensive understanding of the concepts of Organizational Behaviour	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
34					60	CO4	To develop a better understanding into the dynamics of individual and group behaviour in an organization.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
35	SEM IV	010224406 - PP	T1901	Legal Reasoning and Logic	60	CO1	To identify and grasp the fundamentals of logic and reasoning	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
35					60	CO2	To distinguish between the various types of reasoning and logic	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
35					60	CO3	To apply logic and reasoning to every day practical scenarios including legal issues	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
35					60	CO4	To gain an understanding of the relationship of laws with the relevant economic, social, commercial and political context	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
36	SEM IV	010224407 - PP	T6402	Case Studies: Interlinking and Hyper linking	60	CO1	To understand the case laws	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
36					60	CO2	To know the importance of hyperlinking	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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48					60	CO2	apply the basic concept, provisions, principles, procedures, forms and cases laws followed and applied in Cr.P.C., Juvenile Delinquency and Probation in India.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
48					60	CO3	understand the Court System, Process, Procedures and Forms followed in the criminal courts in India	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
49	SEM V	010224506 - PP	T1465	Interpretation of Statues	60	CO1	To explain, distinguish and apply the principles and process of statutory interpretation	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
49					60	CO2	To compare, contrast and reflect on the theoretical concepts underlying and impacting on approaches to statutory interpretation and its application in professional practice.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
49					60	CO3	To plan, differentiate and prioritise approaches and materials used in statutory interpretation while working collaboratively.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
49					60	CO4	To select and apply a range of legal research principles and methods in interpreting legal instruments.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
50	SEM VI	010224601 - PP	T1479	Law of Crimes Paper III: Criminal Procedure Code II	60	CO1	To familiarize the students with the key concepts regarding crime and criminal law.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
50					60	CO2	To expose the students to the range of mental states that constitutes mens rea essential for committing crime.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
50					60	CO3	To teach specific offences under the Indian Penal Code, 1860	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
50					60	CO4	To equip the students to use various legal reasoning and research techniques, various methods of interpreting a statute and analysis of cases (IRAC method) like identifying the facts, issues and how to analyze both in line with legal theories.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L

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51	SEM VI	010224602 - PP	T1511	Environmental Law	60	CO1	To get basic knowledge of environment, pollution and various principles.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
51					60	CO2	To understand about Constitutional provisions for the protection of environment.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
51					60	CO3	To identify about the legal provisions of the water pollution	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
51					60	CO4	To analyse the Environment (protection) Act, powers of central government and state government to make laws and Environment Tribunals	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
52	SEM VI	010224603 - PP	T2109	Company Law II	60	CO1	To memorize and understanding various aspects of company functions and its management	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
52					60	CO2	To recognize and explain the knowledge of corporate legal framework in the context of Companies Act	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
52					60	CO3	To evaluate the needs of development as per society requirement for Corporate Governance.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
52					60	CO4	To create & develop the role of a Corporate in socio-economic development	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
52					60	CO5	To be able to assess whether strategies and the organization is in compliance with established regulatory framework.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
53	SEM VI	010224604 - PP	T1563	Principles of Taxation Law	60	CO1	understand the theoretical concepts of taxation, direct and indirect tax laws.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	-
53					60	CO2	analyse the constitutional principles and provisions of taxation laws in India.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	-
53					60	CO3	understand the principles, provisions and procedures under the Income Tax law of India.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	-

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53					60	CO4	apply the learning to real life tax computations relating to sources of income and file individual Income Tax Return.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	-
53					60	CO5	analyse the concepts and issues of international taxation and transfer pricing	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	-
54	SEM VI	010224605 - PP	LA0002	E-Business Technology	60	CO1	To demonstrate an understanding of the foundations and importance of E-commerce	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
54					60	CO2	To analyze the impact of E-commerce on business models and strategy	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
54					60	CO3	To describe Internet trading relationships including Business to Consumer, Business-to-Business, Intra-organizational.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
55	SEM VI	010224606 - PP	T1498	Culture and Communication	60	CO1	To understand the foundational concepts of culture, and the dynamics that influence human interaction and communication across cultures.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-
55					60	CO2	To appreciate the wide range of diverse human behaviours, thereby increasing their cognitive complexity and cultural literacy.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-
56	SEM VI	010224607 - PP	T1524	Creative Writing	60	CO1	To understand, analyze, and effectively use the conventions of the English language.	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
56					60	CO2	To examine how texts function across a range of genres, contexts, and cultures.	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
57	SEM VII	010224701 - PP	T1490	Public International Law	60	CO1	To better understand the International Order.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
57					60	CO2	To have thorough knowledge about the working of the International Organizations and Specialized agencies.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
57					60	CO3	To have gained comprehensive command on the theories of International Law.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L

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82					60	CO3	To analyse the importance of other forms of dispute resolutions to take away the strain on Indian Judiciary system	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	
82					60	CO4	To analyse the importance of arbitration in international commercial transactions	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
82					60	CO5	To discuss the importance of ADR in mainting cordial relation between parties even after legal disputes	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
82					60	CO6	To discuss importance of courts in assisting in ADR between parties	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
83	SEM IX	010224904 - PP	T1547	Investment Law	60	CO1	To appreciate role of investment-banks in underwriting, and sale-purchase of securities	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
83					60	CO2	To appraise importance of Central-Banking in India, and its Network with IMF & BIS	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
83					60	CO3	To analyse the importance of Investor-Protection in order to create & continue investor-trust & confidence	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
83					60	CO4	To appreciate role of exchange in providing platform for public & institutional-investment in securities	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
83					60	CO5	To analysze issue of debt-securities, and protective features for investor-protection	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
83					60	CO6	To compare role of insurance in covering-risk vs role of MF in providing invesment management scheme	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
84	SEM IX	010224905 - PP	T1505	Trade and Services in Emigration	60	CO1	The students is expected to clarifythe various examples, theories as well as problems associated with migration at the international level.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	-	

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84					60	CO2	The students are expected to demonstrate how the state control over its migrants, theories of citizenship, international economic theories of migration and various laws and Acts pertaining to migration under the International Law.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
84					60	CO3	The students should understand and be able to explain the meaning of emigration, relation to international trade, international treaties and conventions related to migration with special emphasis to India, and its key issues.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	-
84					60	CO4	The student be able to analyze the relationship between International Trade and migration, trade agreements and immigration, movement of people under International law and trade agreements.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	-
84					60	CO5	The students will be able to compare several international organization like ILO, IOM and their conventions involved in the process of migration.	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	-
84					60	CO6	The student should be able to tell the role of the international organization, in terms of principles, objective and structure and conventions.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	-
85	SEM IX	010224906 - PP	T1523	Comparative Criminal Procedure	60	CO1	Understand the rules and Procedures of the different phases of the Criminal Procedure in India, China, France, US and Russia.	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	-
85					60	CO2	Interpret the procedures of various countries to find out the advantages and disadvantages of the procedures in the criminal justice systems	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	-
85					60	CO3	Understand the value and impact of Constitutional Law and Human Rights Law on criminal procedure in general.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	-

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86	SEM IX	010224907 - PP	T1532	Comparative Constitution	60	CO1	understand correctional practices, reforms, and their consequences as well as various theories of social control	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
86					60	CO2	To do the comparative study of various constitutions of the world.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-
86					60	CO3	To interpret the various provisions of the constitution.	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-
87	SEM X	0102241001 - PP	T1549	Professional Ethics and Professional Accounting System (Clinical Course III)	60	CO1	To inculcate the values of professional ethics among the budding lawyers	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-
87					60	CO2	To appraise importance of Advocates Act, 1961	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-
87					60	CO3	To analyse the importance of accountancy for the lawyers	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-
87					60	CO4	To inculcate the legal and moral ethics while performing their duties.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-
87					60	CO5	To analyze issue of contempt of court	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
88	SEM X	0102241002 - PP	T1554	Moot Court Exercise and Internship (Clinical Course IV)	60	CO1	Understand not only the application of law in practice, but also the citation of relevant rulings and the art of convincing the judges.	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
88					60	CO2	Be able to prepare the case for achieving success as a lawyer and further the student will be able to present the case and come out with a clear statement of points in controversy	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
88					60	CO3	Be able to understand working of the Civil Case and Criminal Case proceedings.	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
88					60	CO4	Be able to deal with the client and collect the relevant information.	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-
88					60	CO5	Be in position to understand the nature of the case, issues involved in the case using interview technique.	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-

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88					60	CO6	Be able to understand and apply formats of memorial and other documents in the court practice.	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-	
89	SEM X	0102241003 - PP	T1803	Project and Presentation	60	CO1	Apply appropriate legal and ethical standards.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
89					60	CO2	Adapt project management practices to meet the needs of stakeholders from multiple sectors of the economy (i.e. consulting, government, arts, media, and charity organizations).	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	-	
89					60	CO3	To comprehend the practicalities of the justice system and the pivotal role the courts play in dispensation of justice.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-
90	SEM X	0102241004 - PP	T1537	Financial and Systemic Fraud	60	CO1	To appreciate role of unlawful conversion of the ownership of someones els property.	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
90					60	CO2	To appraise importance of financial and systemic frauds.	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
90					60	CO3	To analyse and appreciate the challenges of prosecution and defense of the criminals involved in the matters of crimes.	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	-	
90					60	CO4	To identify the cyber crimes.	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	-	
90					60	CO5	To identify the criminological theories that applu to these kinds of crimes.	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	-	
91	SEM X	0102241005 - PP	T1208	UNCITRAL Model Codes	60	CO1	To identify the nexus between trade and economic growth.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	-	
91					60	CO2	To aquire knowledge to examine the existing uniform and harmonious laws at international level.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	-	
91					60	CO3	To compare different harmonization techniques.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	-	
91					60	CO4	To design techniques for mending gaps of international trade laws.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	-	

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
5					60	CO6	They will understand the concept of International Responsibility to Co-operate for the protection and promotion of Human Rights.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
6	SEM I	010241108 - PP	T1238	International Trade Law	60	CO1	Student will understand the world trading system especially in the context of a globalized world.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
6					60	CO2	Learner will be able to examine the International legal regime for International trade with a focus on the WTO.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
6					60	CO3	Learner will be able to study about the free trade theory and the trade policies and regulation of International trade.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
6					60	CO4	Learner will be able to study the bilateral, multilateral and regional agreements, the controversies in International trade, law, the developed and developing country perspectives on International trade.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
6					60	CO5	Learner will be able to study the dispute settlement mechanism under International Trade Law.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
7	SEM I	010241109 - PP	T1376	Comparative Banking and Insurance Law	60	CO1	To identify various kinds of banking institutions and reforms in the banking sector at par with global practices	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
7					60	CO2	To acquaint with the principles of lending and creation of security	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
7					60	CO3	To acquaint with the framework for debt recovery and insolvency in India	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
7					60	CO4	To acquaint with the various kinds of negotiable instruments and the negotiability	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
7					60	CO5	To acquaint with the framework for	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
7					60	CO6	To acquaint with the framework for regulating money laundering in India	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
7					60	CO7	To acquaint with the framework for debt recovery and insolvency for the banking sector	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
8	SEM I	010241110 - PP	T1375	Comparative Corporate Law	60	CO1	To memorize and understanding the knowledge of the various forms of entities of business with main focus upon the Company.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
10	SEM I	010241112 - PP	T1380	Comparative Criminology and Criminal Justice Administration	60	CO1	To memorize and understanding the knowledge of the various forms of entities of business with main focus upon the Company.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
10					60	CO2	explain various types of crime and criminals, and the numerous theories of crime causation (thus differentiating between criminal justice and criminology), and the fluctuating rates of crime and relationship between criminal law and morality	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
10					60	CO3	demonstrate research skills by identification and execution of topics in the area of various social movements over the years, and how they have affected the criminal justice system. Describe past and current controversies in our criminal justice system and be able to argue the multiple sides of these issues, recidivism, role of judiciary in reducing recidivism through correction.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
10					60	CO4	Provide consultation by articulating special concerns like minorities, juveniles, and females in the criminal justice system, in all the various roles, such as offender, victim, witness, police, judge, jury, and corrections personnel and research on these areas.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
11	SEM I	010241113 - PP	T1240	International Criminal Law	60	CO1	Learner will have brief knowledge of origin and purpose of International Criminal Law.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
11					60	CO2	Learner will have the knowledge about the development and examine the current problems involving the definitional and substantive criminal law aspects in various treaties and Conventions at International level.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
11					60	CO3	Learner will have the ability to apply International Criminal Law in the domestic courts and deal with the jurisdictional problems.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
11					60	CO4	Learner will have the knowledge how to cover the permanent International Criminal Court and various criminal tribunals established for dealing with the criminal matters and its procedure of trial.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H

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15					60	CO2	Analyze and interpret legislations or cases involving multimodal transport.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO3	Conduct legal researches to solve legal issues pertaining to transport laws	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
16	SEM II	010241208 - PP	T1384	Comparative Investment Law	60	CO1	Write policy papers critiquing existing law based on practical developments and suggest amendments.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO2	Create research papers by analyzing an existing legislation from a comparative aspect and assessing whether a law of another jurisdiction can be adopted in India and how.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO3	Teach securities or investment law to graduate and post-graduate level incorporating a comparative and a practical aspect.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO4	To provide consultations on matters related to securities and investment laws.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
17	SEM II	010241210 - PP	T1270	Victimology	60	CO1	Learner will be able to study and understand Victimology which is the scientific study of victimization which includes the relationships between victims and offenders and between victims and the criminal justice system.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
17					60	CO2	Learner will be able to analyze by establishing a connection between the victims and the offenders.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
17					60	CO3	Learner will be able to study rates of victimization and how they differ according to social categories (race, ethnicity, age, class, gender etc)	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
17					60	CO4	Learner will be able to study responses to victimization	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
18	SEM II	010241211 - PP	T1242	White Collar Crimes	60	CO1	Learner will be able to study varied and contemporary forms of white collar crime and its explanations, theories, and accounts along with its investigation, adjudication, and regulation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
18					60	CO2	Learner will be able to understand the law and social control of white collar crime; examining specific cases of the investigation of white collar criminals.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H

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18					60	CO3	Learner will be able to understand the challenges of prosecution and defense of such criminals	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
18					60	CO4	Learner will be able to identify the criminological theories which apply to these kinds of crimes and appreciating the need for further theory, research, and policy.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
19	SEM II	010241212 - PP	T1011	Police Law and Administration	60	CO1	Learner will be able to study the functional deliverance of police on the basis of promises made and challenges confronted	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
19					60	CO2	Learner will be able to understand live problems and measures to combat the legal issues in the justice administration and justice delivery system	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
20	SEM II	010241213 - PP	T1268	Comparative Criminal Law	60	CO1	Critically analyze and compare basic Criminal Law issues in different jurisdictions, like India, UK, Germany and France	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
20					60	CO2	Generate solutions to Criminal Law problems, identify and evaluate the political and social implications of the proposed solutions, and compare these solutions to those offered in other legal traditions and cultures	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
20					60	CO3	Critically reflect on media and cultural products dealing with Criminal Law issues in various jurisdiction	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
20					60	CO4	Read academic texts on Comparative Criminal Law deeply, and communicate basic arguments	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
20					60	CO5	Make connections to theories and readings when analyzing comparative Criminal Law issues, and theorize, generalize, and hypothesize on these issues.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
20					60	CO6	Identify grey areas of research in context with comparative criminal law.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO1	Develop knowledge in core areas of business based on current research and best practice.
2	GA2	Global citizenship: ethical, social and professional understanding	PO2	Utilize qualitative and quantitative methods for effective decision making and to overcome critical business challenges.
3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	Develop a world view that understands and appreciates a global cross-cultural business context.
4	GA3	Eco-literate: sensitivity towards a sustainable environment	PO4	Identify new business opportunities and innovate at the workplace.
5	GA2	Global citizenship: ethical, social and professional understanding	PO5	Apply management practices in the context of societal, health, safety, legal, and cultural issues with a concern for the environment.
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	Communicate effectively as a manager under different situations with all stakeholders.
7	GA2	Global citizenship: ethical, social and professional understanding	PO7	Demonstrate Leadership and Team work capabilities in multidisciplinary settings.
8	GA2	Global citizenship: ethical, social and professional understanding	PO8	Engage in independent and life-long learning and take up challenging assignments for selfdevelopment.
9	GA3	Eco-literate: sensitivity towards a sustainable environment	PO9	Integrate ethical considerations while taking business decisions.
10	GA1	Scholarship: research, inquiry and lifelong learning	PO10	Prepare the students for an excellent corporate career ahead with a strong value system and ethical conduct to bring positive change in organization, economy & society.
11	GA2	Global citizenship: ethical, social and professional understanding	PO11	Apply the knowledge of management concepts to solve complex corporate problems within available resources.

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1	SEM I	020141101-PP	T2280	Human Resource Management	60	CO1	Explain the importance of human resources and their effective management in organizations. Describe the meanings of terminology and tools used in managing employees effectively	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	-

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1					60	CO2	Outline the current theory and practice of recruitment and selection. This includes but is not limited to the supply of human resources and the advantages and disadvantages of external and internal recruiting. Demonstrate the ability to prepare a selection strategy for a specific job. This includes researching the different interview processes and the advantages and disadvantages of the different types of interviews and the preparation of employment offers	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-
1					60	CO3	"Develop, analyze and apply advanced training strategies and specifications for the delivery of training programs. List training and development needs for the 21st century Evaluate training programs using appropriate design and data collection procedure"	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	-
1					60	CO4	"State the significance of employee benefits to both employers and employees Evaluate a benefits package that supports the organization's strategy in line with HRM cost-containment policies and practices and Recommend actions based on results of the compensation analysis and design compensation schemes that are cost effective, that increase productivity of the work force, and comply with the legal framework"	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-
2	SEM I	020141102 - PP	T2186	Operations Management	60	CO1	The student will be able to Learn Contents of Ops. Mgm.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO2	The student will be able to relate O.M. Learnings to Real Situations in Operations	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
2					60	CO3	The student will be able to apply the Tools & Techniques of O.M. in real life at Work	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H
2					60	CO4	The student will be able to apply the Methods & Formulae to Manage The Operations at Real Work	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Weak-L	Weak-L	Weak-L

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2					60	CO5	The student will be able to apply the Tools Working & Problem Solving at Real Work Situations	Moderate-M	-	Strong-H	Moderate-M	-	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H	Strong-H
3	SEM I	020141103 - PP	T2116	Marketing Management	60	CO1	Apply the fundamental concepts of marketing to the industry.	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H
3					60	CO2	Examine the marketing perspectives essential for all managers today.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H
3					60	CO3	Explain the concept of value in the context of marketing.	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
3					60	CO4	Analyze the marketing strategies of companies.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
3					60	CO5	Experiment with out of the box thinking which will help them to develop innovative marketing strategies.	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
4	SEM I	020141104 - PP	T6076	Microeconomics	60	CO1	To discuss the definitions, evolution, nature and scope of Economics in general and Microeconomics in particular	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H
4					60	CO2	To help students understand the relevance and significance of Economics in managerial decision making	-	Moderate-M	-	Moderate-M	Strong-H	Strong-H	Weak-L	-	Strong-H	Moderate-M	Strong-H	Strong-H
4					60	CO3	To perform demand estimation and forecasting	Strong-H	Weak-L	-	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
4					60	CO4	To explain optimization behavior of the firm in the presence of different market structures	Strong-H	Strong-H	Moderate-M	-	Weak-L	Weak-L	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Moderate-M
4					60	CO5	Link micro-economic theory with observed firm behaviour through analysis of case studies of firms	Moderate-M	-	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	-	Strong-H	-	Strong-H	Strong-H
5	SEM I	020141105 - PP	T2036	Financial Management	60	CO1	Develop an analytical/practical approach to corporate fin decision making	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M
5					60	CO2	Apply & analyse the concepts in real life situations.	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H
5					60	CO3	Compare and Appraise various theories related to different concepts.	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H
5					60	CO4	Evaluate various theories related to different concepts.	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
6	SEM I	020141106 - PP	T2827	Supply Chain Management	60	CO1	The Student should be able to Create a Supply chain STRATEGY and DESIGN to support Business strategy (B5)	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M

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6					60	CO2	Analyze PLANNING components and Develop integrated working across the Supply Chain. The S&OP process. (B4)	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H
6					60	CO3	Analyze and improve DEMAND MANAGEMENT accuracy & the Supply capability to meet the same in a Lean Supply Chain (B3)	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H
6					60	CO4	Analyse and evaluate INVENTORY norms and options for Inbound and DISTRIBUTION network so as to decouple and effectively manage variation (B4)	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
6					60	CO5	Evaluate and make PURCHASING Decisions and impact on Profitability to improve supply chain competitiveness (B4)	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H
7	SEM I	020141107-PP	T3531	R Programming	60	CO1	Students will be able to write R scripts to do data analysis	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	-
7					60	CO2	Students will be able to do data analysis using R programming	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	-
7					60	CO3	Students will be able to do statistical analysis using R	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	-
7					60	CO4	Students will be able to retrieve data from various sources and draw graphs and charts using R	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	-
7					60	CO5	Students should be able to do data visualization	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	-
8	SEM I	020141108-PP	T2225	Research Methodology	60	CO1	To enable students comprehend research issues	Strong-H	Moderate-M	-	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
8					60	CO2	to enable students to identify research questions and formulations	Strong-H	Weak-L	Weak-L	-	Strong-H	Weak-L	Weak-L	Strong-H	-	Moderate-M	Strong-H	Strong-H
8					60	CO3	To equip students with various techniques of research design and data collection	Weak-L	-	Weak-L	Moderate-M	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H
8					60	CO4	To enable students to synthesize qualitative and quantitative data crunching techniques	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	Strong-H	Strong-H
8					60	CO5	to understand the statistical analysis and software usage in research	Strong-H	Weak-L	-	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
9	SEM I	020141109-PP	T2216	Business Statistics	60	CO1	To enable students to present, analyze and interpret data Using descriptive statistics	Strong-H	-	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H

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9					60	CO2	To enable students to use concepts of probability and probability distributions in business situations.	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Moderate-M	-	Strong-H	Strong-H	-	Strong-H	Strong-H
9					60	CO3	To enable students to make inferences from samples drawn from large datasets of single population, two populations and multiple populations	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	-	Moderate-M	Strong-H	Strong-H	Strong-H
9					60	CO4	To enable students to apply bivariate and multivariate statistical techniques.	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	-	Strong-H	-	Strong-H	Strong-H	Strong-H
9					60	CO5	To enable students to apply non-parametric statistical techniques.	Weak-L	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Weak-L	Strong-H	-	Strong-H	Strong-H	Strong-H
10	SEM I	020141110 - PP	T3154	Data Driven Decision Making	60	CO1	Analyze the process of Data Driven Decision Making	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H
10					60	CO2	Examine the nature of business data	Strong-H	-	Moderate-M	Moderate-M	-	Strong-H	-	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H
10					60	CO3	Evaluate the basic concepts of DBMS	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Strong-H	Strong-H	-	Weak-L	Moderate-M	Moderate-M	Strong-H
10					60	CO4	Map business organisations data requirements using ERD and DFD	Moderate-M	Strong-H	Strong-H	-	Strong-H	Moderate-M	Moderate-M	-	Weak-L	Moderate-M	Moderate-M	Strong-H
10					60	CO5	Elaborate the use of software tools (Excel) for capturing and analysing data	Strong-H	Strong-H	Strong-H	Weak-L	-	Strong-H	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
11	SEM I	020141111 - PP	T2003	Financial Accounting	60	CO1	Develop an insight to concepts, principles and techniques of accounting	Strong-H	Weak-L	-	Strong-H	Weak-L	-	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H
11					60	CO2	To be able to relate financial and accounting information for planning, decision making and control	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
11					60	CO3	To be able to appraise accounting information for evaluation & interpretation	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	-	Strong-H	Strong-H
11					60	CO4	To process Accounting Information from a Transactional level to a reporting level	Strong-H	Strong-H	-	Weak-L	-	Strong-H	-	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L
11					60	CO5	To process Accounting Information from a reporting level to a comprehensible level	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
12	SEM I	020141112 - PP	T2136	Sales Force and Channel Management	60	CO1	Student will be able to analyze, differentiate and apply Domestic and Global Sales and distribution practices	Strong-H	Strong-H	-	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H

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12					60	CO2	Student will be able to compose the tools and techniques necessary for designing, motivating and evaluating Sales force and channel management systems.	Weak-L	-	Strong-H	Strong-H	Weak-L	-	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H
12					60	CO3	Student will be able to compare and summarize the future managers with application based knowledge in sales force and channel management.	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
12					60	CO4	Students will be able to create a plan fro deploying sales force for a territory	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	-	Strong-H	Weak-L	Weak-L	Weak-L
12					60	CO5	Student will be able to create sales territory and re-engineer sales territory.	-	Weak-L	Weak-L	-	Strong-H	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M
13	SEM I	020141113 - PP	T2888	Consumer Behaviour and Insights	60	CO1	Understand various marketing scenarios that are affected by consumer behaviour	-	Strong-H	Strong-H	-	Weak-L	Strong-H	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H
13					60	CO2	Differentiate between consumer responses and reactions to marketing outcomes	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Moderate-M
13					60	CO3	Relate to practical aspects of marketing strategy with the consumer decision making process	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H
13					60	CO4	Identify and apply consumer behaviour concepts to real life marketing problems	Strong-H	Strong-H	-	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H
14	SEM I	020141114 - PP	T2284	Learning And Development	60	CO1	Analyse the principles of learning and instructional system design in designing and developing a training program	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	Moderate-M	Strong-H	Strong-H
14					60	CO2	Critique the process of training and development as a part of talent management and organizational development process	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H
14					60	CO3	Design different training methodologies and critically analyze various models	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
15	SEM I	020141115 - PP	T2638	Labour Laws	60	CO1	To understand the interpretation of various labour laws ..	Strong-H	Strong-H	Strong-H	-	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO2	To familiarize with the legal implications of decision making related to HR practices.	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15					60	CO3	To know the calculations of compensations & employee benefits.	Strong-H	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H

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15					60	CO4	To understand various provisions related to lay offs, retrenchments & closure	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15					60	CO5	To understand conditions of employment & misconducts at the workplace .	-	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
16	SEM I	020141116 - PP	T2015	Introduction to Financial Markets and Institutions	60	CO1	To understand the basic concept of the financial markets and financial institutions.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO2	To apply the relevant concepts to affects to the current events or topical issues.	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO3	To compare and contrast the various financial markets and instruments on the basis of risk and return.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H
16					60	CO4	Evaluate empirical evidence of market performance, and contrast it with theories of market performance.	Weak-L	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
16					60	CO5	Analyse and research how issues related to financial markets and institutions affect or are affected by the global and local communities.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	-	Strong-H	Moderate-M
17	SEM I	020141117 - PP	T2611	Financial Econometrics	60	CO1	Develop an analytical approach to provide details for informed decision making in finance	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H
17					60	CO2	Apply & analyse the concepts of financial econometrics in business	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M
17					60	CO3	Compare and Appraise various theories related to different concepts	-	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H
17					60	CO4	Evaluate various concepts of financial econometrics as input for various applications	Moderate-M	-	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
18	SEM I	020141118 - PP	T2174	Materials Management	60	CO1	Students will be able to discuss the significance of materials management and supply chain in the value chain	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Weak-L	Weak-L	-	Moderate-M	Strong-H	Strong-H	Strong-H
18					60	CO2	Students will be able to discuss manufacturing planning and control system in detail.	Strong-H	Strong-H	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
18					60	CO3	Students will be able to apply forecasting models and calculate demand forecasts for different organisations.	-	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H

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18					60	CO4	Students will be able to develop vendor rating criterion and evaluate vendor performance.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
18					60	CO5	Students will be able to apply inventory management and analysis concepts and tools	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
19	SEM I	020141119 - PP	T2163	Quality Management	60	CO1	The Student should be able to identify the key quality metrics and take a judgement of appropriate cost-quality trade off along the Value chain and apply it in Quality Management strategy formulation. (B3)	Strong-H	Strong-H	-	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H
19					60	CO2	Will develop an overall understanding of different quality management standards and models vis-a vis the benefits they bring to the organisation.	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M
19					60	CO4	Will be able to demonstrate the ability to apply different Quality management tools and analyse the results, initiate corrective and preventive actions. (B4)	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
19					60	CO5	Will be able to appreciate the different quality award criteria and take appropriate decision whether to go for any award and take appropriate startegy to implement the same.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Strong-H
20	SEM I	020141120 - PP	T2625	Doing Business in India	60	CO1	The student should be able to analyse and apply management practices in context of current business environment/business in India	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
20					60	CO2	Develop knowledge in core areas of business based on recent changes in the business scenario/ecosystem.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
20					60	CO3	It help them to analyse internal and external domains of various business functions and processes with reference to the latest scenarios.	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
20					60	CO4	Integrate the class room leanings and develop team work capabilities in multidisciplinary setting.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	-	Weak-L	Weak-L
20					60	CO5	To develop an overall view of the world and understands a cross cultural business context.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M

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21	SEM I	020141121 - PP	T2729	Indian Ethos and Values for Management	60	CO1	Students will understand the dynamics of morality	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
21					60	CO2	Students will identify the constant in morality	-	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
21					60	CO3	Students will recognise the variable values in morality	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M
21					60	CO4	Student will able to explain the significance of ethics	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
21					60	CO5	Students will able to elucidate the moral intuitionism in humans	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	-	Moderate-M	Moderate-M
22	SEM I	020141122 - PP	T2626	Indian Film Industry: A Business Perspective	60	CO1	To understand the fundamentals of the vibrant Indian film industry the business opportunity that exists	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
22					60	CO2	Students should be able to place the Indian and World Film Industry as a Market as a Holistic and overarching umbrella under which there are various aspects are clustered in	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
22					60	CO3	Should be able to apply Brand and Product Templates to Film as a Product, Experience and Service	Strong-H	Strong-H	Strong-H	-	Moderate-M	Strong-H	-	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H
22					60	CO4	Should be able to understand the process, language, grammar and interpretation of the film language and its unique pre and post production steps	Weak-L	Weak-L	-	Strong-H	Strong-H	Weak-L	-	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
22					60	CO5	Prepare a 360 deg marketing and promotional plan for a film across markets, countries and segments as well as explore the various Financial Customer Behaviour, Pricing and Infrastructural processes that are in play in the Film business	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
23	SEM II	020141201 - PP	T6073	Macroeconomics	60	CO1	Ability to explain the method, technique and process of Factor analysis	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
23					60	CO2	Ability to explain the method, technique and process of Discriminant analysis	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H
23					60	CO3	Ability to explain the method, technique and process of Conjoint analysis	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
23					60	CO4	Ability to explain the method, technique and process of Cluster analysis.	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H

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23					60	CO5	Ability to explain the method, technique and process of Multidimensional scaling.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
24	SEM II	020141202 - PP	T2279	Organizational Behaviour	60	CO1	To create awareness amongst future managers and entrepreneurs the importance of intellectual property as understood in the context of TRIS & WTO	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H
24					60	CO2	Basic knowledge of various branches of IP	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
24					60	CO3	Discuss contemporary issues in IP laws and explore economic and other issues associated with protection of IP	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
24					60	CO4	Enables student managers in hi-tech firms to acquaint themselves with broad contours of IP rights, their social context & historical evolution of the laws that pertain to the same and their practical application	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M
24					60	CO5	To effectively disseminate knowledge about IP and provide a platform for students to gain knowledge about IP and enhance their managerial skills	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
25	SEM II	020141203 - PP	T2612	Business Analytics for Marketing	60	CO1	Understand the Marketing 4.0 concepts and being able to apply the frameworks in different industries	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	-
25					60	CO2	Learning Segmentation, Targeting and Positioning frameworks Brand Positioning, New Product Development life cycle Cluster, Discriminant, and Conjoint Analysis	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
25					60	CO3	Customer Value Assessment & Life Time Value of the customer, Determining the Service Quality of Various Industries	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
25					60	CO4	How to do Budgeting for Advertising Time Series Analysis	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
25					60	CO5	Sales force Management - Forecasting models	-	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-
26	SEM II	020141204 - PP	T2777	Management Accounting	60	CO1	Student will be able to explain the introduction to Fundamentals of Management Accounting	Strong-H	Strong-H	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-

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26					60	CO2	Student will be able to decide on the presentation of Data in Format of Cost Sheet for Managerial Planning, Decision Making and Controlling	Strong-H	Strong-H	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
26					60	CO3	Student will be able to analyse & interpret the Financial Statements to arrive at Decisions	Strong-H	Strong-H	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
26					60	CO4	Student will be able to analyze the Management Accounting Tools & Techniques : Marginal Costing	Strong-H	Strong-H	-	Weak-L	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
26					60	CO5	Student will be able to explain the Budgetary Control & Variance Analysis	Strong-H	Strong-H	-	Weak-L	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
27	SEM II	020141205 - PP	T3564	Cloud And Big Data	60	CO1	Student be able to understand Impact of Social media on Big Data	Strong-H	Moderate-M	-	-	-	-	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	-
27					60	CO2	Student be able to understand Key requirements for Success of Big Data	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	-	Weak-L	Strong-H	-	Strong-H	Strong-H	-
27					60	CO3	Student be able to do Configuration of Hadoop cluster single Node	Moderate-M	Strong-H	Weak-L	Weak-L	-	-	-	Strong-H	Moderate-M	Strong-H	Strong-H	-
27					60	CO4	Student be able to understand the various components in the Ecosystem of Big Data and its landscape	Strong-H	Strong-H	Weak-L	-	-	Weak-L	Weak-L	Strong-H	-	Strong-H	Strong-H	-
27					60	CO5	Student be able to understand the core concepts of cloud computing and the enabling technologies	Strong-H	Moderate-M	-	Moderate-M	Weak-L	-	Weak-L	-	-	Strong-H	Strong-H	-
28	SEM II	020141206 - PP	T2220	Operations Research	60	CO1	Students will be able to comprehend the evolution of Operation research and its significances in businesses	Strong-H	Strong-H	-	-	-	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-
28					60	CO2	Students will be able to formulate operations reserch models encountered in businesses	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-
28					60	CO3	Students will be able to analyze business problems using the power of well-known operational research tools and techniques	Weak-L	Strong-H	Moderate-M	Weak-L	-	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-
28					60	CO4	Students will be able to interpret data and make decisions	-	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-
28					60	CO5	Students will be able to implement Operations research models	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-

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29	SEM II	020141207 - PP	T1140	Legal Aspects of Business	60	CO1	The student should explain the legal framework applicable to their organization	Strong-H	Strong-H	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-
29					60	CO2	The student should be able to specify the regulatory authority and the underlying compliances.	Strong-H	-	Weak-L	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	-
29					60	CO3	The student should be able to explain the importance of intellectual property, the rights thereunder and protection thereof.	Strong-H	Weak-L	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-
29					60	CO4	The student should be able to evaluate the Corporate Laws that govern all the organizations in India	Strong-H	Moderate-M	-	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	-
29					60	CO5	The students should be able to explain about the Consumer centric laws, including but not limited to, consumer protection, competition commissions et al	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	-
30	SEM II	020141208 - PP	T3088	Management Information Systems	60	CO1	To make learners capable to analyze the need and potential of different information systems in an organization and recommend suitable solutions.	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	-
30					60	CO2	To make learners to be able to determine which factors are important for IS success in organizations	-	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	-
30					60	CO3	The learners will be able to explain the integration between a TPS and an MIS	-	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-
30					60	CO4	To elaborate how culture influences the development, deployment, and use of information systems in organizations	Moderate-M	Weak-L	Moderate-M	Strong-H	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-
30					60	CO5	To make students evaluate the implementations of ERP and the nuances related to IT in real time.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-
31	SEM II	020141209 - PP	T2193	Project Management	60	CO1	To understand / list and learn major aspects of project management	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
31					60	CO2	To discuss various concepts, tools & techniques of project management	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H
31					60	CO3	To discuss various issues related to project planning and scheduling	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
31					60	CO4	To discuss /state various issues in project evaluation.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H

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35	SEM II	020141213 - PP	T2141	Rural Marketing	60	CO1	Students will be able to analyze the scope, importance, challenges, myths, also present level of penetration of products and services in Rural Markets and its potential. Rural economy and recent changes in rural market environment. Rural marketing its strategic marketing options used by Indian companies and MNC,s	Strong-H	Moderate-M	-	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-
35					60	CO2	Students will be able to examine the changing profile of the rural consumer and at its consumption pattern. To understand Factors responsible for fast changes in consumption patterns of rural consumer, rural women empowerment etc	Strong-H	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-
35					60	CO3	Students will be able to choose the methods of rural market research and also the criterias applicable for rural market segmentation, selection of target markets, and positioning for various p	Moderate-M	Moderate-M	-	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
35					60	CO4	Students will be able to design product, price, distribution and promotional strategies for different categories of products and services targeted at Rural Consumers. To analyse present marketing strategies for FMCG, microfinance etc in India	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-
35					60	CO5	Students will be able to create the strategies for agri-input marketing, like tractors etc. to analyze the trends of market oriented agriculture, contract farming, farmer producing organisations, upcoming trends of agri product marketing, online marketing, role of government and related institutions in fixing minimum support process for agro products etc	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-
36	SEM II	020141214 - PP	T2286	Industrial Relations	60	CO1	Students will be able to analyze the causes of industrial disputes & knowing about the Systems model, the pluralist approach & the Gandhian Approach to Industrial relations	Strong-H	Moderate-M	Strong-H	-	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-

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36					60	CO2	Students will be able to evaluate Conciliation machinery as per the Industrial Disputes Act & the concept of collective bargaining & its benefits	Strong-H	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	
36					60	CO3	Students will be able to explain the history of trade unions in India & the role, objectives & functions of a Trade Union	Strong-H	Weak-L	Moderate-M	-	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
36					60	CO4	Students will be able to analyze the concept, scope & limitations of Workers Participation in Management.	-	Moderate-M	Strong-H	-	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
36					60	CO5	Students will be able to discuss the changes & challenges to the trade union movement & approach to industrial relations in a developing economy	-	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
37	SEM II	020141215 - PP	T2283	Talent Management	60	CO1	Explain the importance of talent management practices and their effective management in companies. Describe the meanings of terminology and tools used in managing employees effectively	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Moderate-M	Weak-L	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-
37					60	CO2	Analyzes the processes of selecting, developing and maintaining talent within an organization. The course focuses on talent management strategies and initiatives which are integrated with organizational strategy and bottom line objectives.	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-
37					60	CO3	Develop, analyze and apply advanced training strategies and specifications for the delivery of training programs. List training and development needs for the 21st century Evaluate training programs using appropriate design and data collection procedure	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-

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37					60	CO4	State the significance of employee benefits to both employers and employees Evaluate a benefits package that supports the organization's strategy in line with HRM cost-containment policies and practices and Recommend actions based on results of the compensation analysis and design compensation schemes that are cost effective, that increase productivity of the work force, and comply with the legal framework	Moderate-M	Strong-H	-	Strong-H	Strong-H	-	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	-
37					60	CO5	Define the concept of performance management and outline its role in contemporary organizations Explain the importance of the performance management system in enhancing employee performance Compare and contrast the different techniques involved in the performance appraisal process, for example, the giving and receiving of feedback	Weak-L	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	-
38	SEM II	020141216 - PP	T2296	Compensation and Reward Management	60	CO1	Explain key concepts and theories from compensation and apply them to actual compensation problems in firms.	Strong-H	Strong-H	-	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-
38					60	CO2	Explain how to conduct & interpret basic statistical analysis of compensation data and design a compensation and benefits system to motivate workers	-	Strong-H	-	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-
38					60	CO3	Explain how the various features & components of compensation systems influence attraction, retention and turnover.	-	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-
38					60	CO4	Explain key issues in performance measurement for the purpose of compensation.	-	Strong-H	-	Moderate-M	Weak-L	Strong-H	Moderate-M	-	Strong-H	Strong-H	Strong-H	-
38					60	CO5	Analyze a firms compensation system, legal & tax context, evaluate its strengths and weaknesses and propose changes to improve it.	-	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-
39	SEM II	020141217 - PP	T2043	Security Analysis and Portfolio Management	60	CO1	Students will be able to analyze the Significance of Fundamental & Technical Analysis	Moderate-M	Strong-H	Moderate-M	-	-	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	-

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39					60	CO2	Students will be able to evaluate Risk and Returns of Portfolios	Moderate-M	Strong-H	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-
39					60	CO3	Students will be able to differentiate between Traditional & Modern Portfolio Management	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	-
39					60	CO4	Students will be able to appraise various Theories of Portfolio Management	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-
39					60	CO5	Students will be able to analyse Markets for Effective Portfolio Management	-	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-
40	SEM II	020141218 - PP	T2045	Corporate Valuation	60	CO1	Describe various methods of Discounted cash flow valuation methods	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	-
40					60	CO2	Explain various relative valuation concepts	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	-
40					60	CO3	Apply contingent claim valuation method (Real Option Valuation) in real life	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	-
40					60	CO4	Analyse the concept of valuation for private and high-growth firms	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-
40					60	CO5	Develop the understanding of application of Valuation under various instances of Merger and Acquisition	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	-
41	SEM II	020141219 - PP	T2051	Financial Modeling	60	CO1	Students will be able to explain spread sheet functions and investment tools as building blocks of financial modeling framework	Moderate-M	Strong-H	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-
41					60	CO2	Students will be able to analyze perspective of project financing and Financial Modeling Framework using Financial statements of a business	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-
41					60	CO3	Students will be able to project finance modelling	-	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
41					60	CO4	Students will be able to explain Advanced concepts in Financial Modeling - Tax Modeling and RISK analysis	-	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
41					60	CO5	Students will be able to develop Equity Research modelling	-	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
42	SEM II	020141220 - PP	T2187	Service Operations Management	60	CO1	The students will be able to analyze the field of Service Operations and the challenges therein along with Contemporary Developments in the sector	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-

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42					60	CO2	Discuss the Service Strategy, Service Package, Service Blue Print and the factors involved in classifying ,structuring and locating Service Operations	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Moderate-M	Weak-L	-
42					60	CO3	Analyze Service Encounters , Design service quality measurements to build customer satisfaction and loyalty and evaluate the effectiveness and effectiveness of customer service offerings in addition to complaint handling	-	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Weak-L	Moderate-M	-
42					60	CO4	The students will be able to explain the various models of waiting lines , queuing, inventory models in services and evaluate the role of technology in Services	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Moderate-M	Moderate-M	Weak-L	-	Strong-H	Strong-H	-
42					60	CO5	The students will be able to appraise the demand and capacity planning strategies, yield management concept and evaluate World class Services	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	-
43	SEM II	020141221 - PP	T2527	Logistics Management	60	CO1	The student will be able to analyze the Logistics industry , evaluate the role of Logistics in Supply Chain and interpret transport fundamentals.	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	-
43					60	CO2	The student will be able to analyze warehousing operations and related decisions in logistics.	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-
43					60	CO3	The student will be able to explain air, rail, marine operations and scheduling.	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Moderate-M	Weak-L	-
43					60	CO4	The student will be able to appraise - 1. Network Optimization 2. Insurance and Contracts 3. EXIM Procedures and Global Logistics 4. Performance measurement and 5. Technology with reference to Logistics.	-	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Weak-L	Moderate-M	-
43					60	CO5	The student will be able to evaluate the Logistics strategies and the contemporary developments in the sector.	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Moderate-M	Moderate-M	Weak-L	-	Strong-H	Strong-H	-
44	SEM II	020141222 - PP	T2177	Supply Chain Risk and Reliability Management	60	CO1	To develop clarity on Risk and its assessment. Ability to identify risk in supply chain	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-

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44					60	CO2	Ability analyse and prioritise risk items and take risk mitigating actions	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	-	
44					60	CO3	Ability to create and design reliable supply chain	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	
44					60	CO4	Develop capability to prepare business continuity plans in view of SCM risks	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	
44					60	CO5	To appreciate supply chain risk management standards	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	
45	SEM II	20141209 - PP		Project - III	60	CO1	Will be able to identify research topic in any particular area	Weak-L	Weak-L	-	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	
45					60	CO2	Analyze the existing literature to identify research gaps and research objectives.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	-	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	
45					60	CO3	Prepare Research Design/Proposal for the identified objectives	Weak-L	Strong-H	Strong-H	Weak-L	-	Strong-H	Weak-L	-	Moderate-M	Moderate-M	Moderate-M	Strong-H	
45					60	CO4	Collecting, analysing data and report preparation	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H
46	SEM III	020141301 - PP	T2912	Summer Internship	60	CO1	Develop knowledge in core areas of business based on current research and best practice.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-	
46					60	CO2	Utilize qualitative and quantitative methods for effective decision making and to overcome critical business challenges.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-	
46					60	CO3	Identify new business opportunities and innovate at the workplace.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-	
46					60	CO4	Develop a world view that understands and appreciates a real time business context.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	-	
46					60	CO5	Demonstrate Leadership and Team work capabilities in multidisciplinary settings.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-	
47	SEM III	020141302 - PP	T2569	Strategic Management	60	CO1	Analyze aspects related to strategic management such as environment scanning	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	-	
47					60	CO2	Interpret the scope of a firm and the formulation of corporate level strategies	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	-
47					60	CO3	Analyze the core competence of a firm and interpret decisions related to diversification and value chain decisions	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	-	
47					60	CO4	Analyze the implementation of strategy with relation to the culture and structure of the firm	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	-	Weak-L	Weak-L	-	

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47					60	CO5	Compare and contrast strategies related to change management decisions	Strong-H	Weak-L	-	Moderate-M	-	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
48	SEM III	020141303-PP	T2622	Business Simulation	60	CO1	To enable students to start their own company and help them understand the obstacles they need to overcome to set up the same.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
48					60	CO2	To Develop Business skills using simulation requiring students to set up and run a company in a span of 8 quarters.	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Strong-H
48					60	CO3	Take decisions relating to all the aspects of business such as marketing, finance, and HR. Also require them to go into the details of these areas of specialisation.	Weak-L	-	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
48					60	CO4	To analyze managing highly complex business and integrated business.	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Moderate-M	-	Moderate-M	Moderate-M
48					60	CO5	To determine various sources of finance and the best combinations of the same.	Weak-L	-	Moderate-M	Moderate-M	-	Moderate-M	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
49	SEM III	020141304-PP	T2658	Design Thinking	60	CO1	The student will be able to recall phases and steps of design thinking (DT)	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
49					60	CO2	The student will be able to match phases and steps of DT to the descriptions	Strong-H	Weak-L	Strong-H	Weak-L	-	-	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H
49					60	CO3	The student will be able to articulate their DT proposal to their colleagues	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M
49					60	CO4	The student will be able to apply the tools of DT to mock problems	Weak-L	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
49					60	CO5	The student will be able to apply the tools of DT to real problems	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
50	SEM III	020141305-PP	T2802	Project IV	60	CO1	Selecting a topic of interest that has a business focus and creating a proposal for the project and its rationale including the problem statement.	Strong-H	Strong-H	Strong-H	-	Weak-L	Weak-L	-	Moderate-M	-	Strong-H	Strong-H	Strong-H
50					60	CO2	Developing literature review, selecting a research method, collecting and analyzing data	-	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Moderate-M
50					60	CO3	Writing a publishable research paper	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
50					60	CO4	Prepare Research Design/Proposal for the identified objectives	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H

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56					60	CO2	Students should be able to explain and identify and explain seven types of wastes in given business scenario	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
56					60	CO3	Students should be able to appriase the business scenario and recommend solutions for improvement using lean six sigma methodlogy	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H
57	SEM III	020141312 - PP	T2013	Derivative Markets	60	CO1	Describe what is derivatives instruments, its important types and important markets in which derivatives instruments are traded	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-
57					60	CO2	Explain how the trading of the derivative instruments is done, what profit-making strategies are and how to practically implement them	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	-	-	-
57					60	CO3	Apply concepts of derivatives for risk hedging, arbitrage and related investment strategies	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	-	-	-
57					60	CO4	Apply the profitable trading strategies using derivatives	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	-	Strong-H	Moderate-M	-	-	-
58	SEM III	020141313 - PP	T2073	International Finance	60	CO1	Develop an analytical/practical approach to corporate Investment decision making in Fixed income Markets	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
58					60	CO2	Apply & analyse the concepts in real life situations.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
58					60	CO3	Compare and Appraise various theories related to different concepts.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-
58					60	CO4	Evaluate various theories related to different concepts.	-	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
58					60	CO5	Determine and Recommend improvements based on the concepts taught.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
59	SEM III	020141314 - PP	T2139	Digital Marketing	60	CO1	Search Engine Marketing	Strong-H	Strong-H	Strong-H	Moderate-M	-	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-
59					60	CO2	Social Media Marketing	Strong-H	Strong-H	Moderate-M	Weak-L	-	Strong-H	Moderate-M	Weak-L	-	Moderate-M	Strong-H	Moderate-M
59					60	CO3	Digital Marketing Strategy	Strong-H	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Strong-H	Weak-L	-	Strong-H	Strong-H	Moderate-M
59					60	CO4	Digital Media Buying & Planning	Strong-H	Strong-H	Moderate-M	Strong-H	-	Moderate-M	Moderate-M	Strong-H	-	-	Strong-H	Strong-H
60	SEM III	020141315 - PP	T2121	Customer Relationship Management	60	CO1	To analyse and explain the building blocks of Customer Relationship Management (CRM) in particular, the technology aspects.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
60					60	CO2	To distinguish between CRM Strategy and Tactics and develop appropriate strategies	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	-	-	-
60					60	CO3	To discuss how CRM helps to build Competitive Advantage and apply it to real life situations	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-
60					60	CO4	Evaluate the Concept of Customer Loyalty and formulate appropriate programs	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	-	-	-
60					60	CO5	To compare, explain and measure Marketing driven, Analytical, Operational and Collaborative CRM initiatives	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	-	-	-
61	SEM III	020141316 - PP	T2143	Services Marketing	60	CO1	The students will be able to explain the importance of Services, compare its differences with goods and will be able to apply the elements of Services Marketing Mix to develop a Marketing Strategy for any Service organization .	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-
61					60	CO2	Design service quality measurements to build customer satisfaction and loyalty and evaluate the effectiveness and effectiveness of customer service offerings in addition to complaint handling.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	-
61					60	CO3	The students will be able to explain service design & delivery, service blueprinting and roles played by employees and customers in Service Delivery and analyze Service Failures and Recovery.	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	-
61					60	CO4	The students will be able to understand the vital role of price, place and promotion in Services Marketing and able to apply the demand and capacity management strategies for Service Organizations.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-
61					60	CO5	The students will be able to analyze the different sectors of Services in a contemporary context.	-	Weak-L	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-
62	SEM III	020141317 - PP	T2148	Retail Marketing	60	CO1	Student will be able to apply the retail marketing processes to retail business problems	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
62					60	CO2	Student will be able to develop retail plan for retailers so as to effectively compete in the market.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
62					60	CO3	Student will be able to develop strategies for optimisation of resource in managing retail outlet	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
63	SEM III	020141318 - PP	T2019	Fixed Income Markets	60	CO1	1. Develop an analytical/practical approach to corporate Investment decision making in Fixed income Markets	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
63					60	CO2	2. Apply & analyse the concepts in real life situations.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
63					60	CO3	3. Compare and Appraise various theories related to different concepts.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
63					60	CO4	4. Evaluate various theories related to different concepts.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
63					60	CO5	5. Determine and Recommend improvements based on the concepts taught.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
64	SEM III	020141319 - PP	T2047	Mergers and Acquisitions	60	CO1	Apply & analyse the concepts in real life situations to positively influence corporate, society and environment.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	-
64					60	CO2	Compare and Appraise various theories related to different concepts.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
64					60	CO3	Evaluate various theories related to different concepts and device optimum solutions for solving complex corporate problems within available resources.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
65	SEM III	020141320 - PP	T2059	Advanced Corporate Finance	60	CO1	Develop an analytical/practical approach to corporate fin decision making	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
65					60	CO2	Apply & analyse the concepts in real life situations to positively influence corporate, society and environment.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	-
65					60	CO3	Compare and Appraise various theories related to different concepts.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
65					60	CO4	Evaluate various theories related to different concepts and device optimum solutions for solving complex corporate problems within available resources.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
65					60	CO5	Determine and Recommend improvements based on the concepts taught.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
66	SEM III	020141321 - PP	T2063	Project Feasibility and Financing	60	CO1	To acquire knowledge of social projects and absorb all the relevant terms associated like BOO, BOLT, BOOT, innovative instruments of finance, structure, PPP, tripartite or quadrapartite agreements and contracts	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
66					60	CO2	To choose suitable financial instruments based on their characteristics and long-term requirements of funds for an infrastructure project and design a suitable capital structure for a given project	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
66					60	CO3	To evolve suitable working assumptions for financial projections of a given project and build financial statements including P & L, balance sheet & cash flows for the required number of years	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
66					60	CO4	To list out project risks, stage-wise in a project in general and infrastructure project in particular and detail the risk management process and instruments for managing the risks - role of contracts and agreements in infrastructure project - Application of CO 1 above	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
66					60	CO5	To determine project viability through diverse appraisals using appropriate tools for different stake holders in an infrastructure project including Government, lenders and other investors	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
67	SEM III	020141322 - PP	T2302	Technology in HR /SAP HR/ People Soft	60	CO1	To be able to understand how in an organization HCM structure are created and Maintained. Hierarchy of an organisation.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
67					60	CO2	If any organization is using On premise Sap how useful it is to use Cloud SAP. Difference between S4Hana and SAP Ecc6	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
67					60	CO3	To understand if an employee needs to be transferred or promoted how we can match his qualification with requirement.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
67					60	CO4	To understand before going for SAP what needs to be taken care SAP how data is maintained	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
67					60	CO5	To understand today need of ERP. Architecture of ERP.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
68	SEM III	020141323 - PP	T2583	Assessment Centres and HRD Instruments	60	CO1	To develop an understanding of the theoretical underpinnings of relevant psychological concepts in the organizational context.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
68					60	CO2	To understand psychological defenses in organizational context	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	-
68					60	CO3	To understand internal motives for understanding self in organizational context	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
68					60	CO4	To understand psychological defenses in organizational context	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
68					60	CO5	To understand and develop Assessment Centres	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
69	SEM III	020141324 - PP	T2284	Learning and Development	60	CO1	Analyse the principles of learning and instructional system design in designing and developing a training program	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	-
69					60	CO2	Critique the process of learning and development as a part of talent management and organizational development process	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
69					60	CO3	Design different training methodologies and be able to critically analyse various learning models	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
70	SEM III	020141325 - PP	T2300	HR Analytics	60	CO1	Explain the importance of HR Analytics and their effective usage in organizations. Describe the terms, terminology and tools used in generating HR Analytics	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-

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70					60	CO2	Outline the current theory and practice of HR Analytics. This includes explaining the concepts of HR Analytics in the context of HRM, Understanding the structure of a robust HRIS system so as to contribute the required data for HR Analytics and frame the importance of metrics and analytics for HR. Compare and contrast the various models of HR Analytics and categorises HR Analytics in terms of Efficiency, Effectiveness and Impact	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
70					60	CO3	Examine, Analyze and Correlate the usefulness of Statistical Methods for HR Analytics by building on the foundation of Business Statistics already learnt before. Validate the exactness of metrics and counts	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
70					60	CO4	Assess the various functional areas in HR to estimate, calculate and predict the various HR Analytics that can provide actionable insights for decision making for Human Capital management processes.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
70					60	CO5	Build and defend a business case for Human Capital with the help of analytics. Analyze and measure the value of human capital using industry recommended methods and synthesize potential improvements.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
71	SEM III	020141326 - PP	T2176	Procurement Management	60	CO1	Be able to appreciate the concept of purchasing and procurement	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
71					60	CO2	Appreciate the role of procurement plays in an organization	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	-
71					60	CO3	Understand why procurement is importance	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
71					60	CO4	Apply procurement theories in workplace and create adding value to the organization	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	-
72	SEM III	020141327 - PP	T2748	Theory of Constraints	60	CO1	Student will be able to analyze, differentiate and apply TOC concepts.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
72					60	CO2	Student will be able to compose the tools and techniques necessary for designing TOC systems and evaluating bottleneck performance.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	-
72					60	CO3	Student will be able to compare and summarize the principles of TOC with its application in manufacturing and service industries.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
73	SEM III	020141328 - PP	T3091	Outsourcing and IT Delivery Models	60	CO1	Undersatnd main purpose of IT outsourcing and role of outsourcing in organizations	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
73					60	CO2	Apply fundamentals of programme/project management in IT oustourcing organizations	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
73					60	CO3	Understand different models of outsourcing and effectiveness of each one of them	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
73					60	CO4	Evaluate cost benefits anaysis of IT outsourcing with examples	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
73					60	CO5	Create a model for the IT components which can be outsourced keeping sesitivity of internalization in mind	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
74	SEM III	020141329 - PP	T3130	ERP Modules and their Integration	60	CO1	To understand integrated view of material information from SAP ERP perspective	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
74					60	CO2	To understand basic sales cycle, purchase cycle and its implemtation in SAP	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
74					60	CO3	To demonstrate the ability to trobleshoot the variations that arise in material information due to inconsistent transactions	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-
74					60	CO4	To be able to troubleshoot SAP errors while doing tansactions in SAP MM, SD and WM modules	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-
74					60	CO5	To contribute to the project of adopting ERP software at an organization with respect to the material view	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	-
75	SEM IV	020141401 - PP	T2623	Corporate Governance and Ethics	60	CO1	To understand the larger theoretical and empirical aspects of corporate governance, and ethics	Moderate-M	-	Weak-L	-	-	Moderate-M	-	Strong-H	Moderate-M	Strong-H	Strong-H	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
80					60	CO3	To enable students to identify entity level and operational level risk in different functional area like operation,marketing,finance and HR	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-
80					60	CO4	To enable and apply risk identification and analysis techniques	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	-
80					60	CO5	To enable and apply risk mitigation techniques	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
81	SEM IV	020141407-PP	T2800	Investment Banking	60	CO1	Students will be able to analyze an understanding of the role of financial markets from business perspective	Moderate-M	Strong-H	Moderate-M	-	-	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-
81					60	CO2	Students will be able to analyze the regulatory and corporate governance standards set by SEBI	Strong-H	Strong-H	-	-	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-
81					60	CO3	Students will be able to evaluate the functions of an investment banker while providing underwriting or corporate advisory services	-	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-
81					60	CO4	Students will be able to analyze the role of investment banks in managing issues of equity, debt and govt. bonds and mergers and acquisitions	Weak-L	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-
81					60	CO5	Students will be able to apply the understanding of venture capital and IPO market which will help future entrepreneurs raise capital	-	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Business Management, Pune Programme Name : Master of Business (Innovation and Entrepreneurship)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Develop knowledge in core areas of business based on current research and best practice.
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Utilize qualitative and quantitative methods for effective decision making and to overcome critical business challenges.
3	GA2	Global citizenship: ethical, social and professional understanding	PO3	Develop a world view that understands and appreciates a global cross-cultural business context.
4	GA2	Global citizenship: ethical, social and professional understanding	PO4	Identify new business opportunities and innovate at the workplace.

5	GA3	Eco-literate: sensitivity towards a sustainable environment	PO5	Apply management practices in the context of societal, health, safety, legal, and cultural issues with a concern for the environment.
6	GA3	Eco-literate: sensitivity towards a sustainable environment	PO6	Communicate effectively as a manager under different situations with all stakeholders.
7	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO7	Demonstrate Leadership and Team work capabilities in multidisciplinary settings.
8	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO8	Engage in independent and life-long learning and take up challenging assignments for selfdevelopment.
9	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO9	Integrate ethical considerations while taking business decisions.
10	GA2	Global citizenship: ethical, social and professional understanding	PO10	Develop Entrepreneurship skills to start new ventures to bring positive change in Society.
11	GA2	Global citizenship: ethical, social and professional understanding	PO11	Develop skills to think innovatively and out of the box.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
1	SEM I	020143101-PP	T2805	Project I	60	CO1	Will be able to identify research topic in any particular area	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
1					60	CO2	Analyze the existing literature to identify research gaps and research objectives.	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L	Weak-L
1					60	CO3	Prepare Research Design/Proposal for the identified objectives	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
1					60	CO4	Collecting, analysing data and report preparation	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
2	SEM I	020143102-PP	T2642	Fundamentals of Entrepreneurship and Intrapreneurship	60	CO1	To develop an entrepreneurial mindset	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	-	-
2					60	CO2	To learn how to identify a business opportunity	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-
2					60	CO3	To learn how to organize a business	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	-	-
2					60	CO4	To learn how to build a business plan	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-
2					60	CO5	To understand how to be entrepreneurial within an organization	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-
3	SEM I	020143103-PP	T2657	Fundamentals of Innovation	60	CO1	Critically understand the basic concepts, tools, emerging models, and latest industry practices on innovation	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Moderate-M	-	-
3					60	CO2	Learn process of innovation from idea to market that leads to new products, services, and venture	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	-	-

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3					60	CO3	Acquire the ability to develop and sustain innovation capability in the organizations using concepts, practical approaches and changing organizational culture	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-
4	SEM I	020143104 - PP	T2239	Business Communication	60	CO1	The students must understand the importance of communication & its criticality in achieving success	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
4					60	CO2	The students must be able to identify the barriers in communication & overcome them effectively	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
4					60	CO3	The students must know the different types of emails & be able to write a good sample mail on the given topic. Also conduct effective meetings & be able to handle human dynamics every time	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
4					60	CO4	Conducting effective meetings & being able to handle human dynamics every time	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-
4					60	CO5	Make effective presentations & become a good communicator with cross cultural sensitivity/diversity/inclusivity	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
5	SEM I	020143105 - PP	T2656	Creativity and Problem Solving	60	CO1	The students will be able to explain the importance of Services, compare its differences with goods and will be able to apply the elements of Services Marketing Mix to develop a Marketing Strategy for any Service organization .	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
5					60	CO2	Design service quality measurements to build customer satisfaction and loyalty and evaluate the effectiveness and effectiveness of customer service offerings in addition to complaint handling.	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H
5					60	CO3	The students will be able to explain service design & delivery, service blueprinting and roles played by employees and customers in Service Delivery and analyze Service Failures and Recovery.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H

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5					60	CO4	The students will be able to understand the vital role of price, place and promotion in Services Marketing and able to apply the demand and capacity management strategies for Service Organizations.	-	Strong-H	Strong-H	-	Strong-H	Strong-H	Moderate-M	-	Strong-H	Strong-H	Strong-H
5					60	CO5	The students will be able to analyze the different sectors of Services in a contemporary context.	Strong-H	Strong-H	-	Weak-L	Weak-L	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
6	SEM I	020143106 - PP	T2658	Design Thinking	60	CO1	The student will be able to recall phases and steps of design thinking (DT)	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
6					60	CO2	The student will be able to match phases and steps of DT to the descriptions	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-
6					60	CO3	The student will be able to articulate their DT proposal to their colleagues	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-
6					60	CO4	The student will be able to apply the tools of DT to mock problems	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
6					60	CO5	The student will be able to apply the tools of DT to real problems	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
7	SEM I	020143107 - PP	T2114	Essentials of Marketing Management	60	CO1	The Student should be able to interpret the fundamental concepts of Marketing, examine the marketing environment and analyse the concept of Customer Value.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
7					60	CO2	The student should be able to apply the STP strategy - market segmentation, target marketing, and market positioning - for a product or a service given a situation and should be able to evaluate major bases for segmenting consumer and business markets.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-
7					60	CO3	The student should be able to apply the marketing mix - Product, Price, Place and Promotion in a given product or service situation	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
7					60	CO4	The student should be able to analyse contemporary issues in Marketing.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-
8	SEM I	020143108 - PP	T2003	Financial Accounting	60	CO1	Students will be able to understand Capital Expenditure, Revenue expenditure, difference between cost, profit & cash flow, Generally Accepted Principles of Accounting	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	-	-

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11	SEM I	020143111 - PP	T2573	Organizational Behaviour	60	CO1	Understanding the dynamics of individual, group and organisational behavior at workplace	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
11					60	CO2	predicting individual and group behaviour in organizations	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
11					60	CO3	Replacing intuition with Evidence based management	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-
11					60	CO4	enable students to use organizational behavior theories and methods to achieve better interpersonal relationships and manage people effectively.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
11					60	CO5	Application of OB to entrapernuership	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
12	SEM I	020143112 - PP	T6075	Managerial Economics	60	CO1	To discuss the definitions, evolution, nature and scope of Economics	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
12					60	CO2	To help students understand the relevance and significance of Economics in managerial decision making	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
12					60	CO3	To understand inter-linkage between microeconomic variables through Microeconomic theories	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
12					60	CO4	To perform demand forecasting	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
12					60	CO5	To explain the micro-economic environment of a firm	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
13	SEM I	020143113 - PP	T2802	Project II	60	CO1	Will be able to analyse the data collected and Formulate Problem Statement	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H
13					60	CO2	Will be able to discuss problem and scout for solution	Weak-L	-	Weak-L	Strong-H	Weak-L	-	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
13					60	CO3	Will be able to develop solution and discuss solution in detail	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
14	SEM II	020143201 - PP	T2805	Project III	60	CO1	Will be able to identify research topic in any particular area	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
14					60	CO2	Analyze the existing literature to identify research gaps and research objectives.	Strong-H	Strong-H	Weak-L	Weak-L	-	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H
14					60	CO3	Prepare Research Design/Proposal for the identified objectives	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
14					60	CO4	Collecting, analysing data and report preparation	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L

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15	SEM II	020143202 - PP	T2659	Sectorial Innovations - I	60	CO1	To help students to critically understand the evolution of new and disruptive models in the services sector in the last few decades	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	
15					60	CO2	To enables students to research and learn factors that led to the emergences of services sectors in India	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	
15					60	CO3	To help students to apply these learning's to find innovative solutions to the challenges students have identified in the first semester of the course in the services sector	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	
15					60	CO4	Lead innovation programs in the corporate and social organizations in services sectors.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	
15					60	CO5	Synthesise the learnings to apply to their own start ups	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	
16	SEM II	020143203 - PP	T2660	Sectorial Innovations - II	60	CO1	Critically understand the evolution of new and disruptive models in the services sector in the last few decades	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	
16					60	CO2	Research and learn factors that led to the emergences of services sectors in India	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
16					60	CO3	Apply these learning's to find innovative solutions to the challenges students have identified in the first semester of the course in the services sector.	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	
16					60	CO4	Lead innovation programs in the corporate and social organizations in services sectors.	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	
16					60	CO5	Analyze innovation programs in the corporate and social organizations in services sectors.	Strong-H	Strong-H	Weak-L	-	Weak-L	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	
17	SEM II	020143204 - PP	T2903	Internship	60	CO1	Will be able to analyse the data collected and Formulate Problem Statement	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	
17					60	CO2	Will be able to discuss problem and scout for solution	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	
17					60	CO3	Will be able to develop solution and discuss solution in detail	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	

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18	SEM II	020143205 - PP	T2008	Advanced Management Accounting	70	CO1	Enable students to distinguish and infer concepts of Management Accounting and be able to use them in their professional life	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	Strong-H	Strong-H
18					70	CO2	Be able to appraise and evaluate financial statements and cashflows using MA techniques like ratio analysis, trend analysis etc	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	-	-	Moderate-M	Moderate-M
18					70	CO3	Examine, evaluate and interpret concepts like CVP Analysis, Marginal Costing, Break Even analysis, Fixed and Flexible budgets to business decision making	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	-	-	Strong-H	Strong-H
18					70	CO4	Deduce the nuances and applicability of MIS concepts like Alternatives Decision making, Variances	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	-	-	Moderate-M	Moderate-M
18					70	CO5	Construct and propose the utility of MS Excel in understanding Risk and Uncertainty using What-If and Sensitivity etc	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	-	-	Moderate-M	Weak-L
19	SEM II	020143206 - PP	T2572	Human Resource Management	60	CO1	Explain the importance of human resources and their effective management for startups. Describe the meanings of terminology and tools used in managing employees effectively	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
19					60	CO2	Outline the current theory and practice of recruitment and selection. This includes but is not limited to the supply of human resources and the advantages and disadvantages of external and internal recruiting. Demonstrate the ability to prepare a selection strategy for a specific job. This includes researching the different interview processes and the advantages and disadvantages of the different types of interviews and the preparation of employment offers	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
19					60	CO3	"Develop, analyze and apply advanced training strategies and specifications for the delivery of training programs. List training and development needs for the 21st century Evaluate training programs using appropriate design and data collection procedure"	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H

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19					60	CO4	"State the significance of employee benefits to both employers and employees Evaluate a benefits package that supports the organization's strategy in line with HRM cost-containment policies and practices and Recommend actions based on results of the compensation analysis and design compensation schemes that are cost effective, that increase productivity of the work force, and comply with the legal framework"	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
19					60	CO5	"Define the concept of performance management and outline its role in contemporary organizations Explain the importance of the performance management system in enhancing employee performance Compare and contrast the different techniques involved in the performance appraisal process, for example, the giving and receiving of feedback"	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
20	SEM II	020143207-PP	T2643	Innovation and Entrepreneurship in India	60	CO1	Students will be able to understand evolution and growth of various sectors in India	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-
20					60	CO2	Students will be able to understand and analyse the macro and micro factors of Entrepreneurship in India	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-
20					60	CO3	Sudents will be able to analyze the startup ecosystem in India and apply the learning in their ideas	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
21	SEM II	020143208-PP	T2645	Lean Startup	60	CO1	Develop comprehensive understanding of Lean Startup Methodology concepts	Weak-L	-	Strong-H	Weak-L	Weak-L	Strong-H	-	-	Strong-H	-	Strong-H
21					60	CO2	Demonstrate application of Lean Startup Methodology Principles	-	Strong-H	Weak-L	Weak-L	-	-	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
21					60	CO3	Come up with innovative ideas and validate startup idea using Lean Startup techniques	-	Weak-L	Weak-L	Weak-L	-	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H
21					60	CO4	Learn the dynamics of leadership and team work while working on startups	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H

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21					60	CO5	Successfully articulate, communicate and present on their approach on how they went about problem solving with critical and analytical thinking using lean startup methods	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
22	SEM II	020143209 - PP	T2354	Social Entrepreneurship	60	CO1	To explain the field of social entrepreneurship	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H
22					60	CO2	To appraise corporate governance and financial structures for social enterprises	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
22					60	CO3	To explain marketing and branding strategies for social enterprises	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
22					60	CO4	To examine social impact of social enterprises contribution	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
22					60	CO5	To simplify social innovation	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H
23	SEM II	020143210 - PP	T2253	Strategic Management	60	CO1	Students should be able to understand the basics of strategic management and interpret the scope of a firm	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-
23					60	CO2	Students should be able to analyze aspects related to strategic management such as environment scanning, internal environment, core competence of a firm, RBV, and Value Chain Analysis	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	-	-
23					60	CO3	Students should be able to formulate corporate level strategies and business level strategies, and learn from MNC strategies.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-
23					60	CO4	Students should be able to analyze the implementation of strategy with relation to the culture and structure of the firm, and how to gain competitive advantage through innovation	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-
23					60	CO5	Students should be able to compare and contrast strategies related to change management decisions, while understanding the role of strategic leadership	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
24	SEM II	020143211 - PP	T4005	Project IV	60	CO1	Will be able to identify Business Idea in their particular area	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-
24					60	CO2	Analyze the existing literature to identify idea feasibility and research objectives.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-

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24					60	CO3	Prepare Research Design/Proposal for the identified objectives	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
24					60	CO4	Collecting, analysing data and report preparation	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	-	-
25	SEM II	020143211 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
25					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
25					60	CO3	To train students to perform First aid and CPR in an emergency	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	-	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
26	SEM III	020143301 - PP	T2617	Product Design	60	CO1	To provide a comprehensive overview of concepts and practices in Product Design and Development	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
26					60	CO2	Understand Service Design principles and processes	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
26					60	CO3	Apply Design Thinking to the Design process during designing a product	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
26					60	CO4	Understand importance of Packaging Design for Product Development	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-
26					60	CO5	Touch upon topics like sustainable design, history of product design, introduction to product design and development	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
27	SEM III	020143302 - PP	T1269	Basics of Intellectual Property and Business Law	60	CO1	The student should understand the legal framework applicable to their business	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	-	-
27					60	CO2	The student should be able to specify the regulatory authority and the underlying compliances.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
27					60	CO3	The student should be able to understand and appreciate the importance of intellectual property, the rights thereunder and protection thereof.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
27					60	CO4	The student should be able to understand the Securities Laws and the methods of raising capital.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-
27					60	CO5	The students should be able to understand the Labour Law regulations and their compliance.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
28	SEM III	020143303 - PP	T2607	Venture and Private Equity Funding	60	CO1	To gain an overview of funding a start-up in India including bank finance, both short-term and long-term & to understand the constraints/limitations of VC & PE funding a start-up in India	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
28					60	CO2	To map the process of venture capital funding and private equity funding in India; instruments & statutory provisions of SEBI especially for International Venture Capital Fund	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
28					60	CO3	To acquire knowledge of feasibility report and detailed project report and be in a position to give required inputs to consultants and finance personnel to complete these reports	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
28					60	CO4	To list out possible reasons for success and failure of start-ups in India through suitable examples	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
28					60	CO5	To prepare a matrix comparing the practices of VC & PE globally with happenings in India and draw up the due diligence process involved in VC & PE funding	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
29	SEM III	020143304 - PP	T3088	Management Information Systems	60	CO1	To make learners capable to evaluate the need and potential of different information systems in an organization and recommend suitable solutions.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
29					60	CO2	To study which factors are important for IS success in organizations	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
29					60	CO3	Integration between a TPS and an MIS	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
29					60	CO4	To understand how culture influences the development, deployment, and use of information systems in organizations	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
30	SEM III	020143305 - PP	T2193	Project Management	60	CO1	To understand / list and learn major aspects of project management	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	-	-
30					60	CO2	To discuss various concepts, tools & techniques of project management	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	-	-
30					60	CO3	To discuss various issues related to project planning and scheduling	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	-

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30					60	CO4	To discuss /state various issues in project evaluation.	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	-	-
30					60	CO5	To analyse and categorize the different risks involved in project management	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	-	-
31	SEM III	020143306 - PP	T2615	Marketing Strategy	60	CO1	This course is focused on helping you become a strategic marketer/Entrepreneur, so that you can create, gain support for and execute marketing plans that will build strong and enduring businesses.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-
31					60	CO2	There are three main course objectives. By the end of the quarter, you should be able to: -Think strategically about marketing	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
31					60	CO3	Use key frameworks to analyze situations and make decisions -	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
31					60	CO4	Understand how to create a strong marketing plan	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
31					60	CO5	Marketing Strategy is certainly valuable for people who are going into marketing. It is also useful for people who are going into finance, strategy, operations and other functions.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
32	SEM III	020143307 - PP	T2294	Conflict and Negotiation	60	CO1	To explain the fundamental concepts of conflicts in relation to business organizations.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
32					60	CO2	To describe the nature of conflicts in organization. Explain different types of conflicts and its relevance in the context of business.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-
32					60	CO3	To apply the practical skills required to resolve conflicts through negotiations	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-
32					60	CO4	To analyse conflict in the light of negotiation tactics	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
32					60	CO5	To evaluate the practical skills required to resolve conflicts through negotiations	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
33	SEM III	020143308 - PP	T2606	Finance Strategy	60	CO1	1. Develop an analytical/practical approach to corporate fin decision making	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-
33					60	CO2	2. Apply & analyse the concepts in real life situations.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-

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33					60	CO3	3. Compare and Appraise various theories related to different concepts.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	
33					60	CO4	4. Evaluate various theories related to different concepts.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	
33					60	CO5	5. Determine and Recommend improvements based on the concepts taught.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	
34	SEM III	020143309 - PP	T2904	Internship	60	CO1	Develop knowledge in core areas of business based on current research and best practice.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	
34					60	CO2	Utilize qualitative and quantitative methods for effective decision making and to overcome critical business challenges.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	
34					60	CO3	Identify new business opportunities and innovate at the workplace.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	
34					60	CO4	Develop a world view that understands and appreciates a real time business context.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	
34					60	CO5	Demonstrate Leadership and Team work capabilities in multidisciplinary settings.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	
35	SEM III	020143311 - PP	T2802	Project VI	60	CO1	Develop knowledge in core areas of business based on current research and best practice.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	
35					60	CO2	Utilize qualitative and quantitative methods for effective decision making and to overcome critical business challenges.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	
35					60	CO3	Identify new business opportunities and innovate at the workplace.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	
35					60	CO4	Will be able develop a design	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	
36	SEM IV	020143401 - PP	T2661	Innovation Lab I	60	CO1	The students will be able to Plan all finance, Hr, Marketing and operational aspects of Business acceptance of the innovative solution.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
36					60	CO2	The students will be able to Examine basic financial statement required in business students will be able validate whether customers accept and value the solution.	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
36					60	CO3	students will be able Evaluate whether customers accept and value the solution.	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
36					60	CO4	The students will be able to learn how to develop final solution that is acceptable and valuable to the customer.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
36					60	CO5	The students will be able to test/prototype in small scale	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H
37	SEM IV	020143402 - PP	T2662	Innovation Lab II (New Venture Planning)	60	CO1	The students will be able to Plan all finance, Hr, Marketing and operational aspects of Business acceptance of the innovative solution.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
37					60	CO2	The students will be able to Examine basic financial statement required in business students will be able validate whether customers accept and value the solution.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
37					60	CO3	students will be able Evaluate whether customers accept and value the solution.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
37					60	CO4	The students will be able to learn how to develop final solution that is acceptable and valuable to the customer.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
37					60	CO5	The students will be able to test/prototype in small scale	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
38	SEM IV	020143403 - PP	T2253	Strategic Management	60	CO1	Analyze aspects related to strategic management such as environment scanning	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
38					60	CO2	Interpret the scope of a firm and the formulation of corporate level strategies	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
38					60	CO3	Analyze the core competence of a firm and interpret decisions related to diversification and value chain decisions	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
38					60	CO4	Analyze the implementation of strategy with relation to the culture and structure of the firm	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	-	Weak-L	Weak-L
38					60	CO5	Compare and contrast strategies related to change management decisions	Strong-H	Weak-L	-	Moderate-M	-	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
39	SEM IV	020143404 - PP	T2189	Operations Strategy and Control	60	CO1	The Student should be able to link business strategy with strategy of production operations in variety of production environments	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H

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39					60	CO2	Will develop an overall understanding of different approaches and techniques needed to schedule, control, measure and evaluate the effectiveness of production operations and apply these in practical situation	Strong-H	Weak-L	Strong-H	-	-	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
39					60	CO3	Students will be able to develop and implement strategic goals of production process	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
39					60	CO4	Students will be able to demonstrate the ability to analyze relationship of existing and emerging systems and technologies to the manufacturing strategy and induct the same in their production environment	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M
39					60	CO5	Will be able to select appropriate KPI from various production performance measurement models.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H
40	SEM IV	020143405 - PP	T2804	Project VII	60	CO1	Interpret the strategies for the project	Strong-H	-	Moderate-M	Moderate-M	Weak-L	-	-	Strong-H	Strong-H	Strong-H	Strong-H
40					60	CO2	To conduct analysis of the same industry and start-ups under it in three countries	Strong-H	Strong-H	Weak-L	-	Weak-L	-	Strong-H	-	Moderate-M	Moderate-M	Strong-H
40					60	CO3	To conduct analysis of start-ups belonging to the same industry in India, which have been set up in the last 5-10 years	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Business Management, Pune Programme Name : Master of Business Administration (Executive)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO1	Develop knowledge in core areas of business based on current research and best practice.
2	GA2	Global citizenship: ethical, social and professional understanding	PO2	Utilize qualitative and quantitative methods for effective decision making and to overcome critical business challenges.

3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	Develop a world view that understands and appreciates a global cross-cultural business context.
4	GA3	Eco-literate: sensitivity towards a sustainable environment	PO4	Identify new business opportunities and innovate at the workplace.
5	GA2	Global citizenship: ethical, social and professional understanding	PO5	Apply management practices in the context of societal, health, safety, legal, and cultural issues with a concern for the environment.
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	Communicate effectively as a manager under different situations with all stakeholders.
7	GA2	Global citizenship: ethical, social and professional understanding	PO7	Demonstrate Leadership and Team work capabilities in multidisciplinary settings.
8	GA2	Global citizenship: ethical, social and professional understanding	PO8	Engage in independent and life-long learning and take up challenging assignments for selfdevelopment.
9	GA3	Eco-literate: sensitivity towards a sustainable environment	PO9	Integrate ethical considerations while taking business decisions.
10	GA1	Scholarship: research, inquiry and lifelong learning	PO10	Prepare the students for an excellent corporate career ahead with a strong value system and ethical conduct to bring positive change in organization, economy & society.
11	GA2	Global citizenship: ethical, social and professional understanding	PO11	Apply the knowledge of management concepts to solve complex corporate problems within available resources.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
1	SEM I	020148101 - PP		Economics for Managers	60	CO1	To discuss the definitions, evolution, nature and scope of Economics	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M
1					60	CO2	To help students understand the relevance and significance of Economics in managerial decision making	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
1					60	CO3	To understand inter-linkage between microeconomic variables through Microeconomic theories	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
1					60	CO4	To perform demand forecasting	Strong-H	Strong-H	-	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
1					60	CO5	To explain the micro-economic environment of a firm	Strong-H	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
2	SEM I	020148102 - PP		Marketing Management	60	CO1	Apply the fundamental concepts of marketing to the industry.	-	Weak-L	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO2	Examine the marketing perspectives essential for all managers today.	Weak-L	Weak-L	-	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO3	Explain the concept of value in the context of marketing.	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	-	Strong-H	Strong-H
2					60	CO4	Analyze the marketing strategies of companies.	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
2					60	CO5	Experiment with out of the box thinking which will help them to develop innovative marketing strategies.	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M

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3	SEM I	020148103 - PP		Human Resource Management	60	CO1	Explain the importance of human resources and their effective management in organizations. Describe the meanings of terminology and tools used in managing employees effectively	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
3					60	CO2	Outline the current theory and practice of recruitment and selection. This includes but is not limited to the supply of human resources and the advantages and disadvantages of external and internal recruiting. Demonstrate the ability to prepare a selection strategy for a specific job. This includes researching the different interview processes and the advantages and disadvantages of the different types of interviews and the preparation of employment offers	Strong-H	-	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Weak-L	Strong-H	Strong-H	Strong-H
3					60	CO3	"Develop, analyze and apply advanced training strategies and specifications for the delivery of training programs. List training and development needs for the 21st century Evaluate training programs using appropriate design and data collection procedure"	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
3					60	CO4	"State the significance of employee benefits to both employers and employees Evaluate a benefits package that supports the organization's strategy in line with HRM cost-containment policies and practices and Recommend actions based on results of the compensation analysis and design compensation schemes that are cost effective, that increase productivity of the work force, and comply with the legal framework"	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
4	SEM I	020148104 - PP		Management of Operations	60	CO1	The students will be able to analyze the field of Service Operations and the challenges therein along with Contemporary Developments in the sector	-	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
4					60	CO2	Discuss the Service Strategy, Service Package, Service Blue Print and the factors involved in classifying ,structuring and locating Service Operations	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H

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4					60	CO3	Analyze Service Encounters , Design service quality measurements to build customer satisfaction and loyalty and evaluate the effectiveness and effectiveness of customer service offerings in addition to complaint handling	Strong-H	Strong-H	Strong-H	Weak-L	-	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
4					60	CO4	The students will be able to explain the various models of waiting lines , queuing, inventory models in services and evaluate the role of technology in Services	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M
4					60	CO5	The students will be able to appraise the demand and capacity planning strategies, yield management concept and evaluate World class Services	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	-	Weak-L	Moderate-M	Moderate-M	Moderate-M
5	SEM I	020148105 - PP		Management Accounting	60	CO1	Student will be able to explain the introduction to Fundamentals of Management Accounting	Strong-H	Strong-H	Weak-L	Strong-H	-	Strong-H	Moderate-M	Strong-H	-	Strong-H	Strong-H
5					60	CO2	Student will be able to decide on the presentation of Data in Format of Cost Sheet for Managerial Planning, Decision Making and Controlling	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H
5					60	CO3	Student will be able to analyse & interpret the Financial Statements to arrive at Decisions	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
5					60	CO4	Student will be able to analyze the Management Accounting Tools & Techniques : Marginal Costing	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
5					60	CO5	Student will be able to explain the Budgetary Control & Variance Analysis	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
6	SEM I	020148106 - PP		Research Methodology	60	CO1	To enable students comprehend research issues	Strong-H	Strong-H	-	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Strong-H
6					60	CO2	to enable students to identify research questions and formulations	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
6					60	CO3	To equip students with various techniques of research design and data collection	Weak-L	Strong-H	Weak-L	Weak-L	-	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
6					60	CO4	To enable students to synthesize qualitative and quantitative data crunching techniques	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M

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6					60	CO5	to understand the statistical analysis and software usage in research	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
7	SEM I	020148107 - PP		Legal Aspects of Business	60	CO1	The student should be able to specify the regulatory authority and the underlying compliances.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	-	-	Strong-H	Weak-L	Strong-H
7					60	CO2	The student should be able to explain the importance of intellectual property, the rights thereunder and protection thereof.	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	-	Strong-H	Strong-H
7					60	CO3	The student should be able to evaluate the Corporate Laws that govern all the organizations in India	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	-	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
7					60	CO4	The student should be able to evaluate the Corporate Laws that govern all the organizations in India	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
7					60	CO5	The students should be able to explain about the Consumer centric laws, including but not limited to, consumer protection, competition commissions et al	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	-	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H
8	SEM II	020148201 - PP		Supply Chain Management	60	CO1	The Student should be able to Create a Supply chain STRATEGY and DESIGN to support Business strategy	Strong-H	Strong-H	-	Moderate-M	-	-	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
8					60	CO2	Analyse PLANNING components and Develop integrated working across the Supply Chain. The S&OP process	Strong-H	Strong-H	-	Weak-L	-	-	Weak-L	Moderate-M	-	Strong-H	Strong-H
8					60	CO3	Analyse and improve DEMAND MANAGEMENT accuracy & the Supply capability to meet the same in a Lean Supply Chain	Strong-H	Strong-H	-	Weak-L	-	-	Weak-L	Moderate-M	-	Strong-H	Strong-H
8					60	CO4	Analyse and evaluate INVENTORY norms and options for Inbound and DISTRIBUTION network so as to decouple and effectively manage variation	Strong-H	Strong-H	Moderate-M	Weak-L	-	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H
8					60	CO5	Evaluate and make PURCHASING Decisions and impact on Profitability to improve supply chain competitiveness	Moderate-M	Strong-H	Moderate-M	Weak-L	-	Strong-H	Strong-H	Moderate-M	-	Strong-H	Strong-H
9	SEM II	020148202 - PP		Management Information Systems	60	CO1	Analyze the four components of MIS and its hierarchical, process and functional perspectives. Understand the Gorry and Scott-Morton Framework of MIS	Strong-H	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	Weak-L	Weak-L	Strong-H	Strong-H

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9					60	CO2	Evaluate the evolution of MIS from batch systems to TPMS, MRP, MRP II, ERP and beyond	Strong-H	Strong-H	Weak-L	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H
9					60	CO3	Assess the MIS value chain	Strong-H	Strong-H	Weak-L	Strong-H	-	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
9					60	CO4	Classify the different types of Information systems used in a business organisation like KMS, EIS, BIS, DSS, SCM, CRM, etc.	Strong-H	Strong-H	Weak-L	Strong-H	-	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
9					60	CO5	Design the development and Implementation aspects of MIS. Understand the dimensions of IS integration and Enterprise systems	Strong-H	Strong-H	Weak-L	Strong-H	-	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
10	SEM II	020148203 - PP		Organizational Behaviour	60	CO1	CO1	Strong-H	-	-	-	-	-	-	-	-	-	-
10					60	CO2	co2	-	Moderate-M	-	Weak-L	-	-	-	-	-	-	-
10					60	CO3	co3	-	-	Weak-L	-	-	-	-	-	-	-	-
10					60	CO4	Analyze the complexities associated with management of the group behavior in the organization.	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H
10					60	CO5	Demonstrate how the organizational behavior can integrate in understanding the motivation (why) behind behavior of people in the organization.	-	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
11	SEM II	020148204 - PP		Basic Business Statistics for Data Analysis	60	CO1	To analyze the basic concept of data in statistics and the various ways by which it can be interpreted and analysed	Strong-H	Strong-H	-	Moderate-M	-	-	Weak-L	Strong-H	-	Strong-H	Strong-H
11					60	CO2	To analyse, and apply the different measures of central tendency	Strong-H	Strong-H	-	Weak-L	-	-	Weak-L	Strong-H	-	Strong-H	Strong-H
11					60	CO3	To analyse, and apply the different measures of central dispersion	Strong-H	Strong-H	-	Weak-L	-	-	Weak-L	Strong-H	-	Strong-H	Strong-H
11					60	CO4	To examine an understanding of probability and data distributions	Strong-H	Strong-H	-	Weak-L	-	-	Weak-L	Strong-H	-	Strong-H	Strong-H
11					60	CO5	To understand and obtain a grasp of bivariate data analytical techniques such as covariance, correlation, and regression	Strong-H	Strong-H	-	Weak-L	-	-	Weak-L	Strong-H	-	Strong-H	Strong-H
12	SEM II	020148205 - PP		Conflict and Negotiation	60	CO1	To explain the fundamental concepts of conflicts in relation to business organizations.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L

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12					60	CO2	To describe the nature of conflicts in organization. Explain different types of conflicts and its relevance in the context of business.	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
12					60	CO3	To apply the practical skills required to resolve conflicts through negotiations	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
12					60	CO4	To analyse conflict in the light of negotiation tactics	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
12					60	CO5	To evaluate the practical skills required to resolve conflicts through negotiations	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
13	SEM II	020148206 - PP		Introduction to Financial Management	70	CO1	Enable students to distinguish and infer concepts of Financial Management and be able to use them in their professional life	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	Strong-H	Strong-H
13					70	CO2	Be able to appraise and evaluate financial investments using techniques like NPV, IRR etc	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	-	-	Moderate-M	Strong-H
13					70	CO3	Examine, evaluate and interpret concepts like Valuation, Leverages, Time Value of Money etc	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	-	-	Strong-H	Strong-H
13					70	CO4	Deduce the nuances and applicability of Financial Management concepts to real life case studies from HBS	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	-	-	-	-
13					70	CO5	Construct and propose the utility of various FM concepts in real life decision making	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	-	-	Moderate-M	Weak-L
14	SEM II	020148207 - PP		R Programming	60	CO1	Students will be able to write R scripts to do data analysis	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
14					60	CO2	Students will be able to do data analysis using R programming	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
14					60	CO3	Students will be able to do statistical analysis using R	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
14					60	CO4	Students will be able to retrieve data from various sources and draw graphs and charts using R	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
14					60	CO5	Students should be able to do data visualization	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
15	SEM II	020148208 - PP		Data Driven Decision Making	60	CO1	Analyze the process of Data Driven Decision Making	Moderate-M	Strong-H	-	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H
15					60	CO2	Examine the nature of business data	Moderate-M	Strong-H	-	Moderate-M	-	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H
15					60	CO3	Evaluate the basic concepts of DBMS	Moderate-M	Strong-H	-	Moderate-M	-	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H

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15					60	CO4	Map business organisations data requirements using ERD and DFD	Moderate-M	Strong-H	-	Moderate-M	-	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Strong-H
15					60	CO5	Elaborate the use of software tools (Excel) for capturing and analysing data	Moderate-M	Strong-H	-	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H
16	SEM III	020148305 - PP		Business Analytics	60	CO1	be familiar with the concepts of business analytics	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
16					60	CO2	Understand and apply descriptive and predictive analytical techniques and evaluate business situations	Strong-H	-	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO3	Solve business problems using prescriptive analytical techniques	Strong-H	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
16					60	CO4	To equip students to critically evaluate business situations and analyze business data for decision making	Weak-L	-	Weak-L	Strong-H	Weak-L	-	Strong-H	-	Moderate-M	Moderate-M	Moderate-M
16					60	CO5	To enable students to synthesize concepts of data mining and business intelligence, understand the usefulness and limitations of business analytics	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
17	SEM III	020148307 - PP		Management Information Systems	60	CO1	Analyze the four components of MIS and its hierarchical, process and functional perspectives. Understand the Gorry and Scott-Morton Framework of MIS	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H
17					60	CO2	Evaluate the evolution of MIS from batch systems to TPMS, MRP, MRP II, ERP and beyond	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H
17					60	CO3	Assess the MIS value chain	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
17					60	CO4	Classify the different types of Information systems used in a business organisation like KMS, EIS, BIS, DSS, SCM, CRM, etc.	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L
17					60	CO5	Design the development and Implementation aspects of MIS. Understand the dimensions of IS integration and Enterprise systems	Strong-H	Strong-H	-	Strong-H	Weak-L	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H
18	SEM III	020148309 - PP		Business Transformation & Organisational Turn around	60	CO1	Develop managerial skills to assess situations in which business unit finds itself in crisis	-	Moderate-M	Moderate-M	Strong-H	Weak-L	-	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
18					60	CO2	Examine different functional domain knowledge and devise a turnaround strategy for the business unit	Weak-L	Strong-H	Weak-L	Strong-H	-	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H

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18					60	CO3	Analyse and implement strategies to make the business unit more competitive and a profitable enterprise	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-
18					60	CO4	Evaluate challenges faced by decision makers in turning around a dying investment	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
18					60	CO5	Apply contemporary and practical business tools that are successful in transforming the business	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	-	Strong-H	Moderate-M	Moderate-M	Moderate-M
19	SEM III	020148301 - PP		Sales Force and Channel Management	60	CO1	Application based knowledge in Sales Force and Channel Management.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H
19					60	CO2	Study of the tools and techniques necessary for designing , motivating and evaluating Sales force and Channel Management systems	Strong-H	Strong-H	Strong-H	Strong-H	-	-	Strong-H	Strong-H	-	Strong-H	-
19					60	CO3	Analyze, differentiate and apply Domestic and Global Sales and distribution practices	-	Weak-L	Weak-L	-	Strong-H	-	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H
20	SEM III	020148302 - PP		Learning and Development	60	CO1	Analyse the principles of learning and instructional system design in designing and developing a training program	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
20					60	CO2	Critique the process of learning and development as a part of talent management and organizational development process	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
20					60	CO3	Design different training methodologies and be able to critically analyse various learning models	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
21	SEM III	020148303 - PP		Introduction to Financial Markets and Institutions	60	CO1	To understand the basic concept of the financial markets and financial institutions.	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
21					60	CO2	To apply the relevant concepts to affects to the current events or topical issues.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
21					60	CO3	To compare and contrast the various financial markets and instruments on the basis of risk and return.	-	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
21					60	CO4	Evaluate empirical evidence of market performance, and contrast it with theories of market performance.	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H

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21					60	CO5	Analyse and research how issues related to financial markets and institutions affect or are affected by the global and local communities.	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
22	SEM III	020148304 - PP		Project Management	60	CO1	To understand and learn major aspects of project management	Strong-H	Strong-H	Strong-H	-	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H
22					60	CO2	To discuss various concepts, tools & techniques of project management	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	-	Strong-H	Weak-L
22					60	CO3	To discuss various issues related to project planning and scheduling	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
22					60	CO4	To discuss various issues in project evaluation.	Weak-L	Strong-H	Weak-L	Weak-L	-	Moderate-M	-	-	Strong-H	Strong-H	Strong-H
22					60	CO5	To analyze and categorize the different risks involved in project management	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
23	SEM III	020148306 - PP		Strategic Management	60	CO1	Students should be able to understand the basics of strategic management and interpret the scope of a firm	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
23					60	CO2	Students should be able to analyze aspects related to strategic management such as environment scanning, internal environment, core competence of a firm, RBV, and Value Chain Analysis	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
23					60	CO3	Students should be able to formulate corporate level strategies and business level strategies	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
23					60	CO4	Students should be able to analyze the implementation of strategy with relation to the culture and structure of the firm	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
23					60	CO5	Students should be able to compare and contrast strategies related to change management decisions	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
24	SEM III	020148308 - PP		Design Thinking	60	CO1	Students will be able to understand and comprehend the basics of Design Thinking and its applications	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H
24					60	CO2	Students will be able to analyze the strategic advantages of using Design Thinking in various business domains	Strong-H	Weak-L	-	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
24					60	CO3	Students will be able to research, work and learn in groups to experience the various phases of the Design Thinking process.	-	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	Strong-H	Strong-H	-

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24					60	CO4	Students will be able to analyze, synthesize and create an industry based prototype using the Design Thinking process	-	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
24					60	CO5	Students will be able to adapt the prototype to the industry/societal real-life challenges	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H
25	SEM IV	020148401 - PP		Project	60	CO1	The Student should be able to analyze and evaluate Servitization as a Value chain and identify the requirement of SCM in servitized environment.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
25					60	CO2	The student will enhance his skill of taking interviews with particular objective in mind and will be able to derive generalised principles involved in the project area-servitization and its issues	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
25					60	CO3	Student will develop the attributes of conveying ideas, maintaining time schedule, necessary soft skill to interact with top management	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
26	SEM IV	020148402 - PP		International Marketing	60	CO1	Develop a world view that understand and appreciates a global cross cultural business context.	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	-	-	Moderate-M	Moderate-M	Moderate-M
26					60	CO2	Identify new global opportunities and apply at workplace	Strong-H	Strong-H	-	Weak-L	-	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
26					60	CO3	Develop knowledge of global business, culture and apply it in the workplace	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H
26					60	CO4	Apply management practices in the context of different political and economic scenario.	Strong-H	Strong-H	-	Weak-L	-	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H
26					60	CO5	To integrate the local and global learnings to handle the various portfolios in real life scenario.	-	Strong-H	Strong-H	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
27	SEM IV	020148403 - PP		Business to Business Marketing	60	CO1	Students will be able to analyze the knowledge of the competitive realities of the B2B marketplace & the importance of relationship management	Moderate-M	-	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	-	Strong-H

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27					60	CO2	Students will be able to evaluate the complexity of cross-functional decision-making processes prevalent in B2B situations by studying organizations' buying behaviour and procurement practices	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	Weak-L	-	Weak-L
27					60	CO3	Students will be able to analyse B2B markets. To select target market segments & develop "value propositions" & "positioning" strategies	-	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
27					60	CO4	Students will be able to monitor and predict environmental influences in the B2B Marketplace	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
27					60	CO5	Students will be able to formulate the Marketing Mix: product or service, channels of distribution, pricing personal selling, advertising, and sales promotion	Moderate-M	-	-	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Strong-H
28	SEM IV	020148404 - PP		Customer Relationship Management	60	CO1	Analyze the concepts of customer relationship management in a dynamic environment.	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H
28					60	CO2	Create a CRM strategy by using CRM building blocks	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
28					60	CO3	Analyze CRM framework and its effective planning and implementation	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
28					60	CO4	Evaluate challenges faced by organization during implementation of CRM program	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
28					60	CO5	Designing of relationship strategy in order to gain competitive advantage in competitive market	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
29	SEM IV	020148405 - PP		Integrated Marketing Communication	60	CO1	Student should be able to demonstrate the understanding and significance of IMC	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
29					60	CO2	Student should be able to distinguish between the various tools of IMC and types of media with their Pros and Cons	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
29					60	CO3	Student should be able to examine the process of planning MARCOM	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
29					60	CO4	Student should be able to plan IMC campaigns	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	
29					60	CO5	Student should be able to critically discuss and analyse case studies in IMC planning	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	
30	SEM IV	020148406 - PP		Product Management	60	CO1	Analyze the Role of Product Manager and Product Management Function	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
30					60	CO2	Analyze the Importance and Methodology of Customer, Competitive and Category Analysis	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
30					60	CO3	Define and Develop Product Strategy	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	
30					60	CO4	Create the process of Product Portfolio Management and New Product Development	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
30					60	CO5	Appreciate the importance of Product as one of the 4 P's from among other in the marketing mix	Moderate-M	Weak-L	-	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
31	SEM IV	020148407 - PP		Brand Management	60	CO1	The course will enable students to illustrate on brand equity concept and advantages of creating a strong brand.	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
31					60	CO2	Students will understand the importance of brand elements, designing marketing programs.	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
31					60	CO3	Students will develop an understanding of different approaches to measure brand equity.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
31					60	CO4	Students will discover the importance of brand hierarchies and brand portfolios.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
31					60	CO5	The course will create an understanding towards branding strategies.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
32	SEM IV	020148413 - PP		Advanced Corporate Finance	60	CO1	Develop an analytical/practical approach to Advanced Corporate Finance decision making	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	
32					60	CO2	Apply & analyse the concepts in real life situations.	Weak-L	Strong-H	Strong-H	-	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	
32					60	CO3	Compare and Appraise various theories related to different concepts.	Weak-L	Strong-H	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
32					60	CO4	Evaluate various theories related to different concepts.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
32					60	CO5	Determine and Recommend improvements based on the concepts taught.	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
33	SEM IV	020148414 - PP		Derivative Markets	60	CO1	Describe what is derivatives instruments, its important types and important markets in which derivatives instruments are traded	Strong-H	Strong-H	Weak-L	-	Moderate-M	-	-	Moderate-M	Moderate-M	Moderate-M	Strong-H
33					60	CO2	Explain how the trading of the derivative instruments is done, what profit-making strategies are and how to practically implement them	Moderate-M	-	Moderate-M	Weak-L	-	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H
33					60	CO3	Apply concepts of derivatives for risk hedging, arbitrage and related investment strategies	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
33					60	CO4	Apply the profitable trading strategies using derivatives	Strong-H	Strong-H	-	Weak-L	-	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L
33					60	CO5	Measure the valuation of different derivative instruments	-	Weak-L	-	Moderate-M	-	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H
34	SEM IV	020148415 - PP		Security Analysis and Portfolio Management	60	CO1	Examining the Significance of Fundamental & Technical Analysis	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
34					60	CO2	Evaluate Risk and Returns of Portfolios	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
34					60	CO3	Determining the Differences between Traditional & Modern Portfolio Management	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
34					60	CO4	Appraise various Theories of Portfolio Management	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
34					60	CO5	Create an analysis of Markets for Effective Portfolio Management	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
35	SEM IV	020148416 - PP		Project and Infrastructure Finance	60	CO1	Student should be able to analyze the details & Significance of projects	Strong-H	-	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H
35					60	CO2	Student should be able to appraise a project from various angles	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H
35					60	CO3	Student should be able to examine and Estimate project cost, calculate cash inflows	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
35					60	CO4	Student should be able to evaluate a project in terms of its feasibility, profitability	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Moderate-M
35					60	CO5	Student should be able to make a plan for raising the finance for project including various financing options for infrastructure projects, evaluate risk factors in projects & be able to understand Contractual Structures Underlying Infrastructure Projects	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
36	SEM IV	020148417 - PP		International Finance	60	CO1	Students will be able to analyze the basics of Finance and differentiate between International Finance and Domestic Finance	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Strong-H
36					60	CO2	Students will be able to correlate between Economics (Balance of Payment) and International Finance	Weak-L	Weak-L	Weak-L	-	Strong-H	Strong-H	Weak-L	Weak-L	-	Weak-L	Weak-L
36					60	CO3	Students will be able to examine the Exchange Rate, Interest rate & Inflation Rate its types, how are they regulated and forecasted. How Government intervenes in controlling Exchange rate of the country.	Strong-H	Strong-H	Weak-L	-	Weak-L	-	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H
36					60	CO4	Students will be able to evaluate Foreign Exchange market, Risk involved in foreign exchange and the various methods to hedge the risk.	Strong-H	Strong-H	Strong-H	-	Weak-L	Weak-L	-	Strong-H	-	Weak-L	Weak-L
36					60	CO5	Students will be able to assess various International Sources of Funds and how to take decision with regards to International finance. Accounting and Global reporting	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	-	Strong-H	Weak-L	Strong-H	Strong-H
37	SEM IV	020148418 - PP		Operations Research	60	CO1	To enable learners to analyze the evolution of Operation research and its significances in businesses	Strong-H	Strong-H	Weak-L	Weak-L	-	-	Weak-L	-	-	Strong-H	Strong-H
37					60	CO2	To enable learners to formulate operations research models encountered in businesses	Strong-H	Strong-H	Weak-L	Weak-L	-	Moderate-M	Weak-L	Moderate-M	-	Strong-H	Strong-H
37					60	CO3	To enable learners to analyze business problems using the power of well- known operational research tools and techniques	Strong-H	Strong-H	Weak-L	Moderate-M	-	Moderate-M	Weak-L	Moderate-M	-	Strong-H	Strong-H
37					60	CO4	To enable learners the data interpretation and decision making	Moderate-M	Strong-H	-	Weak-L	-	Weak-L	Weak-L	Moderate-M	-	Strong-H	Strong-H
37					60	CO5	To enable learners implementation of Operations research models	Weak-L	Strong-H	-	Moderate-M	-	Moderate-M	Weak-L	Strong-H	-	Strong-H	Strong-H
38	SEM IV	020148419 - PP		Logistics Management	60	CO1	Students will be able to formulate Logistics Strategy	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
38					60	CO2	Students will be able to select the site for the warehouse and the mode of transport through use of various methods	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Moderate-M	-	Moderate-M	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
38					60	CO3	Students will be able to evaluate the risk in Logistics and decide on the methods to treat the risks	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M
38					60	CO4	Students will be able to analyze the basics of Insurance, packaging aspects in Logistics. To learn the basics of Import Export Management and clearance procedures	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H
38					60	CO5	Students will be able to set the performance matrix in Logistics and finalise KRAs and KPIs for the Logistics function	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M
39	SEM IV	020148420 - PP		Service Operations Management	60	CO1	To introduce the overview of service operations, service package concept and Competitive Strategy in Service Operations.	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M
39					60	CO2	To discuss various factors in structuring the services operations including Service Delivery Model, Service facility location and importance of site considerations and overview of Modelling techniques.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
39					60	CO3	To discuss various factors of managing the service operations including the Service encounter triad, Service Profit Chain and concept of service quality by design and service recovery techniques.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
39					60	CO4	To introduce and discuss the concept of Capacity and Demand in Service operations	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
39					60	CO5	To introduce and discuss the concept and Theory of Queuing in service operations.	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H
40	SEM IV	020148421 - PP		Business Statistics	60	CO1	To analyze the basic concept of data in statistics and the various ways by which it can be interpreted and analysed	Strong-H	Strong-H	-	Moderate-M	-	-	Weak-L	Strong-H	-	Strong-H	Strong-H
40					60	CO2	To analyse, and apply the different measures of central tendency	Strong-H	Strong-H	-	Weak-L	-	-	Weak-L	Strong-H	-	Strong-H	Strong-H
40					60	CO3	To analyse, and apply the different measures of central dispersion	Strong-H	Strong-H	-	Weak-L	-	-	Weak-L	Strong-H	-	Strong-H	Strong-H
40					60	CO4	To examine an understanding of probability and data distributions	Strong-H	Strong-H	-	Weak-L	-	-	Weak-L	Strong-H	-	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
42					60	CO5	Make effective presentations & become a good communicator with cross cultural sensitivity/diversity/inclusivity	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	Strong-H
43	SEM V	020148508 - PP		Project V	60	CO1	Will be able to confirm problem statement/ idea and solution developed	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
43					60	CO2	Will be able develop a design	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
43					60	CO3	Will be able to develop a proto type	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
44	SEM V	020148501 - PP		Research Project	60	CO1	Will be able to enhance their knowledge in carrying out research on the topic chosen	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H
44					60	CO2	They will be able to synthesise qualitative and quantitative data crunching techniques	Weak-L	-	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H
44					60	CO3	They will comprehend various research issues related to Ethics in research	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
45	SEM V	020148503 - PP		Corporate Governance and Ethics	60	CO1	Understand key legal and regulatory obligations imposed on corporations;	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
45					60	CO2	Interpret the accountability hierarchy from a corporate governance perspective	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
45					60	CO3	Review issues involved in addressing litigation risks in corporate governance and regulatory contexts	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-
45					60	CO4	Use ethical theories and frameworks to analyze ethical dilemmas in business and resolve practical problems	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
45					60	CO5	Identify different stakeholders and understand why they may hold differing perspectives on ethical issues.	-	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
46	SEM V	020148504 - PP		Leadership and Capacity Building	60	CO1	Help individuals understand how to develop their leadership capabilities to influence various facets of organizational life.	-	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
46					60	CO2	"Analyze and evaluate different sources of power and influence to enhance one's own growth and growth of one' team. "	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
46					60	CO3	"Evaluating the difference between a successful manager and an ethical leader. "	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	
50	SEM V	LIB - PP		Library	60	CO1	Students will read for pleasure and personal growth.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
50					60	CO2	Students take personal responsibility to understand and practice positive and responsible digital citizenship.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
50					60	CO3	be able to define their own reading interests and preferences;	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Business Management, Pune Programme Name : Post Graduate Diploma in Marketing Management

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
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Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Business Management, Pune Programme Name : Post Graduate Diploma in Financial Management

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
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Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Business Management, Pune Programme Name : Post Graduate Diploma in Innovation and Corporate Entrepreneurship

Sr. No.	GA No.	Graduate Attributes						PO No.	Programme Outcomes										
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Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Business Management, Pune Programme Name : Post Graduate Diploma in Supply Chain and Operations Management

Sr. No.	GA No.	Graduate Attributes						PO No.	Programme Outcomes										
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Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Business Management, Pune Programme Name : Diploma in Business Management

Sr. No.	GA No.	Graduate Attributes						PO No.	Programme Outcomes										
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Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA2	Global citizenship: ethical, social and professional understanding	PO1	Domain knowledge-Apply domain knowledge progressively by understanding international business processes and practices.
2	GA2	Global citizenship: ethical, social and professional understanding	PO2	Ethics - Practice value-based learning by understanding and demonstrating ethical practices through sustained efforts
3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	Managerial Skills-Exhibit managerial skills to solve local and global business complexities
4	GA2	Global citizenship: ethical, social and professional understanding	PO4	Global competencies -Demonstrate global competence, cultural sensitivity and adaptability to face the challenges of international business environment.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Industry Readiness-Perform in accordance with industry expectations and serve society at large.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
1	SEM I	020241101 - PP	T2217	Business Statistics	60	CO1	students will be able to present, analyze and interpret data.	Strong-H	-	Strong-H	Strong-H	Strong-H
1					60	CO2	students will be able to apply statistical, analytical skills to enable them to make the optimum decisions.	-	-	Moderate-M	Strong-H	Strong-H
1					60	CO3	students will be able to calculate different statistical tools and its use in decision making.	Strong-H	-	Strong-H	Strong-H	Strong-H
1					60	CO4	students will be able to draw inferences from samples collected from large data sets.	Moderate-M	-	-	-	-
1					60	CO5	students will be able to understand the significance of univariate and multivariate statistical techniques and their applications in different business domains.	Strong-H	Strong-H	-	Moderate-M	Moderate-M
2	SEM I	020241102 - PP	T6069	Economics for Managers	60	CO1	Ability to understand basic functions of the economy and market Mechanism	Strong-H	Strong-H	Strong-H	-	-
2					60	CO2	Evaluate and differentiate markets and analyze product and price functions	-	-	Strong-H	Strong-H	-
2					60	CO3	Analyze monetary policy in the view of inflation	-	Moderate-M	-	Moderate-M	-
2					60	CO4	Compare the changes in fiscal policy	-	-	Strong-H	-	-
2					60	CO5	Identify the changes in Balance of payments and the impact of CAD on rupee value	-	Moderate-M	-	-	-
3	SEM I	020241103 - PP	T2898	Export Import Management	60	CO1	Apply knowledge of Export and Import in formulating strategies in international trade	Strong-H	-	Strong-H	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
3					60	CO2	Identify factors affecting foreign trade policies, especially with focus on the current scenario	-	-	Strong-H	Strong-H	-
3					60	CO3	Analyze the basic operation of the components of a Logistics system	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M
4	SEM I	020241104 - PP	T3439	Advance Data Driven Decision Making	60	CO1	To Understand and recognize the significance of data and data analysis in the Business Scenarios for facilitating decision making by managers	-	-	Strong-H	-	-
4					60	CO2	To apply various tools of spreadsheet application for data management and data analysis .	-	Moderate-M	Strong-H	-	-
4					60	CO3	To analyze large data sets and evaluate decision making	Moderate-M	-	Strong-H	-	-
5	SEM I	020241105 - PP	T2778	Basics of Financial Management	60	CO1	Define Financial Markets	Strong-H	Moderate-M	Strong-H	-	-
5					60	CO2	illustrate different financial instruments	-	Moderate-M	Strong-H	-	-
5					60	CO3	examine returns and investment options from TVM point of view	-	-	-	Moderate-M	-
5					60	CO4	apply the concept of capital budgeting techniques for investment options	-	-	Strong-H	-	-
5					60	CO5	understand the role of Finance manager	-	Strong-H	-	-	Strong-H
6	SEM I	020241106 - PP	T2239	Business Communication	60	CO1	Developing an understanding of the Nature, Scope and Purpose of Marketing	Strong-H	-	-	Moderate-M	-
6					60	CO2	Familiarization with Major Concepts of Buying Behavior • To make students learn how the principles and practices are used and extended in the consumer market.	-	-	-	Strong-H	-
6					60	CO3	Identifying and Familiarization with segmenting, targeting and positioning of products in the market space (STP Process)	Strong-H	-	Strong-H	Moderate-M	-
6					60	CO4	Develop an in-depth understanding about the important elements of Marketing as well as their applications in different situations and different geographies - The Marketing Mix	-	-	-	-	-
6					60	CO5	Developing and building effective strategies to leverage marketing opportunities	-	-	-	-	-
7	SEM I	020241107 - PP	T2236	Corporate Governance and Ethics	60	CO1	a broad perspective on governance and ethics related aspects within a corporate atmosphere (T 2236 document "expected outcomes")	-	Strong-H	-	-	-
8	SEM I	020241108 - PP	T2114	Essentials of Marketing Management	60	CO1	Developing an understanding of the Nature, Scope and Purpose of Marketing	-	-	Strong-H	-	-
8					60	CO2	Familiarization with Major Concepts of Buying Behavior • To make students learn how the principles and practices are used and extended in the consumer market.	-	Moderate-M	Strong-H	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
8					60	CO3	Develop an in-depth understanding about the important elements of Marketing as well as their applications in different situations and different geographies - The Marketing Mix	-	-	-	-	-
8					60	CO4	Developing and building effective strategies to leverage marketing opportunities	-	-	-	-	-
8					60	CO5	Developing and building effective strategies to leverage marketing opportunities	-	-	-	Strong-H	-
9	SEM I	020241109 - PP	T2003	Financial Accounting	60	CO1	Knowledge of the accounting cycle	Strong-H	-	-	-	-
9					60	CO2	Ability to evaluate financial results through examination of relevant data (i.e., income statement, balance sheet, cash flow statement and budgets)	-	-	Strong-H	-	-
9					60	CO3	Knowledge of accounting principles and techniques	-	-	Strong-H	-	-
10	SEM I	020241110 - PP	T2387	Global Business Environment	60	CO1	Interpret international issues for designing corporate strategies in a fast changing global environment.	Moderate-M	-	-	Moderate-M	-
10					60	CO2	Compare and contrast how businesses and managers match decisions for creating competitive advantage in the global environment.	-	-	Strong-H	-	-
10					60	CO3	Analyze the basic macroeconomic relationships as they affect the behavior of firm in the international context	Moderate-M	-	Strong-H	Strong-H	-
11	SEM I	020241111 - PP	T2572	Human Resource Management	60	CO1	Understand and recall the basic human resource management functions and concepts	Moderate-M	-	Moderate-M	-	Moderate-M
11					60	CO2	Analyze, interpret the HR related issues and apply the HRM-related knowledge to address the issues for possible solutions	-	Strong-H	-	Moderate-M	Moderate-M
12	SEM I	020241112 - PP	T2827	Supply Chain Management	60	CO1	Attain basic knowledge of SCM processes and practices for application in International Business context	Moderate-M	-	Moderate-M	-	-
12					60	CO2	Managerial skills on SCM strategies to resolve business issues and complexities	Strong-H	-	-	-	Strong-H
12					60	CO3	Competency for managing global SC network, relationships, coordination, ethical and humanitarian issues in International Business	-	-	-	Strong-H	-
13	SEM I	020241113 - PP	T4665	Well for Life	60	CO1	Acquire knowledge and skills for life long participation in physical activity	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
13					60	CO2	Improving quality of life through practice of yoga	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
13					60	CO3	Achieving optimum health benefits	Moderate-M	Moderate-M	Moderate-M	-	-
13					60	CO4	To improve physical and mental well-being.	Moderate-M	Moderate-M	Moderate-M	-	-
14	SEM I	020241114 - PP	T6012	Basic German I-IB	60	CO1	Speaking skills: Basic communication; usage of colloquial language e.g. introducing oneself and others, ordering in a restaurant, booking tickets, describing the way, shopping, expressing likes and dislikes, using simple and general- specific German terms and expressions etc.	Moderate-M	-	-	-	-

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14					60	CO2	Reading skills: Comprehending the gist of simple texts related to everyday life, selective and global understanding of texts, highlighting the cultural aspects etc.	Moderate-M	-	-	-	-
14					60	CO3	Listening skills: Can understand simple authentic audio texts, pronunciation, accent, intonation, simple sentences, common structures and words from important everyday situations (e.g. basic personal and family information, shopping, local area)	Moderate-M	-	-	-	-
14					60	CO4	Writing skills: Ability to construct simple sentences related to oneself as well as others, filling official forms, etc.	Moderate-M	-	-	-	-
14					60	CO5	Grammar: Exposure to some simple aspects and rules of grammar in order to facilitate sentence formation.	-	-	-	-	-
15	SEM I	020241115 - PP	T6014	Basic French I-IB	60	CO1	To speak basic French	Moderate-M	-	-	-	-
15					60	CO2	To understand and listen basic French	Moderate-M	-	-	-	-
15					60	CO3	To read basic French	Moderate-M	-	-	-	-
15					60	CO4	To write basic French	Moderate-M	-	-	-	-
16	SEM I	020241116 - PP	T6016	Basic Spanish I-IB	60	CO1	To speak basic Spanish	Moderate-M	-	-	-	-
16					60	CO2	To understand and listen basic Spanish	Moderate-M	-	-	-	-
16					60	CO3	To read basic Spanish	Moderate-M	-	-	-	-
16					60	CO4	To write basic Spanish	Moderate-M	-	-	-	-
17	SEM I	020241117 - PP	T6674	Basic Japanese I-IB	60	CO1	To speak basic Japanese	Moderate-M	-	-	-	-
17					60	CO2	To understand and listen basic Japanese	Moderate-M	-	-	-	-
17					60	CO3	To read basic Japanese	Moderate-M	-	-	-	-
17					60	CO4	To write basic Japanese	Moderate-M	-	-	-	-
18	SEM II	020241201 - PP	T2036	Financial Management	60	CO1	To analyse balance sheet and profit and loss of a firm	-	-	Strong-H	-	-
18					60	CO2	To evaluate cost of capital of a firm	Moderate-M	-	-	-	-
18					60	CO3	To evaluate financial performance of a firm	-	-	Strong-H	Moderate-M	-
18					60	CO4	To evaluate Dividend Decision policy of a firm	-	-	-	Strong-H	-
19	SEM II	020241202 - PP	T2050	Trade Finance and FOREX Management	60	CO1	To study concepts, theory and practices in the area of Trade Finance and FOREX	Moderate-M	-	Strong-H	Strong-H	Strong-H
19					60	CO2	To illustrate different issues in cross border transactions related to International trade	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
19					60	CO3	To study different sources of raising finance for international trade (Exports and Imports)	-	-	Moderate-M	Moderate-M	Moderate-M
19					60	CO4	To analyze cost of raising funds and cost of risk management.	Moderate-M	-	Moderate-M	-	Moderate-M
19					60	CO5	To evaluate various risk management strategies.	-	-	Moderate-M	Moderate-M	Moderate-M
20	SEM II	020241203 - PP	T2006	Cost Accounting	60	CO1	Describe how cost accounting is used for decision making and performance evaluation.	-	-	Strong-H	-	-
20					60	CO2	Explain the basic concept of cost and how costs are presented in financial statements.	Strong-H	-	Strong-H	-	-
20					60	CO3	Demonstrate how materials, labor and overhead costs are added to a product at each stage of the production cycle	Moderate-M	-	-	-	-
21	SEM II	020241204 - PP	T3392	ERP-Business Process Integration	60	CO1	To Understand and recognize the significance of Enterprise Resource Planning in the Business perspective and for managers with reference to various modules	Strong-H	-	Strong-H	-	-
21					60	CO2	To apply the concepts of ERP using SAP as a platform with Accounting , Materials Management and Sales business process.	-	-	-	Strong-H	-
21					60	CO3	To analyze the business scenario and implement the Accounting, Procurement and Sales Process for a IDE company using the selected data set on SAP platform	-	-	Moderate-M	-	-
21					60	CO4	To evaluate various reports, master data and organisation structure for the Accounting, Procurement and Sales process for the selected data set.	-	-	-	-	Moderate-M
22	SEM II	020241205 - PP	T2390	Global Strategic Management	60	CO1	Students will get a comprehensive understanding of the entire process of creating and implementing strategy in organizations	Moderate-M	-	-	-	-
22					60	CO2	To apply the concepts of ERP using SAP as a platform with Accounting , Materials Management and Sales business process.	-	-	-	-	-
22					60	CO3	To analyze the business scenario and implement the Accounting, Procurement and Sales Process for a IDE company using the selected dataset on SAP platform	-	-	-	-	-
22					60	CO4	Students would be able to analyse the implementation of strategy with relation to the culture and structure of the firm	-	-	-	Moderate-M	-
23	SEM II	020241206 - PP	T2220	Operations Research	60	CO1	To synthesize and solve real life decision making problems in industry	-	-	Strong-H	-	-
23					60	CO2	To capitalize on the power of Operations Research (OR) in resource management	Moderate-M	-	-	-	-
23					60	CO3	To formulate decision making models to solve problems encountered in businesses	-	-	Strong-H	-	-
23					60	CO4	To understand different operations research tools and its use in decision making	Moderate-M	-	-	Moderate-M	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
23					60	CO5	To analyze business situations using the power of well- known operational research tools and techniques	-	-	-	-	-
24	SEM II	020241207 - PP	T2573	Organizational Behaviour	60	CO1	Recall basic Organizational Behavior concepts	Moderate-M	-	-	-	-
24					60	CO2	Identify Individual and Group related issues in organizations	-	-	-	-	Moderate-M
24					60	CO3	Solve Organizational and Human Resource issues ethically	-	-	Strong-H	-	-
24					60	CO4	Analyze Organizational Behavior practices appropriately keeping in mind the local and the global context	Moderate-M	-	-	Strong-H	-
25	SEM II	020241208 - PP	T2193	Project Management	60	CO1	To Understand and recognize the significance of Project Management for managers	-	-	-	-	-
25					60	CO2	To apply the concepts of Project Management Life Cycle using MS Project as tool.	-	-	-	-	-
25					60	CO3	To analyze the Project scenario and implement using MS Project	-	-	-	-	-
26	SEM II	020241209 - PP	T2136	Sales Force and Channel Management	60	CO1	Analyse, differentiate and apply global sales and distribution strategies	Moderate-M	-	Moderate-M	-	-
26					60	CO2	Compose the tools and techniques necessary for designing , motivating and evaluating Sales force and Channel Management systems	-	-	Moderate-M	-	-
26					60	CO3	Compare and summarize the future managers with application based knowledge in Sales Force and Channel Management.	-	-	-	Moderate-M	-
27	SEM II	020241210 - PP	T2513	Marketing Research	60	CO1	Understanding of contemporary applications of market research.	Moderate-M	-	-	-	-
27					60	CO2	Analytical skills and proficiency in the applications of advanced statistical tools and techniques.	-	-	Moderate-M	-	-
27					60	CO3	Design and implementation of a market research project.	-	-	Moderate-M	-	Moderate-M
27					60	CO4	Interpretation and communication of market research findings.	-	Moderate-M	Moderate-M	-	-
28	SEM II	020241213 - PP	T2127	Integrated Marketing Communication	60	CO1	To study & apply marketing planning and decision making in marketing communication	Moderate-M	-	-	-	-
28					60	CO2	To analyse & solve actual problems in the form of case studies encounter in today's market place using marketing communication	-	-	Strong-H	-	Strong-H
28					60	CO3	To understand the best practices in various marketing management field using marketing communication	-	-	Strong-H	-	-
29	SEM II	020241214 - PP	T2127	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Moderate-M	Moderate-M	Moderate-M	-	-
29					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Moderate-M	Moderate-M	Moderate-M	-	-

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29					60	CO3	To train students to perform First aid and CPR in an emergency.	Moderate-M	Moderate-M	Moderate-M	-	-
29					60	CO4	Emergency methods for carrying of casualty,Rescue operation in different types of Emergencies,Rescue operation in different types of Emergencies	Moderate-M	Moderate-M	Moderate-M	-	-
29					60	CO5	Accident Prevention, Reporting, Registration Investigation	Moderate-M	Moderate-M	Moderate-M	-	-
29					60	CO6	Fire -Home Safety, Workplace Safety	Moderate-M	Moderate-M	Moderate-M	-	-
29					60	CO7	First - Aid	Moderate-M	Moderate-M	Moderate-M	-	-
30	SEM II	020241214 - PP	T2143	Services Marketing	60	CO1	Understand and explain the nature and scope of services marketing and present this in a professional and engaging manner	Moderate-M	-	-	-	-
30					60	CO2	Use critical analysis to perceive service shortcomings with reference to ingredients to create service excellence	-	Moderate-M	-	Moderate-M	-
30					60	CO3	Discuss key linkages between marketing and other business functions in the context of designing and operating an effective service system	-	-	Moderate-M	Strong-H	Strong-H
30					60	CO4	Compare, discuss and ably utilize the tools and techniques used in services marketing	-	-	Strong-H	-	-
30					60	CO5	Provide a theoretical and practical basis for assessing service performance using company examples and report on this in a professional, logical and coherent way	-	-	Strong-H	-	Strong-H
31	SEM II	020241215 - PP	T2574	Employment Related Laws	60	CO1	To enable the students to understand various aspects of legal provisions related to employment of labor in the organizations.	Moderate-M	-	Strong-H	-	Moderate-M
31					60	CO2	To help the students to familiarize with legal and regulatory aspects of employing labor.	Moderate-M	Moderate-M	-	-	-
32	SEM II	020241216 - PP	T2281	Talent Acquisition	60	CO1	Interpret the different techniques of forecasting demand and supply of manpower	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
32					60	CO2	Analyze the importance of talent acquisition and career planning keeping in mind the business environment, local and global contexts	-	-	Moderate-M	-	-
32					60	CO3	Evaluate and Apply the selection strategies in line with organizational goals	-	-	Strong-H	-	-
32					60	CO4	Demonstrate understanding of talent acquisition concepts in various scenarios	-	-	Strong-H	-	Strong-H
33	SEM II	020241217 - PP	T2168	Advanced Supply Chain Management	60	CO1	Evaluate the linkages of supply chain and other business processes in domestic and global context	Moderate-M	-	-	-	-
33					60	CO2	Develop proficiency in knowledge and use of supply chain concepts	Strong-H	-	Strong-H	-	-
33					60	CO3	Analyze different issues related to Humanitarian, Sustainable, Retail & Service Supply Chains	-	-	Strong-H	-	Strong-H

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33					60	CO4	Analyze and evaluate contemporary issues/practices in supply chain management	-	-	Strong-H	-	Strong-H
33					60	CO5	Analyse the main approaches to measuring supply chain performance	-	-	Strong-H	-	Strong-H
34	SEM II	020241218 - PP	T2174	Materials Management	60	CO1	To review concepts of Materials management and its relevance in supply chains	-	-	Strong-H	-	Strong-H
34					60	CO2	To evaluate vendor performance in materials management	-	-	-	-	Strong-H
34					60	CO3	To develop strategy of inventory analysis and replenishment models	-	-	Strong-H	-	Strong-H
35	SEM II	020241219 - PP	T2056	Financial Risk Management	60	CO1	Compare and contrast the various types of risk.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
35					60	CO2	Appraise the impact of different risks on the operations and performance of a firm.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
36	SEM II	020241220 - PP	T2043	Security Analysis and Portfolio Management	60	CO1	To develop understanding of the basic concepts of Financial Markets	Moderate-M	-	-	-	Moderate-M
36					60	CO2	To develop understanding of the importance of Equity Analysis	Moderate-M	-	-	-	-
36					60	CO3	To develop understanding of Valuations	-	Moderate-M	Moderate-M	Strong-H	Strong-H
36					60	CO4	To understand importance of Risk & Return	Moderate-M	-	-	-	-
36					60	CO5	To develop understanding of Diversification and Portfolio Management	-	-	Strong-H	-	-
37	SEM II	020241221 - PP	T6675	Basic Japanese II-IB	60	CO1	Insight about Japanese culture and society	-	-	-	-	-
37					60	CO2	Utilize effective communication skills	-	-	-	-	-
37					60	CO3	Assess and communicate information	-	-	-	-	-
37					60	CO4	Personal and individual development	-	-	-	-	-
37					60	CO5	Identify day to day situations and converse effectively using acquired domain knowledge	-	-	-	-	-
38	SEM II	020241222 - PP	T6015	Basic French II-IB	60	CO1	Insight about French culture and society	Moderate-M	-	Moderate-M	Moderate-M	-
38					60	CO2	Utilize effective communication skills	Moderate-M	-	Moderate-M	Moderate-M	-
38					60	CO3	Assess and communicate information	Moderate-M	-	Moderate-M	Moderate-M	-
38					60	CO4	Personal and individual development	Moderate-M	-	Moderate-M	Moderate-M	-
38					60	CO5	Identify day to day situations and converse effectively using acquired domain knowledge	Moderate-M	-	Moderate-M	Moderate-M	-
39	SEM II	020241223 - PP	T6017	Basic Spanish II-IB	60	CO1	Insight about Spanish culture and society	Moderate-M	-	Moderate-M	Moderate-M	-

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39					60	CO2	Utilize effective communication skills	Moderate-M	-	Moderate-M	Moderate-M	-
39					60	CO3	Assess and communicate information	Moderate-M	-	Moderate-M	Moderate-M	-
39					60	CO4	Personal and individual development	Moderate-M	-	Moderate-M	Moderate-M	-
39					60	CO5	Identify day to day situations and converse effectively using acquired domain knowledge	Weak-L	-	Moderate-M	Moderate-M	-
40	SEM II	020241224 - PP	T6013	Basic German II-IB	60	CO1	Insight about German culture and society	Moderate-M	-	Moderate-M	Moderate-M	-
40					60	CO2	Utilize effective communication skills	Moderate-M	-	Moderate-M	Moderate-M	-
40					60	CO3	Assess and communicate information	Moderate-M	-	Moderate-M	Moderate-M	-
40					60	CO4	Personal and individual development	Moderate-M	-	Moderate-M	Moderate-M	-
40					60	CO5	Identify day to day situations and converse effectively using acquired domain knowledge	Moderate-M	-	Moderate-M	Moderate-M	-
41	SEM III	020241301 - PP	T2904	Internship	60	CO1	Provide students with an opportunity to conduct research using qualitative and quantitative techniques	-	-	Strong-H	-	Strong-H
41					60	CO2	Assess business processes through experiential learning techniques, tools and research methodologies	-	-	Strong-H	-	Strong-H
41					60	CO3	Analyze results obtained from interdisciplinary management project areas	-	-	Strong-H	-	Strong-H
41					60	CO4	Interpret and recommend solutions to emerging issues on management disciplines	-	-	Strong-H	-	Strong-H
42	SEM III	020241302 - PP	T2828	Six Sigma	60	CO1	Describe the concepts of Six Sigma as a quality improvement tool.	Moderate-M	-	-	-	-
42					60	CO2	Explain the complete DMAIC cycle in detail	Moderate-M	-	-	-	-
42					60	CO3	Analyze when and how to use Six Sigma as a tool for process improvement.	-	-	Strong-H	-	Strong-H
42					60	CO4	Analyze different cases of Six Sigma implementation	-	-	Strong-H	-	Strong-H
42					60	CO5	Apply Six Sigma concepts using software systems	-	-	Strong-H	-	Strong-H
43	SEM III	020241303 - PP	T2227	Business Analytics	60	CO1	To gain an understanding of how managers use business analytics	Moderate-M	-	-	-	-
43					60	CO2	To formulate and solve business problems and to support managerial decision making.	-	-	Moderate-M	-	Moderate-M
43					60	CO3	To become familiar with the processes needed to develop, report, and analyze business data.	Moderate-M	-	Strong-H	-	Moderate-M
43					60	CO4	To learn how to use and apply Excel and Excel add-ins to solve business problems	Strong-H	-	Strong-H	-	Strong-H
43					60	CO5	To become familiar with various Data Visualization Techniques / algorithms	Strong-H	-	Strong-H	-	Strong-H

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44	SEM III	020241304 - PP	T2255	Advanced Strategic Management	60	CO1	Evaluate strategic situations and recommend decisions based on analysis using the tools taught in the course	Strong-H	-	Strong-H	-	Strong-H
44					60	CO2	Recommend the use of suitable strategic planning methods, approaches for innovation in order to drive competitive advantage for the firm	Strong-H	-	-	-	-
45	SEM III	020241305 - PP	T2153	International Marketing	60	CO1	Develop an understanding of current context and competitive nature of International marketing environment.	Moderate-M	-	Moderate-M	-	Moderate-M
45					60	CO2	Apply the knowledge and skills to devise and implement appropriate marketing strategy	-	-	Strong-H	-	Moderate-M
45					60	CO3	Appraise themselves with various current marketing tools and practices for successful strategies to enter, conquer & sustain in the foreign markets & eventually earn a global presence required for an industry ready marketing professional	-	-	-	-	Strong-H
46	SEM III	020241306 - PP	T2118	Consumer Behaviour	60	CO1	To understand the concept of consumer behavior	Strong-H	-	Strong-H	Strong-H	Strong-H
46					60	CO2	To apply the knowledge of consumer behavior in strategy & communication	-	-	Strong-H	-	Strong-H
47	SEM III	020241307 - PP	T2152	Business to Business Marketing	60	CO1	To study & apply marketing planning and decision making in B2B Markets	Moderate-M	-	-	-	-
47					60	CO2	To analyse & solve actual problems in the form of case studies encounter in today's B2B market place.	-	-	Moderate-M	-	-
47					60	CO3	To understand the best practices in various B2B Marketing Management field	-	-	Strong-H	-	Strong-H
48	SEM III	020241308 - PP	T2130	Brand Management	60	CO1	To develop understanding on fundamentals of branding, Challenges and Opportunities	Moderate-M	-	Moderate-M	-	Moderate-M
48					60	CO2	To explore the important issues in planning, implementing of brand management programs	Moderate-M	-	-	-	-
48					60	CO3	To develop understanding on measurement and interpretation of brand performance	Moderate-M	-	-	-	-
48					60	CO4	To provide appropriate concepts, theories, models to understand branding decisions	Moderate-M	-	Moderate-M	-	-
48					60	CO5	To understand how to grow and sustain brand equity for brand expansion and revitalization	Moderate-M	-	-	-	Moderate-M
49	SEM III	020241309 - PP	T2155	Marketing Models	60	CO1	Apply their knowledge to explain the marketing phenomena or observations taking place in the market.	Moderate-M	-	-	-	-
49					60	CO2	Illustrate the quantitative techniques used to resolve marketing management issues.	-	-	Strong-H	-	Strong-H
49					60	CO3	Predict the outcomes for marketing actions.	-	-	-	-	-
49					60	CO4	Develop operational support for marketing decisions as a consequence of above	-	-	Strong-H	-	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
49					60	CO5	Develop the attitude of using tools and models for improved marketing decision effectiveness.	Moderate-M	-	-	-	-
50	SEM III	020241310 - PP	T2128	Product Management	60	CO1	Understand the fundamental concepts of product development and management.	Moderate-M	-	-	-	-
50					60	CO2	Use portfolio analysis and the product life cycle to understand how a firm manages its product mix.	-	-	Moderate-M	-	Moderate-M
50					60	CO3	Use tools and metrics to analyze competitors and develop positioning strategies.	-	-	Moderate-M	-	Moderate-M
50					60	CO4	Use a deep understanding of what buyers care about to create a compelling go-to-market plan.	-	-	Moderate-M	-	Moderate-M
50					60	CO5	Apply an understanding of the product manager's role in product pricing, sales and promotion	-	-	Moderate-M	-	Moderate-M
51	SEM III	020241311 - PP	T2132	Pricing	60	CO1	To apply the basic terms, concepts, approaches and ways to solve problems in pricing decisions.	Moderate-M	-	Moderate-M	-	-
51					60	CO2	To analyse pricing decisions based on concepts drawn from cognitive psychology	-	-	Moderate-M	-	-
51					60	CO3	To analyse pricing decisions based on concepts drawn from economics and industrial organization.	-	-	Moderate-M	-	-
51					60	CO4	To create and design pricing process that can be implemented and managed.	-	-	Moderate-M	-	Moderate-M
51					60	CO5	Compare, evaluate and help develop the right price approach.	-	-	Moderate-M	-	Moderate-M
52	SEM III	020241312 - PP	T2148	Retail Marketing	60	CO1	Apply the Retail Management processes to retail business problems	Moderate-M	Moderate-M	-	-	-
52					60	CO2	Develop Retail Plan for retailers effectively compete in the market	Moderate-M	Strong-H	-	-	-
52					60	CO3	Develop strategies for optimization of resource in managing retail outlets	Moderate-M	Strong-H	-	-	-
53	SEM III	020241313 - PP	T2139	Digital Marketing	60	CO1	Assess and analyses Internet marketing and further utilize it for marketing communication options.	-	-	-	-	-
53					60	CO2	Compare and contrast different tools and techniques available for Digital marketing and suggest in final marketing strategy.	Strong-H	-	Moderate-M	-	Moderate-M
53					60	CO3	Evaluate and prepare digital marketing strategies using latest trends.	-	-	Moderate-M	-	-
54	SEM III	020241314 - PP	T2121	Customer Relationship Management	60	CO1	Understand customer relationship marketing concepts, process, applications as well as planning	Strong-H	-	-	-	-
54					60	CO3	Demonstrate an understanding of how to build relationships with customers and maintain their loyalty	-	-	-	-	-
54					60	CO4	Create campaigns to generate new customers and prospects	-	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
54					60	CO5	Apply & operate a simple customer database effectively by integrating CRM software with the myriad of marketing tools and techniques	-	-	-	-	-
55	SEM III	020241315 - PP	T2150	Marketing of Financial Services	60	CO1	Develop knowledge about characteristics of financial service products	Strong-H	-	-	-	-
55					60	CO2	Develop skills in planning and implementation of marketing plans for these services	Strong-H	-	Strong-H	-	Strong-H
55					60	CO3	Apply knowledge and skills in understanding of consumer behavior while buying these products	-	-	Strong-H	-	Strong-H
56	SEM III	020241316 - PP	T2125	Marketing Strategy	60	CO1	To understand the basic concepts of marketing strategy	Moderate-M	-	-	-	-
56					60	CO2	To understand the application of theoretical concepts in various industry	Moderate-M	-	-	-	-
56					60	CO3	To correlate the theory with practice	-	-	Strong-H	-	Strong-H
57	SEM III	020241317 - PP	T1077	International Commercial Law	60	CO1	1. The aim of this course is to provide the management students adequate knowledge of the legal aspects of doing business in India and to understand international business and laws relating to international commercial transactions. Knowledge of law gives managers confidence and credibility.	Moderate-M	-	Moderate-M	-	Moderate-M
57					60	CO2	2. Managers and business leaders need to be aware of the legal implications of their day-to-day decisions in their organizations.	Moderate-M	-	Moderate-M	-	Moderate-M
58	SEM III	020241318 - PP	T2862	Business Statistics with R	60	CO1	To enable students to present, analyze and interpret data.	-	-	-	-	-
58					60	CO2	To enable students to use concepts of probability in business situations.	Moderate-M	Strong-H	Moderate-M	-	-
58					60	CO3	To enable students to make inferences from samples drawn from large datasets.	Moderate-M	Strong-H	Moderate-M	-	-
59	SEM III	020241319 - PP	T2073	International Finance	60	CO1	To study concepts, theory and practices in the area of International Finance	Moderate-M	-	-	-	-
59					60	CO2	To study different sources of raising finance for interanional Business activities	Moderate-M	-	-	-	-
59					60	CO3	To analyze cost of raising funds and cost of risk management.	-	-	Moderate-M	-	-
59					60	CO4	To evaluate various risk management strategies.	-	-	Moderate-M	-	-
60	SEM III	020241320 - PP	T2013	Derivative Markets	60	CO1	Compare and contrast different derivative instruments.	Moderate-M	-	Moderate-M	-	Strong-H
60					60	CO2	Analyze the strategies for profit and risk mgt through derivatives	Moderate-M	-	-	-	-
60					60	CO3	Evaluation of different models.	Moderate-M	-	-	-	-
61	SEM III	020241321 - PP	T2502	Wealth Management	60	CO1	To analyse various personal investment avenues and asset classes	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
61					60	CO2	2. To analyse investors' psychology & requirement	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
61					60	CO3	3. To develop skills of personal financial planning by customizing investment portfolios and evaluating them for clients according to their needs & requirements	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
61					60	CO4	4. To develop skills in financial advisory & relationship management	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
62	SEM III	020241322 - PP	T2061	Advanced Project Finance Structuring	60	CO1	Evaluate best possible composition of various sources of financing different types of project	Moderate-M	-	Moderate-M	-	-
62					60	CO2	Analyze suitability of funding from development financing institutes	-	-	Moderate-M	-	Moderate-M
62					60	CO3	Generate and recommend suitable financing strategies and innovative ways	-	-	Moderate-M	-	Moderate-M
63	SEM III	020241323 - PP	T2674	Investment Banking	60	CO1	To understand the process of capital raising activity	Moderate-M	-	-	-	-
63					60	CO2	To understand the market dynamics & primary & secondary market activity	Moderate-M	-	-	-	-
63					60	CO3	To understand the roll of Investment Banker in the process of Capital Raising and Mergers & Acquisitions	Moderate-M	-	-	-	-
63					60	CO4	To Understand the method of Acquisitions and role of Investment Banker	Moderate-M	-	-	-	-
63					60	CO5	To understand the new Global Changes in Financial Markets and Investment Banking	Moderate-M	-	-	-	-
64	SEM III	020241324 - PP	T2047	Mergers and Acquisitions	60	CO1	Analyse the process and procedures related to Mergers and acquisitions.	Moderate-M	-	-	-	-
64					60	CO2	Explain the legalities involved in any merger or acquisition.	Moderate-M	-	-	-	-
65	SEM III	020241325 - PP	T2051	Financial Modeling	60	CO1	Learn spread sheet functions and investment tools as building blocks of financial modeling framework	Strong-H	-	Moderate-M	-	Moderate-M
65					60	CO2	Learn perspective of project financing and Financial Modeling Framework using Financial statements of a business	Strong-H	-	-	-	-
65					60	CO3	Project finance modeling	Strong-H	-	Strong-H	-	Strong-H
65					60	CO4	Advanced concepts in Financial Modeling - Tax Modeling and RISK analysis	-	-	Moderate-M	-	Moderate-M
65					60	CO5	Equity Research modeling	-	-	Moderate-M	-	Moderate-M
66	SEM III	020241326 - PP	T2011	Commercial Banking	60	CO1	Analyse the products offered by a bank.	Strong-H	-	Strong-H	-	-
66					60	CO2	Analyse various operations of a bank.	-	-	Strong-H	-	Strong-H
66					60	CO3	To Evaluate the legal framework associated with banking operations.	-	-	Strong-H	-	Strong-H

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66					60	CO4	To express opinions about banking in written and oral form, based on the basic knowledge and skills they acquire,	-	-	Strong-H	-	Strong-H
66					60	CO5	To demonstrate various daily functions performed in a branch.	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
67	SEM III	020241327 - PP	T2045	Corporate Valuation	60	CO1	Understanding the concepts of Valuation	-	-	Strong-H	-	Strong-H
67					60	CO2	Linkages of Financial Statements and Valuation	Moderate-M	-	Strong-H	-	Moderate-M
67					60	CO3	Business Valuation Models - with Cash Flows and Earnings	Moderate-M	Moderate-M	-	-	-
67					60	CO4	Business Valuation Models - with forecasting methods and analysis	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
67					60	CO5	New Concepts of Valuation with different models	-	-	Moderate-M	Moderate-M	Moderate-M
68	SEM III	020241328 - PP	T2611	Financial Econometrics	60	CO1	Practically apply the concepts of econometrics in empirical finance	Strong-H	Strong-H	-	-	-
68					60	CO2	Analyse and evaluate the different econometric modeling techniques.	Strong-H	Strong-H	-	-	-
69	SEM III	020241329 - PP	T2021	Insurance Management	60	CO1	To make student aware of insurance concept and covers.	Moderate-M	-	Moderate-M	-	-
69					60	CO2	To get them confidence to take insurance covers.	Moderate-M	-	Moderate-M	-	-
69					60	CO3	To be ready for insurance job and career at the end of the course.	Moderate-M	-	Moderate-M	-	-
69					60	CO4	To be able to analyse financial side of balance sheet and profit / loss account of insurance companies.	Moderate-M	-	Moderate-M	-	-
69					60	CO5	To be able to understand and apply principles of Risk Management.	Moderate-M	-	Moderate-M	-	-
69					60	CO6	To be familiar and develop exercise to do the financial and investment related work in insurance companies.	Moderate-M	-	Moderate-M	-	-
69					60	CO7	To be corporate job ready personality formation.	Moderate-M	-	Moderate-M	-	-
70	SEM III	020241330 - PP	T2019	Fixed Income Markets	60	CO1	Introduction to Fixed Income Markets	Moderate-M	-	-	-	-
70					60	CO2	Valuation of Fixed Income Securities and Risks in FIS investments	Moderate-M	-	Moderate-M	Moderate-M	-
70					60	CO3	Derivatives of Fixed Income Securities	Moderate-M	-	Moderate-M	Moderate-M	-
70					60	CO4	Structured Products in Fixed Income Securities	Moderate-M	-	Moderate-M	Moderate-M	-
71	SEM III	020241331 - PP	T2056	Financial Risk Management	60	CO1	Compare and contrast the various types of risk.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
71					60	CO2	Appraise the impact of different risks on the operations and performance of a firm.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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72	SEM III	020241332 - PP	T2150	Marketing of Financial Services	60	CO1	Develop knowledge about characteristics of financial service products	Strong-H	-	-	-	-
72					60	CO2	Develop skills in planning and implementation of marketing plans for these services	Moderate-M	-	Strong-H	-	-
72					60	CO3	Apply knowledge and skills in understanding of consumer behavior while buying these products	-	-	Strong-H	-	Strong-H
73	SEM III	020241333 - PP	T2181	Supply Chain Strategy	60	CO1	Articulate the nature of service and service process	Moderate-M	-	-	Moderate-M	Moderate-M
73					60	CO2	Explain the basic concepts and theories of service management	Moderate-M	-	-	Moderate-M	Moderate-M
73					60	CO3	Identify the broad basic elements of managing service design, delivery, and performance	Moderate-M	-	-	Moderate-M	Moderate-M
73					60	CO4	Apply the knowledge of service management to analyze the daily operations of common service organizations	Moderate-M	-	-	Moderate-M	Moderate-M
74	SEM III	020241334 - PP	T2528	Management of Operations	60	CO1	Understand the concepts, principles, and problems of operations management, apply various operations management and quality management techniques to understand and improve the execution of Operations of an Organization.	Strong-H	-	-	-	-
74					60	CO2	Apply various tools and techniques to determine the choice of facility locations and determine facility layouts, plan and schedule day to day operations through practical applications .	-	Strong-H	-	-	-
74					60	CO3	Select and use the most appropriate methods and tools for the solution of problems related to materials management including stocking and handling, supplier development and inventory control.	-	-	Strong-H	-	-
74					60	CO4	Understand the importance of maintenance - beyond just being a technical issue , the difference between preventive and breakdown maintenance, and apply most widely used maintenance management tools.	-	-	-	Strong-H	-
75	SEM III	020241335 - PP	T2222	Advanced Operations Research	60	CO1	students will be able to synthesize and solve real life decision making problems in operations industry.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
75					60	CO2	students will be able to capitalize on the power of Operations Research (OR) in resource management .	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
75					60	CO3	students will be able to calculate different operations research tools and its use in decision making.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
75					60	CO4	students will be able to formulate decision making models encountered in businesses.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
75					60	CO5	students will be able to analyze business problems using the power of well- known operational research tools and techniques.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
76	SEM III	020241336 - PP	T2329	Retail Distribution and Logistics	60	CO1	Understand role of distribution and logistics in organized retail sector	Moderate-M	-	Moderate-M	Moderate-M	-

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76					60	CO2	Understand and analyse issues arising in warehousing operation and generic strategies to address the problem	Moderate-M	-	Moderate-M	Moderate-M	-
76					60	CO3	Types of inventory and analyzing its impact of the operating cost and margins of the business .Learning to formulate strategies to address the issue	Moderate-M	-	Moderate-M	Moderate-M	-
76					60	CO4	Understand the process of inbound and out bound logistics and key contributors to the process in organized retail . Key issues involved and process to address the same	Moderate-M	-	Moderate-M	Moderate-M	-
76					60	CO5	Distribution and logistics issues in value retailing and role of informaion technology in streamlining the process . Channel members and their power	Moderate-M	-	Moderate-M	Moderate-M	-
77	SEM III	020241337 - PP	T2163	Quality Management	60	CO1	Equip student managers to understand how a business operates and design effective manufacturing and service processes.	Moderate-M	-	Moderate-M	Moderate-M	-
77					60	CO2	Manning to understand to differentiate between various kinds of manufacturing and service processes & their complexity so as to utilize them to enhance operational efficiency	Moderate-M	-	Moderate-M	Moderate-M	-
78	SEM III	020241338 - PP	T2201	Advanced Project Management	60	CO1	To study advanced concepts, theory and applications in the area of complex projects in global environment	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
78					60	CO2	To discuss the critical factors in Execution of Complex projects	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
78					60	CO3	To understand issues in designing project organization and teams in cross - cultural, socio-economic, technology driven global environment	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
78					60	CO4	To analyze project cost, quality and risk management	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
78					60	CO5	To discuss various project management strategies and strategic management structures	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
79	SEM III	020241339 - PP	T2169	Warehouse Management	60	CO1	To describe the concepts of warehouse managements.	Moderate-M	-	-	-	-
79					60	CO2	To describe Global Practices in Warehousing and Distribution management	Moderate-M	-	-	-	-
79					60	CO3	To analyze different issues in cold chain management	Moderate-M	-	-	-	-
79					60	CO4	To demonstrate international benchmarks on warehouse management	Moderate-M	-	-	-	-
79					60	CO5	Design and evaluate the performance of the warehouse systems.	Moderate-M	-	-	-	-
80	SEM III	020241340 - PP	T2180	Supply Chain Performance Measurement	60	CO1	Demonstrate understanding of Supply Chain Performance Measurement Tools and Methods	Moderate-M	-	-	-	-
80					60	CO2	Make use of different Supply Chain Performance Measurement Tools to Design & Analyze Supply Chains	-	Moderate-M	-	-	Moderate-M
81	SEM III	020241341 - PP	T2187	Service Operations Management	60	CO1	Analyze and evaluate the contribution of supply chain strategy in the organization's success	-	-	-	Strong-H	-

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81					60	CO2	Formulate and review strategies for efficiently managing Supply Chain Operations	-	Strong-H	Moderate-M	Strong-H	-
81					60	CO3	To develop understanding of the importance of integration of supply chain partners	-	Strong-H	-	Strong-H	-
81					60	CO4	Construct and recommend different approaches to implement supply chain	Moderate-M	-	-	-	-
81					60	CO5	Review performance management and innovations in supply chain management	Moderate-M	-	-	-	-
82	SEM III	020241342 - PP	T2185	Advanced Operations Management	60	CO1	To equip student managers to understand how a business operates and design effective manufacturing and service processes.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
82					60	CO2	To make student managers understand and differentiate between various kinds of manufacturing and service processes & their complexity so as to utilize them to enhance operational efficiency	Moderate-M	Strong-H	Moderate-M	Moderate-M	-
83	SEM III	020241343 - PP	T2177	Supply Chain Risk and Reliability Management	60	CO1	Review supply chain risk management	Moderate-M	-	-	-	-
83					60	CO2	Analyze problems and challenges for supply chains	Moderate-M	-	-	-	-
83					60	CO3	To create and design reliable supply chain	Moderate-M	-	-	-	-
83					60	CO4	Prepare business continuity plans in view of SCM risks	Moderate-M	-	-	-	-
83					60	CO5	Review supply chain risk management standards	Moderate-M	-	-	-	-
84	SEM III	020241344 - PP	T2176	Procurement Management	60	CO1	Exposure to commercial,financial and regulatory aspects of procurement management	-	-	Strong-H	-	Strong-H
84					60	CO2	Vendor evaluation and cost management	-	-	Strong-H	-	Strong-H
84					60	CO3	International contract management and analysys	-	-	Strong-H	-	Strong-H
84					60	CO4	Practical aspects of procurement management	Moderate-M	-	-	-	-
84					60	CO5	Role plays and negotiations	Moderate-M	-	-	-	-
85	SEM III	020241345 - PP	T2291	International Human Resource Management	60	CO1	Understand the process of why and how organizations decide to go international; their impact on the HR function and need for IHRM	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
85					60	CO2	Appreciate the Differences between domestic Human Resource Management and IHRM; and how they add complexity to the function.	-	-	-	-	-
85					60	CO3	Understand the impact of cultural factors and the importance of context in IHRM.	Moderate-M	-	-	Strong-H	-

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85					60	CO4	Grasp the implications of internationalization of business on the various HR functions viz. Staffing, T&D, Performance Management, & developing multicultural teams. Understand the complexity of structuring International compensation and maintaining equity.	Moderate-M	-	-	-	-
86	SEM III	020241346 - PP	T2296	Compensation and Reward Management	60	CO1	Understand key concepts and theories from compensation and apply them to actual compensation problems in firms.	Moderate-M	-	-	-	-
86					60	CO2	Understand how to conduct & interpret basic statistical analysis of compensation data and design a compensation and benefits system to motivate workers	Moderate-M	-	-	-	-
86					60	CO3	Understand how the various features & components of compensation systems influence attraction, retention and turnover.	Moderate-M	-	-	-	-
86					60	CO4	Understand key issues in performance measurement for the purpose of compensation.	Moderate-M	-	-	-	-
86					60	CO5	Analyze a firm's compensation system, legal & tax context, evaluate its strengths and weaknesses and propose changes to improve it.	-	-	Moderate-M	-	Moderate-M
87	SEM III	020241347 - PP	T2284	Learning and Development	60	CO1	To describe the strategic importance of training and development	Strong-H	-	-	-	-
87					60	CO2	To understand training and development as a part of talent management and organizational development process	Moderate-M	-	Moderate-M	-	Moderate-M
87					60	CO3	To explain and apply the principles of instructional system design (ADDIE Model) in designing and developing a training program	Moderate-M	-	Moderate-M	-	Moderate-M
87					60	CO4	To learn how to apply different training methodology and critically analyze various evaluation models.	Moderate-M	-	Moderate-M	-	Moderate-M
88	SEM III	020241348 - PP	T2578	Organizational Development and Change	60	CO1	Understand and recall the basic concepts related to OD & C.	-	-	Strong-H	-	Moderate-M
88					60	CO2	Analyze, interpret the OD & Change related issues and apply the knowledge to address the issues for possible solutions.	-	-	-	-	Strong-H
88					60	CO3	Conduct and Evaluate different OD and Change Interventions for possible solutions.	Strong-H	-	Strong-H	Strong-H	Strong-H
89	SEM III	020241349 - PP	T2286	Industrial Relations	60	CO1	Acquire a solid theoretical , practical and ethical perceptive on many aspects of industrial relation and labor laws.	-	-	Strong-H	-	Strong-H
89					60	CO2	Critically analyse labour laws, IR approaches and paradigms in the field.	Moderate-M	-	-	-	-
89					60	CO3	Demonstrate descriptive knowledge of the field of IR abd Labour laws.	Moderate-M	-	-	-	-

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90	SEM III	020241350 - PP	T2577	HRD Instruments	60	CO1	1. To develop an understanding of the theoretical underpinnings of relevant psychological concepts in the organizational context.	-	-	Moderate-M	-	-
90					60	CO2	2. To analyze and apply various theoretical models in development of metrics for organizations	-	-	Moderate-M	-	-
90					60	CO3	3. To evaluate contributions and limitations of psychometric testing in organizations	-	-	-	-	-
91	SEM III	020241351 - PP	T2300	HR Analytics	60	CO1	Improve HR initiatives by combining data analytics and human resources	Moderate-M	-	Moderate-M	-	Strong-H
91					60	CO2	Understand the financial impact of HRM activities on organizations with predictions	Moderate-M	-	-	-	-
91					60	CO3	Solve complex and sensitive HR issues quickly with new strategic proficiencies	Moderate-M	-	-	-	-
91					60	CO4	Establish fair performance analytics for employees, teams, workgroups, and industries through critical analysis	Moderate-M	-	-	Moderate-M	Moderate-M
91					60	CO5	Create an inclusive human resource decision-making process when you assess the importance of issues in integrity, accountability, diversity, and inclusion	Moderate-M	-	-	Moderate-M	Moderate-M
92	SEM III	020241352 - PP	T2302	Technology in HR /SAP HR/ People Soft	60	CO1	Understand what makes HR more effective in this age of disruptive Technological advancement	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
92					60	CO2	Understand more about Technologies impacting HR	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
92					60	CO3	Understand what is system / ERP	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
92					60	CO4	Understand process lifecycle of key HR function inline with SAP HCM	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
92					60	CO5	Understand how to manage technological change	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
93	SEM III	020241353 - PP	T2288	Organizational Theory, Design and Structure	60	CO1	To provide valuable insight about the structure and design of the organization for organizational effectiveness.	Moderate-M	Strong-H	Moderate-M	-	-
93					60	CO2	To help students understand the importance to focus on the nature and elements of an organization's structure and its relationship with the environment and the organizational strategy.	Moderate-M	Strong-H	Moderate-M	-	-
94	SEM III	020241354 - PP	T2298	Coaching, Counseling and Mentoring	60	CO1	Compare the difference between coaching , counselling and mentoring keeping the context in mind	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
94					60	CO2	Identify the roles of coach , counselor and mentor in different local and global contexts	-	-	-	-	-
94					60	CO3	Recommend an individual development plan to build a coaching and mentoring relationship ethically in line with individual and organizational goals	Moderate-M	-	-	Strong-H	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
94					60	CO4	Demonstrate understanding of coaching , counselling and mentoring concepts	Moderate-M	-	-	-	-
95	SEM III	020241355 - PP	T2576	Performance Management System	60	CO1	Be able to understand and explain the key concepts of Performance Management, and reasons for its growing importance in the current scenario.	-	-	-	Strong-H	-
95					60	CO2	Be able to summarize the Key Skills needed during each phase of Performance Management and the ability to utilize these for resolving issues	Strong-H	-	-	-	-
95					60	CO3	Compare and contrast the various Performance Assessment techniques, categorize performance standards, and be able to select the most appropriate for a given situation	Moderate-M	-	Moderate-M	-	Moderate-M
95					60	CO4	Appreciate the critical Influence of Coaching & Mentoring in Performance Management; Experiment with the skills needed	Moderate-M	-	Moderate-M	-	Moderate-M
95					60	CO5	Analysis of current trends - what leading Companies are doing to enhance overall performance, and Implications for the future - Understand WHY some organisations (using essentially the same kind/calibre of employees) perform so much better than others..	Moderate-M	-	Moderate-M	-	Moderate-M
96	SEM III	020241356 - PP	T2283	Talent Management	60	CO1	Interpret the different types of competencies in varied cultural contexts	-	-	Strong-H	-	Moderate-M
96					60	CO2	Identify a talent pipeline in line with business environment, local and global contexts	-	-	-	-	Strong-H
96					60	CO3	Recommend an individual talent development plan ethically in line with individual and organizational goals	Strong-H	-	Strong-H	Strong-H	Strong-H
96					60	CO4	Demonstrate understanding of talent management concepts	-	-	Strong-H	-	Strong-H
97	SEM III	020241360 - PP	T2143	Services Marketing	60	CO1	Understand and explain the nature and scope of services marketing and present this in a professional and engaging manner	Moderate-M	Strong-H	-	-	-
97					60	CO2	Use critical analysis to perceive service shortcomings with reference to ingredients to create service excellence	Moderate-M	Strong-H	-	-	-
97					60	CO3	Discuss key linkages between marketing and other business functions in the context of designing and operating an effective service system	Moderate-M	Strong-H	-	-	-
97					60	CO4	Compare, discuss and ably utilize the tools and techniques used in services marketing	Strong-H	-	-	-	-
97					60	CO5	Provide a theoretical and practical basis for assessing service performance using company examples and report on this in a professional, logical and coherent way	Moderate-M	-	-	-	-
98	SEM III	020241361 - PP	T2127	Integrated Marketing Communication	60	CO1	To study & apply marketing planning and decision making in marketing communication	Moderate-M	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
98					60	CO2	To analyse & solve actual problems in the form of case studies encounter in today's market place using marketing communication	Moderate-M	-	-	-	-
98					60	CO3	To understand the best practices in various marketing management field using marketing communication	Moderate-M	-	-	-	-
99	SEM III	020241362 - PP	T2043	Security Analysis and Portfolio Management	60	CO1	To develop understanding of the basic concepts of Financial Markets	Moderate-M	-	-	-	Moderate-M
99					60	CO2	To develop understanding of the importance of Equity Analysis	Moderate-M	-	-	-	-
99					60	CO3	To develop understanding of Valuations	Moderate-M	-	-	-	-
99					60	CO4	To understand importance of Risk & Return	Moderate-M	Moderate-M	-	-	-
99					60	CO5	To develop understanding of Diversification and Portfolio Management	Moderate-M	Moderate-M	-	-	-
100	SEM III	020241363 - PP	T2031	Retail Banking	60	CO1	To study concepts, theory and practices adopted in Retail banking	Moderate-M	Moderate-M	Moderate-M	-	-
100					60	CO2	To understand and analyse various deposit schemes offered by banks	Moderate-M	Moderate-M	-	Moderate-M	-
100					60	CO3	To understand and analyse various loan schemes offered by banks	Moderate-M	-	Moderate-M	-	Moderate-M
100					60	CO4	To understand role and functions of Reserve Bank of India	Strong-H	Moderate-M	Moderate-M	-	Moderate-M
100					60	CO5	To demonstrate various daily functions performed in a branch.	Moderate-M	Strong-H	Moderate-M	Moderate-M	-
101	SEM III	020241364 - PP	T2174	Materials Management	60	CO1	To review concepts of Materials management and its relevance in supply chains	Moderate-M	Moderate-M	Moderate-M	-	-
101					60	CO2	To evaluate vendor performance in materials management	Moderate-M	Strong-H	Moderate-M	-	-
101					60	CO3	To develop strategy of inventory analysis and replenishment models	Moderate-M	Strong-H	Moderate-M	-	-
102	SEM III	020241365 - PP	T2168	Advanced Supply Chain Management	60	CO1	Evaluate the linkages of supply chain and other business processes in domestic and global context	Moderate-M	-	-	-	-
102					60	CO2	Develop proficiency in knowledge and use of supply chain concepts	Moderate-M	-	-	-	-
102					60	CO3	Analyze different issues related to Humanitarian, Sustainable, Retail & Service Supply Chains	Moderate-M	-	-	-	-
102					60	CO4	Analyze and evaluate contemporary issues/practices in supply chain management	Moderate-M	-	Strong-H	-	-
102					60	CO5	Analyse the main approaches to measuring supply chain performance	Moderate-M	-	-	-	-
103	SEM III	020241366 - PP	T2281	Talent Acquisition	60	CO1	Interpret the different techniques of forecasting demand and supply of manpower	Moderate-M	Strong-H	Moderate-M	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
103					60	CO2	Analyze the importance of talent acquisition and career planning keeping in mind the business environment, local and global contexts	Moderate-M	Strong-H	Moderate-M	-	-
103					60	CO3	Evaluate and Apply the selection strategies in line with organizational goals	Moderate-M	Strong-H	Moderate-M	-	-
103					60	CO4	Demonstrate understanding of talent acquisition concepts in various scenarios	Strong-H	Moderate-M	Moderate-M	-	-
104	SEM III	020241367 - PP	T2574	Employment Related Laws	60	CO1	To enable the students to understand various aspects of legal provisions related to employment of labor in the organizations.	Moderate-M	Moderate-M	Moderate-M	-	-
104					60	CO2	To help the students to familiarize with legal and regulatory aspects of employing labor.	Moderate-M	Moderate-M	-	-	-
105	SEM IV	020241401 - PP	T2703	Dissertation	60	CO1	"Provide students with an opportunity to conduct research using qualitative and quantitative techniques "	Moderate-M	Moderate-M	-	-	-
105					60	CO2	Assess business processes through experiential learning techniques, tools and research methodologies	Strong-H	-	-	-	-
105					60	CO3	Analyze results obtained from interdisciplinary management project areas	Strong-H	-	-	-	-
105					60	CO4	"Interpret and recommend solutions to emerging issues in management disciplines"	Strong-H	-	-	-	-
106	SEM IV	020241402 - PP	T2149	Marketing in Emerging Economies	60	CO1	To develop the knowledge about emerging markets.	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
106					60	CO2	To develop the required skills to deal in emerging market situation.	-	-	-	-	-
106					60	CO3	To analyse the various market strategies in emerging economies.	Moderate-M	-	-	Strong-H	-
107	SEM IV	020241403 - PP	T2156	Marketing Innovation	60	CO1	To practice and propose diffusion of innovations.	Moderate-M	-	-	-	-
107					60	CO2	To analyse and relate the process involved in the marketing of innovation towards better decision making capabilities.	-	-	-	Strong-H	-
107					60	CO3	To compose and draw constructs towards delivery mechanisms for innovative products and services.	Strong-H	-	-	-	-
108	SEM IV	020241404 - PP	T2145	Sustainable Marketing	60	CO1	Understand and apply the sustainability Principles in business	Moderate-M	-	Moderate-M	-	Moderate-M
108					60	CO2	Understanding concept theories and framework of environmental sustainability through sustainable marketing values	Moderate-M	-	Moderate-M	-	Moderate-M
108					60	CO3	Understanding the role of ethics and morality in marketing	Moderate-M	-	Moderate-M	-	Moderate-M
108					60	CO4	Developing insight into the corporate responsibility towards the society	-	-	Strong-H	-	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
109	SEM IV	020241405 - PP	T2055	Behavioral Finance	60	CO1	To Understand behavioral finance	Moderate-M	-	-	-	-
109					60	CO2	To understand Efficient Market Hypothesis and Biases, overconfidence and rumors	Moderate-M	-	-	-	-
109					60	CO3	To apply the concept of behavioral finance to actual market decisions	-	-	Moderate-M	-	Moderate-M
109					60	CO4	To evaluate and compare market reactions and investors behavior	-	-	Moderate-M	-	Moderate-M
109					60	CO5	To compare market over and under reaction during crisis	-	-	Moderate-M	-	Moderate-M
110	SEM IV	020241406 - PP	T2037	Direct Taxation	60	CO1	To understand the basic concepts, heads of Income etc from Income tax Act	Moderate-M	-	Moderate-M	-	Moderate-M
110					60	CO2	computation of total income for individual and the tax liability	Moderate-M	-	Moderate-M	-	Moderate-M
111	SEM IV	020241407 - PP	T2052	Financial Engineering and Analytics	60	CO1	Analyses the mechanism of pricing different derivative instruments	Moderate-M	-	-	-	-
111					60	CO2	Predict the prices using different pricing models.	Moderate-M	Strong-H	-	-	-
112	SEM IV	020241408 - PP	T2170	Sustainable Supply Chain	60	CO1	Define the three building blocks of sustainability	Moderate-M	Strong-H	-	-	-
112					60	CO2	Demonstrate and analyze the importance of sustainable supply chain practices on business performance.	Moderate-M	Strong-H	-	-	-
112					60	CO3	Construct the tools and techniques of developing sustainable the supply chain	Strong-H	Moderate-M	-	-	-
112					60	CO4	Design and develop sustainable supply chain performance optimization model.	Moderate-M	Moderate-M	-	-	-
112					60	CO5	Analyze the different best practices for sustainable supply chain management.	Moderate-M	-	Moderate-M	-	-
113	SEM IV	020241409 - PP	T2182	Technology in Supply Chain	60	CO1	1. To review different technologies for enabling functioning of Supply Chains	-	-	Strong-H	-	Strong-H
113					60	CO2	2. To analyze and evaluate opportunities and risk factors in various supply chain technologies	-	-	Strong-H	-	Strong-H
113					60	CO3	3. To discuss emerging trends in technologies in SCM	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
114	SEM IV	020241410 - PP	T2190	Operations Planning and Scheduling	60	CO1	To analyze the characteristics of detailed capacity planning process.	-	-	-	-	-
114					60	CO2	To examine supply and demand planning for mid to long term demand.	Moderate-M	-	-	Strong-H	-
114					60	CO3	To analyze translation of the product level plans and schedules into requirements	Moderate-M	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
115	SEM IV	020241411 - PP	T2290	Leadership and Capacity Building	60	CO1	Help individuals understand how to develop their leadership capabilities to influence various facets of organizational life.	Moderate-M	-	Moderate-M	-	Moderate-M
115					60	CO2	2. Analyze and evaluate different sources of power and influence to enhance one's own growth and growth of one' team.	Moderate-M	-	Moderate-M	-	Moderate-M
115					60	CO3	3. Evaluating the difference between a successful manager and an ethical leader.	Moderate-M	-	Moderate-M	-	Moderate-M
116	SEM IV	020241412 - PP	T2297	HRD Audit and Scorecard	60	CO1	The objective of this course is to provide valuable insight about the meaning and need for HRD audit and scorecard.	-	-	-	-	-
116					60	CO2	The course intends to provide comprehensive evaluation of HR functions in an effort to align it with business goals and strategies	-	-	-	-	-
117	SEM IV	020241413 - PP	T2282	Social Media in Human Resource Management	60	CO1	Creating & Sustaining Remote Work Programmes in Organization	Moderate-M	-	-	-	-
117					60	CO2	Analyze the use of Social Media in different Human Resource functions	Strong-H	-	-	-	-
117					60	CO3	Determine the value proposition for your organization's brand through SM	Weak-L	-	-	-	-
117					60	CO4	Design social media actions to select external and internal talent	Strong-H	-	-	-	-
117					60	CO5	Create a plan for developing and deploying a social media policy in your organization	Strong-H	-	-	-	-

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of International Business Programme Name : Master of Business Administration (Agri Business)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA2	Global citizenship: ethical, social and professional understanding	PO1	Domain knowledge-Apply domain knowledge progressively by understanding Agri business processes and practices.
2	GA2	Global citizenship: ethical, social and professional understanding	PO2	Ethics - Practice value-based learning by understanding and demonstrating ethical practices through sustained efforts
3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	Managerial Skills-Exhibit managerial skills to solve local and global business complexities in field of Agri Business

4	GA2	Global citizenship: ethical, social and professional understanding	PO4	Global competencies -Demonstrate global competence, cultural sensitivity and adaptability to face the challenges of Agri business environment.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Industry Readiness-Perform in accordance with industry expectations and serve society at large.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
1	SEM I	020242101 - PP	T2818	Agricultural Economics	60	CO1	It will help students to discover how firms attempt to reach optimal managerial decisions in the face of constraints	-	-	Strong-H	-	-
1					60	CO2	Will enable the student to understand and interpret business situations and environment, using a quantitative and analytical approach.	-	-	Strong-H	-	-
1					60	CO3	Will enable the student to apply economic principles in managerial decision problems using economic reasoning.	-	-	Strong-H	Moderate-M	-
2	SEM I	020242102 - PP	T2217	Business Statistics	60	CO1	students will be able to present, analyze and interpret data.	Strong-H	-	Strong-H	Strong-H	Strong-H
2					60	CO2	students will be able to apply statistical, analytical skills to enable them to make the optimum decisions.	-	-	Moderate-M	Strong-H	Strong-H
2					60	CO3	students will be able to calculate different statistical tools and its use in decision making.	Strong-H	-	Strong-H	Strong-H	Strong-H
2					60	CO4	students will be able to draw inferences from samples collected from large datasets.	Moderate-M	-	-	-	-
2					60	CO5	students will be able to understand the significance of univariate and multivariate statistical techniques and their applications in different business domains.	Strong-H	Strong-H	-	Moderate-M	Moderate-M
3	SEM I	020242103 - PP	T2116	Marketing Management	60	CO1	To understand the basic concepts of marketing	-	-	Strong-H	-	-
3					60	CO2	To understand the application of theoretical concepts in various industry	-	-	-	-	Strong-H
3					60	CO3	To correlate the theory with practice	Strong-H	-	-	-	-
4	SEM I	020242104 - PP	T3439	Advance Data Driven Decision Making	60	CO1	To Understand and recognize the significance of data and data analysis in the Business Scenarios for facilitatating decision making by managers	-	-	Strong-H	-	-
4					60	CO2	To apply various tools of spreadsheet application for data management and data analysis .	-	Moderate-M	Strong-H	-	-
4					60	CO3	To analyze large datasets and evaluate decision making	Moderate-M	-	Strong-H	-	-
5	SEM I	020242105 - PP	T2374	Agri Supply Chain Management	60	CO1	Students should know basic Supply Chain Management concepts in Agri Business context, important issues pertaining to effective and efficient supply chain networks, and its performance measures.	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M
5					60	CO2	To analyse the drivers of supply chain	Strong-H	Strong-H	Strong-H	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
5					60	CO3	To evaluate alternative strategies for supply chain in agribusiness	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
6	SEM I	020242106 - PP	T2778	Basics of Financial Management	60	CO1	Develop an analytical approach to corporate finance decision making	Moderate-M	-	-	-	-
6					60	CO2	Apply & analyse the concepts in real life situations.	Moderate-M	-	-	-	-
6					60	CO3	Evaluate various theories related to different concepts	Moderate-M	-	Moderate-M	-	-
7	SEM I	020242107 - PP	T2239	Business Communication	60	CO1	To understand the meaning and importance of communication in current globalized scenario.	Moderate-M	-	-	Moderate-M	Strong-H
7					60	CO2	To communicate effectively in a professional environment.	Strong-H	Moderate-M	Moderate-M	Moderate-M	-
7					60	CO3	To overcome communication barriers by using tools and methods of effective communication.	Strong-H	Moderate-M	Moderate-M	Moderate-M	-
7					60	CO4	To effectively use latest communication technologies.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
8	SEM I	020242108 - PP	T2003	Financial Accounting	60	CO1	Knowledge of the accounting cycle	-	-	Strong-H	-	-
8					60	CO2	Ability to evaluate financial results through examination of relevant data (i.e., income statement, balance sheet, cash flow statement and budgets)	-	-	Strong-H	-	-
8					60	CO3	Knowledge of accounting principles and techniques	Strong-H	Moderate-M	Strong-H	-	-
9	SEM I	020242109 - PP	T2572	Human Resource Management	60	CO1	Recall basic human resource management functions and concepts	Moderate-M	-	Moderate-M	-	-
9					60	CO2	Identify people related issues in organizations	Strong-H	-	-	-	-
9					60	CO3	Apply and Solve Organizational Human Resource issues ethically	-	-	-	Strong-H	-
9					60	CO4	Interpret Human Resource policies and practices appropriately keeping in mind the local and the global context	Moderate-M	-	Moderate-M	-	Moderate-M
10	SEM I	020242110 - PP	T2253	Strategic Management	60	CO1	1. Students will get a comprehensive understanding of the entire process of creating and implementing strategy in organizations	Strong-H	Moderate-M	Moderate-M	Moderate-M	-
10					60	CO2	2. Students will understand the issues that need to be focused upon while developing strategy and develop the ability to interpret organizational strategies	Moderate-M	-	-	-	-
10					60	CO3	5. Students should be able to compare and contrast strategies related to change management decisions	Moderate-M	-	-	-	-
10					60	CO4	4. Students would be able to analyse the implementation of strategy with relation to the culture and structure of the firm	Moderate-M	-	-	-	-
11	SEM I	020242111 - PP	T2819	Introduction to Agriculture	60	CO1	to Understand basic concepts (including history of, resources needed, and the future of) production agriculture	Strong-H	Moderate-M	Strong-H	Moderate-M	-
11					60	CO2	To develop familiarity with common terminologies in Agriculture	Strong-H	Strong-H	Strong-H	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
11					60	CO3	Become familiar with the various fields of agriculture	Strong-H	Moderate-M	Moderate-M	-	-
12	SEM I	020242112 - PP	T2885	Introduction to Micro Finance	60	CO1	To develop an understanding of key issues and debates in microfinance	Moderate-M	Moderate-M	Moderate-M	-	-
12					60	CO2	To analyse the different delivery mechanism of microfinance	Strong-H	Strong-H	Moderate-M	-	-
12					60	CO3	To know the difference between a commercial and a social enterprise	Strong-H	Strong-H	Moderate-M	-	-
13	SEM I	020242113 - PP	T4665	Well for Life	60	CO1	Acquire knowledge and skills for life long participation in physical activity	Moderate-M	Moderate-M	-	-	-
13					60	CO2	Improving quality of life through practice of yoga	Strong-H	Moderate-M	-	-	-
13					60	CO3	Achieving optimum health benefits	Moderate-M	Moderate-M	-	-	-
13					60	CO4	To improve physical and mental well-being.	Moderate-M	Moderate-M	Moderate-M	-	-
14	SEM I	020242114 - PP	T6014	Basic French I-AB	60	CO1	Insight about French culture and society	-	Strong-H	-	-	-
14					60	CO2	Utilize effective communication skills	Moderate-M	-	-	-	-
14					60	CO3	Assess and communicate information	-	Moderate-M	-	-	-
14					60	CO4	Personal and individual development	-	-	Strong-H	-	-
14					60	CO5	Identify day to day situations and converse effectively using acquired domain knowledge	Strong-H	-	-	-	-
15	SEM I	020242115 - PP	T6016	Basic Spanish I-AB	60	CO1	To speak basic Spanish	-	-	-	-	Strong-H
15					60	CO2	To understand and listen basic Spanish	Strong-H	-	-	-	-
15					60	CO3	To read basic Spanish	-	Strong-H	-	-	-
15					60	CO4	To write basic Spanish	Moderate-M	-	-	-	-
16	SEM I	020242116 - PP	T6012	Basic German I-AB	60	CO1	Speaking skills: Basic communication; usage of colloquial language e.g. introducing oneself and others, ordering in a restaurant, booking tickets, describing the way, shopping, expressing likes and dislikes, using simple and general-specific German terms and expressions etc.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
16					60	CO2	Reading skills: Comprehending the gist of simple texts related to everyday life, selective and global understanding of texts, highlighting the cultural aspects etc.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
16					60	CO3	Listening skills: Can understand simple authentic audio texts, pronunciation, accent, intonation, simple sentences, common structures and words from important everyday situations (e.g. basic personal and family information, shopping, local area	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
16					60	CO4	Writing skills: Ability to construct simple sentences related to oneself as well as others, filling official forms, etc	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
16					60	CO5	Grammar: Exposure to some simple aspects and rules of grammar in order to facilitate sentence formation	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
17	SEM I	020242117 - PP	T6674	Basic Japanese I-AB	60	CO1	To speak basic Japanese	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
17					60	CO2	To understand and listen basic Japanese	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
17					60	CO3	To read basic Japanese	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
17					60	CO4	To write basic Japanese	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
18	SEM II	020242201 - PP	T2358	Agri Finance	60	CO1	To understand the present status of Agriculture finance in India	Strong-H	-	-	-	-
18					60	CO2	To analyse and discuss various controversial issues in Agriculture finance	-	Strong-H	-	-	-
18					60	CO3	To learn the project appraisal techniques	-	-	-	-	-
19	SEM II	020242202 - PP	T2036	Financial Management	60	CO1	To develop an analytical practical approach in corporate finance decision making	Strong-H	Strong-H	-	-	-
19					60	CO2	To analyse and apply the concepts in real corporate projects	-	-	-	Strong-H	-
19					60	CO3	Evaluate the different concepts and theories	-	-	-	-	Strong-H
20	SEM II	020242203 - PP	T2743	Rural Marketing	60	CO1	To understand the level of penetration of products and services in Rural areas	-	Strong-H	-	-	-
20					60	CO2	To analyse the changing behaviour of rural consumers	-	-	-	Strong-H	-
20					60	CO3	To analyse the concepts of marketing in the context of rural areas	-	-	-	-	Strong-H
21	SEM II	020242204 - PP	T2373	Agri Input Marketing	60	CO1	1. Students will predict the demand of agro input from the sector.	Moderate-M	-	-	-	-
21					60	CO2	2. Students will analyse the market for agro input.	Moderate-M	-	-	-	-
21					60	CO3	3. Students will formulate the strategy to market the agricultural input.	Strong-H	Strong-H	-	-	-
22	SEM II	020242205 - PP	T2006	Cost Accounting	60	CO1	Describe how cost accounting is used for decision making and performance evaluation.	-	Moderate-M	-	-	-
22					60	CO2	Explain the basic concept of cost and how costs are presented in financial statements.	-	-	-	-	Strong-H
22					60	CO3	Demonstrate how materials, labor and overhead costs are added to a product at each stage of the production cycle	-	-	-	Strong-H	-
23	SEM II	020242206 - PP	T2220	Operations Research	60	CO1	students will be able to synthesize and solve real life decision making problems in operations industry.	-	-	-	Moderate-M	-
23					60	CO2	students will be able to capitalize on the power of Operations Research (OR) in resource management .	-	-	-	-	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
23					60	CO3	students will be able to calculate different operations research tools and its use in decision making.	Strong-H	-	-	-	-
23					60	CO4	students will be able to formulate decision making models encountered in businesses.	-	Strong-H	-	-	-
23					60	CO5	students will be able to analyze business problems using the power of well- known operational research tools and techniques.	Moderate-M	-	-	-	-
24	SEM II	020242207 - PP	T2573	Organizational Behaviour	60	CO1	Understand basic Organizational Behavior concepts.	-	-	-	-	Moderate-M
24					60	CO2	Describe how organizational behavior issues affect the performance and effectiveness of the individuals, groups and organizations.	-	-	-	-	-
24					60	CO3	Applying, implementing solutions for resolving Organizational Behavior Issues ethically in the organizations. Solve Organizational and Human Resource issues ethically	Strong-H	-	-	-	-
24					60	CO4	Analyzing, Critiquing the Organizational Behavior related issues, practices	Moderate-M	-	-	-	-
24					60	CO5	Enhancing Interpersonal skills, people skills and managing people effectively	-	Strong-H	-	-	-
25	SEM II	020242208 - PP	T2136	Sales Force and Channel Management	60	CO1	Introduction to sales management	-	-	-	-	Strong-H
25					60	CO2	To understand the sales force functions	Moderate-M	-	-	-	-
25					60	CO3	sales budgeting and forecasting	Moderate-M	-	-	-	-
26	SEM II	020242209 - PP	T2513	Marketing Research	60	CO1	Understanding of contemporary applications of market research.	-	-	-	Strong-H	-
26					60	CO2	Analytical skills and proficiency in the applications of advanced statistical tools and techniques.	-	-	-	-	Strong-H
26					60	CO3	Design and implementation of a market research project.	Moderate-M	-	-	-	-
26					60	CO4	Interpretation and communication of market research findings.	-	-	-	-	-
27	SEM II	020242210 - PP	T2817	Advances in Agriculture	60	CO1	To Learn Various Agri Extension techniques	-	Moderate-M	-	-	-
27					60	CO2	To Learn various revolution in agriculture to increase production and productivity of crops	-	-	-	-	Strong-H
27					60	CO3	To learn tools and techniques of soil conservation in agriculture	Moderate-M	-	-	-	-
27					60	CO4	To understand recent developments in agriculture	-	-	Moderate-M	-	-
28	SEM II	020242211 - PP	T2378	Flexi-Credit Course	60	CO1	Export Import Knowledge Application to business	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
28					60	CO2	Can start up their own Export Import Business	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
29	SEM II	020242212 - PP	T2370	Flexi-Credit Course	60	CO1	To Learn the fundamentals of commodity markets through derivatives.	Strong-H	Strong-H	Strong-H	-	-
29					60	CO2	To access the demand supply fundamentals for agricultural commodities.	Strong-H	Strong-H	Strong-H	-	-
29					60	CO3	To learn risk management for commodities in agri markets.	Strong-H	Strong-H	Strong-H	-	-
30	SEM II	020242213 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Moderate-M	Moderate-M	Moderate-M	-	-
30					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Moderate-M	Moderate-M	Moderate-M	-	-
30					60	CO3	To train students to perform First aid and CPR in an emergency..	Moderate-M	Moderate-M	Moderate-M	-	-
30					60	CO4	Emergency methods for carrying of casualty,Rescue operation in different types of Emergencies,Rescue operation in different types of Emergencies	Moderate-M	Moderate-M	-	-	-
30					60	CO5	Accident Prevention, Reporting, Registration Investigation	Moderate-M	Moderate-M	Moderate-M	-	-
30					60	CO6	Fire -Home Safety, Workplace Safety	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
30					60	CO7	First - Aid	Moderate-M	Moderate-M	-	-	-
31	SEM II	020242214 - PP	T6015	Basic French II-AB	60	CO1	Insight about French culture and society	Moderate-M	Moderate-M	-	-	Strong-H
31					60	CO2	Utilize effective communication skills	-	-	-	Strong-H	-
31					60	CO3	Assess and communicate information	-	-	Moderate-M	-	-
31					60	CO4	Personal and individual development	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
31					60	CO5	Identify day to day situations and converse effectively using acquired domain knowledge	-	-	-	Strong-H	-
32	SEM II	020242215 - PP	T6017	Basic Spanish II-AB	60	CO1	Insight about French culture and society	-	Strong-H	-	-	-
32					60	CO2	Utilize effective communication skills	-	-	-	-	Strong-H
32					60	CO3	Assess and communicate information	-	Moderate-M	-	-	-
32					60	CO4	Personal and individual development	Strong-H	-	-	-	-
32					60	CO5	Identify day to day situations and converse effectively using acquired domain knowledge	-	Strong-H	-	-	-
33	SEM II	020242216 - PP	T6013	Basic German II-AB	60	CO1	Insight about French culture and society	-	-	-	Strong-H	-
33					60	CO2	Utilize effective communication skills	-	-	-	-	Strong-H
33					60	CO3	Assess and communicate information	-	Strong-H	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
33					60	CO4	Personal and individual development	-	Moderate-M	-	-	-
33					60	CO5	Identify day to day situations and converse effectively using acquired domain knowledge	-	-	-	Strong-H	-
34	SEM II	020242217 - PP	T6675	Basic Japanese II-AB	60	CO1	To speak basic Japanese	-	-	-	-	-
34					60	CO2	To understand and listen basic Japanese	-	-	-	-	-
34					60	CO3	To read basic Japanese	-	-	-	-	-
34					60	CO4	To write basic Japanese	-	-	-	-	-
34					60	CO5	Identify day to day situations and converse effectively using acquired domain knowledge	Moderate-M	-	-	-	-
35	SEM III	020242301 - PP	T2369	Agri Retail Management	60	CO1	Introduction to agri retailing and Indian retail senario of Food and grocery model	-	-	-	-	Strong-H
35					60	CO2	Types of agri retail business model , marketing and operational strategy	Strong-H	-	-	-	-
35					60	CO3	Corporate learning from various corporate F&G retail business model , Godrej Nature fresh, Subiksha , Dmart , chaupal sagar	-	Strong-H	-	-	-
35					60	CO4	Financial strategy in retail, formats & location , layout decision , Merchandise planning , private label management	-	-	-	Strong-H	-
35					60	CO5	Retail communication , pricing and supplychain models	-	-	-	Strong-H	-
36	SEM III	020242302 - PP	T2371	Agri Project Risk Management	60	CO1	To identify and characterize the risks in agriculture project management.	Strong-H	-	-	-	-
36					60	CO2	To access the vulnerability of critical assets to specific threats.	-	Strong-H	-	-	-
36					60	CO3	To identify the ways to reduce the risks.	Moderate-M	-	-	-	-
37	SEM III	020242303 - PP	T2255	Advanced Strategic Management	60	CO1	Evaluate strategic situations and recommend decisions based on analysis using the tools taught in the course	Strong-H	-	-	-	-
37					60	CO2	Recommend the use of suitable strategic planning methods, approaches for innovation in order to drive competitive advantage for the firm	-	-	-	-	Strong-H
38	SEM III	020242304 - PP	T2375	Strategic SCM in Agriculture	60	CO1	To apply strategic planning and decision making in supply Chain.	-	Strong-H	-	-	-
38					60	CO2	To solve actual problems encounter in today's market place.	Strong-H	-	-	-	-
38					60	CO3	To Understand the best practices in various supply chain situations	-	Strong-H	-	-	-
39	SEM III	020242305 - PP	T3392	ERP-Business Process Integration	60	CO1	To Understand and recognize the significance of Enterprise Resource Planning in the Business perspective and for managers with reference to various modules	-	Moderate-M	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
39					60	CO2	To apply the concepts of ERP using SAP as a platform with Accounting , Materials Managment and Sales business process.	-	-	-	-	Strong-H
39					60	CO3	To analyze the business scenario and implement the Accountinng, Procurement and Sales Process for a IDE company using the selected dataset on SAP platform	Moderate-M	-	-	-	-
39					60	CO4	To evaluate various reports, master data and organisation structure for the Accounting, Procurement and Sales process for the selected data set.	-	-	Moderate-M	-	-
40	SEM III	020242306 - PP	T2372	New Product Development in Agriculture	60	CO1	To apply strategic planning and decision making in New Product Development (NPD)	-	-	-	Moderate-M	-
40					60	CO2	To solve actual problems encounter in today's market place & organissations relating to acceptance of new products	-	-	-	-	Moderate-M
40					60	CO3	To understand & adapt the best practices involved in various aspectys of New Product Development	Strong-H	-	-	-	-
41	SEM III	020242307 - PP	T2403	Business and Social Impact Management	60	CO1	Students should be able to understand and explain the basic concepts of triple bottom line and its relevance to society, equity and development	-	Strong-H	-	-	-
41					60	CO2	Students should be able to explain and analyse the strategies involves in corporate social activities and its impact on the society and business	Moderate-M	-	-	-	-
41					60	CO3	Students should be able to organize and assess the social impact of the projects	-	Moderate-M	-	-	-
42	SEM III	020242308 - PP	T2364	Export Potential Analysis for Agri Products	60	CO1	Identify factors that indicate strong potential export markets	Strong-H	Strong-H	Strong-H	-	Strong-H
42					60	CO2	Identify major governmental and non governmental sources of information for import and export	Strong-H	Moderate-M	Strong-H	Strong-H	-
42					60	CO3	to analyse the various documentation processes for export and import	Strong-H	Moderate-M	Moderate-M	-	Moderate-M
43	SEM III	020242309 - PP	T2904	Internship	60	CO1	Provide field based learning and application of course curriculum	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
43					60	CO2	Assess business processes through experiential learning techniques, tools and methodologies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
43					60	CO3	Analyze results obtained from interdisciplinary management project areas	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
43					60	CO4	Conduct market research, feasibility assessments through field, desk studies	Moderate-M	Moderate-M	Moderate-M	-	-
44	SEM III	020242310 - PP	T2828	Six Sigma	60	CO1	Describe the concepts of Six Sigma as a quality improvement tool.	-	-	-	Strong-H	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
44					60	CO2	Explain the complete DMAIC cycle in detail	-	-	-	-	Strong-H
44					60	CO3	Analyze when and how to use Six Sigma as a tool for process improvement.	Moderate-M	-	-	-	-
44					60	CO4	Analyze different cases of Six Sigma implementation	-	-	-	-	-
44					60	CO5	Apply Six Sigma concepts using software systems	-	Strong-H	-	-	-
45	SEM III	020242311 - PP	T2227	Business Analytics	60	CO1	To gain an understanding of how managers use business analytics	-	-	-	Strong-H	-
45					60	CO2	To formulate and solve business problems and to support managerial decision making.	-	-	-	-	Strong-H
45					60	CO3	To become familiar with the processes needed to develop, report, and analyze business data.	Strong-H	-	-	-	-
45					60	CO4	To learn how to use and apply Excel and Excel add-ins to solve business problems	-	Strong-H	-	-	-
45					60	CO5	To become familiar with various Data Visualization Techniques / algorithms	-	-	Strong-H	-	-
46	SEM III	020242312 - PP	T2031	Retail Banking	60	CO1	To study concepts, theory and practices adopted in Retail banking	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
46					60	CO2	To understand and analyse various deposit schemes offered by banks	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
46					60	CO3	To understand and analyse various loan schemes offered by banks	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
46					60	CO4	To understand role and functions of Reserve Bank of India	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
46					60	CO5	To demonstrate various daily functions performed in a branch.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
47	SEM III	020242313 - PP	T2118	Consumer Behaviour	60	CO1	To understand the concept of consumer behavior	Strong-H	-	Strong-H	Strong-H	Strong-H
47					60	CO2	To apply the knowledge of consumer behavior in strategy & communication	-	-	Strong-H	-	Strong-H
48	SEM III	020242314 - PP	T2130	Brand Management	60	CO1	To develop understanding on fundamentals of branding, Challenges and Opportunities	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
48					60	CO2	To explore the important issues in planning, implementing of brand management programs	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
48					60	CO3	To develop understanding on measurement and interpretation of brand performance	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
48					60	CO4	To provide appropriate concepts, theories, models to understand branding decisions	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
48					60	CO5	To understand how to grow and sustain brand equity for brand expansion and revitalization	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
49	SEM III	020242315 - PP	T2649	Management of International Operations	60	CO1	Analyse concepts for managing operations and develop operational strategy in the global economy.	-	-	-	-	Strong-H
49					60	CO2	Compare Operations Functions of different organizations	Moderate-M	-	-	-	-
49					60	CO3	Create Operational Plan for the organizations	Moderate-M	-	-	-	-
50	SEM III	020242316 - PP	T2290	Leadership and Capacity Building	60	CO1	Help individuals understand how to develop their leadership capabilities to influence various facets of organizational life.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
50					60	CO2	Analyze and evaluate different sources of power and influence to enhance one's own growth and growth of one's team.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
50					60	CO3	Evaluating the difference between a successful manager and an ethical leader.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
51	SEM III	020242317 - PP	T2329	Retail Distribution and Logistics	60	CO1	Understand role of distribution and logistics in organized retail sector	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
51					60	CO2	Understand and analyse issues arising in warehousing operation and generic strategies to address the problem	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
51					60	CO3	Types of inventory and analyzing its impact of the operating cost and margins of the business .Learning to formulate strategies to address the issue	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
51					60	CO4	Understand the process of inbound and out bound logistics and key contributors to the process in organized retail . Key issues involved and process to address the same	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
51					60	CO5	Distribution and logistics issues in value retailing and role of informaion technology in streamlining the process . Channel members and their power	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
52	SEM III	020242318 - PP	T2862	Business Statistics with R	60	CO1	students will be able to present, analyze and interpret data.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
52					60	CO2	To enable students to use concepts of probability in business situations.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
52					60	CO3	To enable students to make inferences from samples drawn from large datasets.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
53	SEM IV	0202420404 - PP		Digitl Marketing	60	CO1	Assess and analyses Internet marketing and further utilize it for marketing communication options.	Moderate-M	-	-	-	-
53					60	CO2	Compare and contrast different tools and techniques available for Digital marketing and suggest in final marketing strategy.	-	-	-	-	-
53					60	CO3	Evaluate and prepare digital marketing strategies using latest trends	-	-	-	-	-
54	SEM IV	020242402 - PP	T2360	Processing & Value chain in Agriculture	60	CO1	To analyse different food processing techniques of agro processing industry.	Moderate-M	-	-	-	-
54					60	CO2	To understand value chain and different schemes and policies associated.	Moderate-M	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
54					60	CO3	To analyse and compare food processing policies of different countries.	-	-	Moderate-M	-	-
55	SEM IV	020242403 - PP	T2379	Sector Specific Projects in Agricultural SCM	60	CO1	To analyse the roles, responsibilities and functioning of Supply chain for Agri commodities	-	-	Moderate-M	-	-
55					60	CO2	to study various SOPs and processes in supply chain operations	Moderate-M	-	-	-	-
56	SEM IV	020242407 - PP	T2180	Supply Chain Performance Measurement	60	CO1	Demonstrate understanding of Supply Chain Performance Measurement Tools and Methods	Moderate-M	-	-	-	-
56					60	CO2	Make use of different Supply Chain Performance Measurement Tools to Design & Analyze Supply Chains	-	Moderate-M	-	-	Moderate-M
57	SEM IV	020242408 - PP	T2498	Financial Statement Analysis	60	CO1	FSA Intro and type of analysis	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
57					60	CO2	BS and Cash flow analysis (actual company) in relation with Business analysis	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
57					60	CO3	Components of BS and P&L, Case on Cash basis & Accrual basis accounting	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
57					60	CO4	Annual Report, P&L analysis (actual company) in relation with Business analysis	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
57					60	CO5	BS and Cash flow analysis (actual company) in relation with Business analysis	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
57					60	CO6	Techniques of FSA, Common size	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
57					60	CO7	Ratio Analysis Contd + Quiz + Cash flow in detail Internal Assessment + Presentations Internal Assessment + Presentations	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
58	SEM IV	02042401 - PP		Dissertation	60	CO1	"Provide students with an opportunity to conduct research using qualitative and quantitative techniques "	Strong-H	Strong-H	Strong-H	-	-
58					60	CO2	Assess business processes through experiential learning techniques, tools and research methodologies	Strong-H	Strong-H	Strong-H	-	-
58					60	CO3	Analyze results obtained from interdisciplinary management project areas	Strong-H	Strong-H	Strong-H	-	-
58					60	CO4	Interpret and recommend solutions to emerging issues in management disciplines"	Strong-H	Strong-H	Strong-H	-	-

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of International Business Programme Name : Master of Business Administration (Energy and Environment)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA2	Global citizenship: ethical, social and professional understanding	PO1	Exhibit Managerial Skills by applying advanced understanding and problem solving for sustainable challenges.
2	GA3	Eco-literate: sensitivity towards a sustainable environment	PO2	Apply domain knowledge progressively by understanding business processes and practices in the energy environment.
3	GA2	Global citizenship: ethical, social and professional understanding	PO3	Practice value-based learning by understanding and following ethical and responsible business practices.
4	GA3	Eco-literate: sensitivity towards a sustainable environment	PO4	Demonstrate competencies, sensitivity and adaptability to deal with the challenges of global business environment.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Perform in accordance with industry expectations and serve society at large.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
1	SEM I	020243101 - PP	T2217	Business Statistics	60	CO1	students will be able to present, analyze and interpret data.	Moderate-M	-	Moderate-M	-	-
1					60	CO2	students will be able to apply statistical, analytical skills to enable them to make the optimum decisions.	Moderate-M	-	Moderate-M	-	-
1					60	CO3	students will be able to calculate different statistical tools and its use in decision making.	Moderate-M	-	Moderate-M	-	-
1					60	CO4	students will be able to draw inferences from samples collected from large datasets.	Moderate-M	-	Moderate-M	-	-
1					60	CO5	students will be able to understand the significance of univariate and multivariate statistical techniques and their applications in different business domains.	Moderate-M	-	Moderate-M	-	-
2	SEM I	020243102 - PP	T2408	Non Renewable Energy Sources	60	CO1	Understand and evaluate various sources of non-renewable energy sources from a business perspective	Moderate-M	-	-	-	-
2					60	CO2	Predict and compute the energy demand scenario in India	-	-	Moderate-M	-	-
2					60	CO3	Relate to appropriate non-conventional energy sources for power generation & management for a business activity	-	-	-	Moderate-M	-
2					60	CO4	Interpret the global energy scenarios in various sectors	-	-	-	-	Moderate-M
3	SEM I	020243103 - PP	T2816	Renewable Energy Sources and Technologies	60	CO1	Relate various sources of renewable energy to energy security	Strong-H	-	-	-	-
3					60	CO2	Compute and predict the renewable energy demand scenario in India	-	Strong-H	-	-	-
3					60	CO3	Describe the fundamentals of various renewable energy conversion processes	Moderate-M	-	-	-	-
3					60	CO4	Identify various factors that impact the performance of the different technologies.	-	Moderate-M	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
3					60	CO5	5. Carry out field projects in the sector of renewable energy.	-	-	-	-	Strong-H
3					60	CO6	6. Choose an approach for renewable energy production & management	-	-	-	Strong-H	-
3					60	CO7	7. Interpret the global renewable energy scenario with Indian Energy scenario	-	-	-	-	Moderate-M
4	SEM I	020243104 - PP	T3439	Advance Data Driven Decision Making	60	CO1	Understand and recognize the significance of data and data analysis in the Business Scenarios for facilitatating decision making by managers	Strong-H	-	-	-	-
4					60	CO2	Apply various tools of spreadsheet application for data management and data analysis .	-	Strong-H	-	-	-
4					60	CO3	Analyze large datasets and evaluate decision making	-	-	-	-	-
5	SEM I	020243105 - PP	T2778	Basics of Financial Management	60	CO1	Develop an analytical approach to corporate finance decision making	Strong-H	-	-	-	-
5					60	CO2	Apply & analyse the concepts in real life situations.	-	-	-	-	Strong-H
5					60	CO3	Evaluate varios theories related to different concepts	-	Strong-H	-	-	-
6	SEM I	020243106 - PP	T2239	Business Communication	60	CO1	Understand the meaning and importance of communication in current globalized scenario.	Moderate-M	-	-	-	Strong-H
6					60	CO2	Communicate effectively in a professional environment.	Strong-H	Moderate-M	Moderate-M	Moderate-M	-
6					60	CO3	Overcome communication barriers by using tools and methods of effective communication.	Strong-H	Moderate-M	Moderate-M	Moderate-M	-
6					60	CO4	Effectively use latest communication technologies.	Strong-H	Moderate-M	Moderate-M	Moderate-M	-
7	SEM I	020243107 - PP	T2412	Climate Change,Carbon Markets andFinancing	60	CO1	Understand global climate change for business and industry relevance	Strong-H	-	-	-	-
7					60	CO2	Relationship between climate change, energy development and economic growth	Moderate-M	-	-	-	-
7					60	CO3	Analyze the impact of climate change and its linkages to resource use and efficiency	-	Strong-H	-	-	-
7					60	CO4	Understand the global carbon market scenario and its importance to regional market mechanisms and financing	-	-	-	Strong-H	-
7					60	CO5	Formulate responses for mitigating business risks from climate change impacts	-	-	-	-	Strong-H
8	SEM I	020243108 - PP	T2442	Environment Impact Assessment	60	CO1	Students will be able to understand and perform the EIA process with respect to Indian scenario.	Moderate-M	-	-	-	-
8					60	CO2	Students will be able to compare the Indian EIA process with other developing and developed countries	-	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
8					60	CO3	To demonstrate and execute the process, applications and institutional mechanism involved in EIA system for energy and environment sector.	-	Strong-H	-	-	-
8					60	CO4	Able to critically analyze the EIA challenges and issues in Indian context	-	-	-	Strong-H	-
8					60	CO5	Students will be able to apply the methodologies of EIA for execution process	-	-	-	-	Strong-H
9	SEM I	020243109 - PP	T2114	Essentials of Marketing Management	60	CO1	Understand the basic concepts of marketing	Strong-H	-	-	-	-
9					60	CO2	Understand the application of theoretical concepts in various industry	-	Strong-H	-	-	-
9					60	CO3	Corelate the theory with practice	-	-	-	-	Strong-H
10	SEM I	020243110 - PP	T2003	Financial Accounting	60	CO1	Knowledge of the accounting cycle	Strong-H	-	-	-	-
10					60	CO2	Ability to evaluate financial results through examination of relevant data (i.e., income statement, balance sheet, cash flow statement and budgets)	-	Strong-H	-	-	-
10					60	CO3	Knowledge of accounting principles and techniques	Moderate-M	-	-	-	-
11	SEM I	020243111 - PP	T2446	Governance and Corporate Sustainability	60	CO1	Understand and apply the corporate governance framework to business	Strong-H	-	-	-	-
11					60	CO2	Interpret the policy and regulatory framework of corporate sustainability	-	Strong-H	-	-	-
11					60	CO3	Choose the appropriate standard for applying the corporate sustainability practices	-	-	Strong-H	-	-
11					60	CO4	Assess various sustainability framework and models for competitive advantage	-	-	-	-	Strong-H
12	SEM I	020243112 - PP	T2572	Human Resource Management	60	CO1	Recall basic human resource management functions and concepts	Strong-H	-	-	-	-
12					60	CO2	Identify people related issues in organizations	-	Strong-H	-	-	-
12					60	CO3	Apply and Solve Organizational Human Resource issues ethically	-	Moderate-M	-	-	-
12					60	CO4	Interpret Human Resource policies and practices appropriately keeping in mind the local and the global context	-	-	-	-	-
13	SEM I	020243113 - PP	T6075	Managerial Economics	60	CO1	Ability to understand basic functions of the economy and market Mechanism	Strong-H	-	-	-	-
13					60	CO2	Evaluate and differentiate markets and analyze product and price functions	-	Strong-H	-	-	-
13					60	CO3	Analyze monetary policy in the view of inflation	Moderate-M	-	-	-	-

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13					60	CO4	Compare the changes in fiscal policy	-	Moderate-M	-	-	-
13					60	CO5	g. Identify the changes in Balance of payments and the impact of CAD on rupee value	-	-	Strong-H	-	-
14	SEM I	020243114 - PP	T4665	Well for Life	60	CO1	Acquire knowledge and skills for life long participation in physical activity	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
14					60	CO2	Improving quality of life through practice of yoga	Moderate-M	Moderate-M	Moderate-M	-	-
14					60	CO3	Achieving optimum health benefits	Moderate-M	Moderate-M	-	-	-
14					60	CO4	To improve physical and mental well-being.	Moderate-M	Moderate-M	Moderate-M	-	-
15	SEM I	020243115 - PP	T6012	Basic German I-EE	60	CO1	Speaking skills: Basic communication; usage of colloquial language e.g. introducing oneself and others, ordering in a restaurant, booking tickets, describing the way, shopping, expressing likes and dislikes, using simple and general-specific German terms and expressions etc.	Moderate-M	-	-	-	-
15					60	CO2	Reading skills: Comprehending the gist of simple texts related to everyday life, selective and global understanding of texts, highlighting the cultural aspects etc.	Moderate-M	-	-	-	-
15					60	CO3	Listening skills: Can understand simple authentic audio texts, pronunciation, accent, intonation, simple sentences, common structures and words from important everyday situations (e.g. basic personal and family information, shopping, local area)	Moderate-M	-	-	-	-
15					60	CO4	Writing skills: Ability to construct simple sentences related to oneself as well as others, filling official forms, etc.	Moderate-M	-	-	-	-
15					60	CO5	Grammar: Exposure to some simple aspects and rules of grammar in order to facilitate sentence formation.	Moderate-M	-	-	-	-
16	SEM I	020243116 - PP	T6014	Basic French I-EE	60	CO1	To speak basic French	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
16					60	CO2	To understand and listen basic French	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
16					60	CO3	To read basic French	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
16					60	CO4	To write basic French	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
17	SEM I	020243117 - PP	T6016	Basic Spanish I-EE	60	CO1	To speak basic Spanish	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
17					60	CO2	To understand and listen basic Spanish	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
17					60	CO3	To read basic Spanish	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
17					60	CO4	To write basic Spanish	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
18	SEM I	020243118 - PP	T6674	Basic Japanese I-EE	60	CO1	To speak basic Japanese	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
18					60	CO2	To understand and listen basic Japanese	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
18					60	CO3	To read basic Japanese	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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18					60	CO4	To write basic Japanese	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
19	SEM II	020243201 - PP	T2413	Energy Audits and Energy Management	60	CO1	Students should be able to categories the electrical and thermal energy systems	Strong-H	-	-	-	-
19					60	CO2	Students should be able to compare Energy Conservation Potential & Opportunities available in energy systems from an energy intensive industry perspective	-	Strong-H	-	-	-
19					60	CO3	Formulate sectoral energy audit plans and processes suitable for specific industries and organisations.	-	-	-	-	Strong-H
20	SEM II	020243202 - PP	T2036	Financial Management	60	CO1	To develop an analytical practical approach in corporate finance decision making	Strong-H	-	-	-	-
20					60	CO2	To analyse and apply the concepts in real corporate projects	-	Strong-H	-	-	-
20					60	CO3	Evaluate the different concepts and theories	-	-	-	Moderate-M	-
21	SEM II	020243203 - PP	T2814	Business and Natural Capital Management	60	CO1	Students will be able to Develop knowledge and capacity for business linkage and biodiversity as a natural capital for sustainable growth	Strong-H	-	-	-	-
21					60	CO2	Student will be able to articulate valuation techniques and concepts of Natural capital management with business operations	-	Strong-H	-	-	-
22	SEM II	020243204 - PP	T2006	Cost Accounting	60	CO1	Describe how cost accounting is used for decision making and performance evaluation.	Strong-H	-	-	-	-
22					60	CO2	Explain the basic concept of cost and how costs are presented in financial statements.	Moderate-M	-	-	-	-
22					60	CO3	Demonstrate how materials, labor and overhead costs are added to a product at each stage of the production cycle	-	Strong-H	-	-	-
23	SEM II	020243205 - PP	T2405	Environment Management Systems	60	CO1	Students will be able to understand and demonstrate concept of EMS and ISO standard	Strong-H	-	-	-	-
23					60	CO2	Students will be able to apply and plan EMS related activities as per the requirement of standard	-	Strong-H	-	-	-
23					60	CO3	Students will be able to analyze and evaluate information as per the ISO standard and challenges in a company	-	-	-	Strong-H	-
23					60	CO4	Students will be able to develop EMS for any process as per the requirement	-	-	-	-	Strong-H
24	SEM II	020243206 - PP	T2385	Export Import Management	60	CO1	Apply knowledge of Export and Import in formulating strategies in international trade	-	Strong-H	-	-	-
24					60	CO2	Demonstrate knowledge of Export and Import Procedures and Documentation	Strong-H	-	-	-	-
24					60	CO3	Solve practical issues faced by the Indian Exporters and Importers	-	-	-	Strong-H	-

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25	SEM II	020243207 - PP	T2387	Global Business Environment	60	CO1	Interpret international issues for designing corporate strategies in a fast changing global environment.	-	Strong-H	-	-	-
25					60	CO2	Compare and contrast how businesses and managers match decisions for creating competitive advantage in the global environment.	-	Moderate-M	-	-	-
25					60	CO3	Analyze the basic macroeconomic relationships as they affect the behaviour of firm in the international context	-	-	-	Strong-H	-
26	SEM II	020243208 - PP	T2528	Management of Operations	60	CO1	Understand the concepts, principles, and problems of operations management, apply various operations management and quality management techniques to understand and improve the execution of Operations of an Organization.	Strong-H	-	-	-	-
26					60	CO2	Apply various tools and techniques to determine the choice of facility locations and determine facility layouts, plan and schedule day to day operations through practical applications .	-	Strong-H	-	-	-
26					60	CO3	Select and use the most appropriate methods and tools for the solution of problems related to materials management including stocking and handling, supplier development and inventory control.	-	-	-	Strong-H	-
26					60	CO4	Understand the importance of maintenance - beyond just being a technical issue , the difference between preventive and breakdown maintenance, and apply most widely used maintenance management tools.	-	-	-	-	Strong-H
27	SEM II	020243209 - PP	T2220	Operations Research	60	CO1	students will be able to synthesize and solve real life decision making problems in operations industry.	-	Strong-H	-	-	-
27					60	CO2	students will be able to capitalize on the power of Operations Research (OR) in resource management .	Strong-H	-	-	-	-
27					60	CO3	students will be able to calculate different operations research tools and its use in decision making.	-	Moderate-M	-	-	-
27					60	CO4	students will be able to formulate decision making models encountered in businesses.	-	-	-	-	Moderate-M
27					60	CO5	students will be able to analyze business problems using the power of well- known operational research tools and techniques.	-	-	-	-	Strong-H
28	SEM II	020243210 - PP	T2573	Organizational Behaviour	60	CO1	Understand basic Organizational Behavior concepts.	Strong-H	-	-	-	-
28					60	CO2	Describe how organizational behavior issues affect the performance and effectiveness of the individuals, groups and organizations.	Moderate-M	-	-	-	-
28					60	CO3	Applying, implementing solutions for resolving Organizational Behavior Issues ethically in the organizations. Solve Organizational and Human Resource issues ethically	-	Strong-H	-	-	-
28					60	CO4	Analyzing, Critiquing the Organizational Behavior related issues, practices	-	Moderate-M	-	-	-

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28					60	CO5	Enhancing Interpersonal skills, people skills and managing people effectively	-	-	-	Moderate-M	-
29	SEM II	020243211 - PP	T2416	Sustainability Standards - Application, Analysis and Reporting	60	CO1	Analysing concepts of corporate sustainability in energy and environment sector for business	Moderate-M	Moderate-M	-	-	Strong-H
29					60	CO2	Examine sustainability systems and processes used in industry and their relevance for society	-	-	-	Strong-H	-
29					60	CO3	Categorise global sustainability standards, methodologies and tools and their applications in industry	-	-	Moderate-M	-	-
29					60	CO4	Evaluate sustainability models and frameworks for application in Business	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
29					60	CO5	Develop sustainability assurance procedures for Business reporting processes	-	-	-	Strong-H	-
30	SEM II	020243212 - PP	T2513	Marketing Research	60	CO1	Understanding of contemporary applications of market research.	Strong-H	-	-	-	-
30					60	CO2	Analytical skills and proficiency in the applications of advanced statistical tools and techniques.	-	Strong-H	-	-	-
30					60	CO3	Design and implementation of a market research project.	-	-	-	Strong-H	-
30					60	CO4	Interpretation and communication of market research findings.	-	-	-	Moderate-M	-
31	SEM II	020243213 - PP	T2152	Flexi-Credit Course	60	CO1	To study & apply marketing planning and decision making in B2B Markets	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
31					60	CO2	To analyse & solve actual problems in the form of case studies encounter in today's B2B market place.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
31					60	CO3	To understand the best practices in various B2B Marketing Management field	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32	SEM II	020243214 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32					60	CO3	To train students to perform First aid and CPR in an emergency..	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32					60	CO4	Emergency methods for carrying of casualty,Rescue operation in different types of Emergencies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32					60	CO5	Accident Prevention, Reporting, Registration Investigation	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32					60	CO6	Fire -Home Safety, Workplace Safety	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32					60	CO7	First - Aid	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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33	SEM II	020243215 - PP	T6013	Basic German II-EE	60	CO1	Insight about German culture and society	Moderate-M	-	-	-	-
33					60	CO2	Utilize effective communication skills	Moderate-M	-	-	-	-
33					60	CO3	Assess and communicate information	Moderate-M	-	-	-	-
33					60	CO4	Personal and individual development	Moderate-M	-	-	-	-
33					60	CO5	Identify day to day situations and converse effectively using acquired domain knowledge	Moderate-M	-	-	-	-
34	SEM II	020243216 - PP	T6015	Basic French II-EE	60	CO1	Insight about French culture and society	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
34					60	CO2	Utilize effective communication skills	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
34					60	CO3	Assess and communicate information	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
34					60	CO4	Personal and individual development	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
34					60	CO5	Identify day to day situations and converse effectively using acquired domain knowledge	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
35	SEM II	020243217 - PP	T6017	Basic Spanish II-EE	60	CO1	Insight about Spanish culture and society	Moderate-M	-	-	-	-
35					60	CO2	Utilize effective communication skills	Moderate-M	-	-	-	-
35					60	CO3	Assess and communicate information	Moderate-M	-	-	-	-
35					60	CO4	Personal and individual development	Moderate-M	-	-	-	-
35					60	CO5	Identify day to day situations and converse effectively using acquired domain knowledge	Moderate-M	-	-	-	-
36	SEM II	020243218 - PP	T6675	Basic Japanese II-EE	60	CO1	Insight about Japanese culture and society	Moderate-M	-	-	-	-
36					60	CO2	Utilize effective communication skills	Moderate-M	-	-	-	-
36					60	CO3	Assess and communicate information	Moderate-M	-	-	-	-
36					60	CO4	Personal and individual development	Moderate-M	-	-	-	-
36					60	CO5	Identify day to day situations and converse effectively using acquired domain knowledge	Moderate-M	-	-	-	-
37	SEM III	020243301 - PP	T3517	Energy Analytics	60	CO1	Understand the linkages between and energy and Information Technology in India and at global level	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
37					60	CO2	Study the techniques related to industry energy efficiency and data analytics through data set mining	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
37					60	CO3	Evaluate energy performance of various industry sectors using application of data analytical tools and simulation	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
38	SEM III	020243302 - PP	T3392	ERP-Business Process Integration	60	CO1	To Understand and recognize the significance of Enterprise Resource Planning in the Business perspective and for managers with reference to various modules	Strong-H	-	-	-	-

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38					60	CO2	To apply the concepts of ERP using SAP as a platform with Accounting , Materials Management and Sales business process.	-	Strong-H	-	-	-
38					60	CO3	To analyze the business scenario and implement the Accountinng, Procurement and Sales Process for a IDE company using the selected dataset on SAP platform	-	-	-	Strong-H	-
38					60	CO4	To evaluate various reports, master data and organisation structure for the Accounting, Procurement and Sales process for the selected data set.	-	-	-	-	Strong-H
39	SEM III	020243303 - PP	T2390	Global Strategic Management	60	CO1	1. Students will get a comprehensive understanding of the entire process of creating and implementing strategy in organizations	Strong-H	-	-	-	-
39					60	CO2	2. Students will understand the issues that need to be focused upon while developing strategy and develop the ability to interpret organizational strategies	Moderate-M	-	-	-	-
39					60	CO3	5. Students should be able to compare and contrast strategies related to change management decisions	-	Strong-H	-	-	-
39					60	CO4	4. Students would be able to analyse the implementation of strategy with relation to the culture and structure of the firm	-	-	-	Strong-H	-
40	SEM III	020243304 - PP	T2409	Electricity Regulatory Issues and Mechanisms	60	CO1	Understand past regulation in the Indian electricity sector	Strong-H	-	-	-	-
40					60	CO2	Overview of current and active regulations for the sector	Moderate-M	-	-	-	-
40					60	CO3	Overview of proposed reforms in the indian electricity sector	Moderate-M	-	-	-	-
40					60	CO4	Analyse the impact of proposed and current polices on key sector players	-	Strong-H	-	-	-
41	SEM III	020243305 - PP	T2767	Industrial Ecology and Waste management	60	CO1	Students should be able to examine existing regulatory policies and frameworks for Industrial ecology.	Strong-H	-	-	-	-
41					60	CO2	Students should be able to analyse the need of industrial ecology and its role in waste management.	Moderate-M	-	-	-	-
41					60	CO3	Students should be able to critically analyze the waste management methods, challenges and issues in Indian context.	-	Strong-H	-	-	-
42	SEM III	020243306 - PP	T2815	Advanced Energy Management	60	CO1	Understand the regulatory process in energy Management in India and at global level	Strong-H	-	-	-	-
42					60	CO2	Study the evaluation techniques related to industry energy efficiency and market mechanisms	Moderate-M	-	-	-	-
42					60	CO3	compare various sectors of industry on energy efficiency parameters	-	-	-	Strong-H	-
43	SEM III	020243307 - PP	T2828	Six Sigma	60	CO1	Describe the concepts of Six Sigma as a quality improvement tool.	Strong-H	-	-	-	-
43					60	CO2	Explain the complete DMAIC cycle in detail	Moderate-M	-	-	-	-

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43					60	CO4	Analyze different cases of Six Sigma implementation	-	Moderate-M	-	-	-
43					60	CO5	Apply Six Sigma concepts using software systems	-	Moderate-M	-	-	-
44	SEM III	020243308 - PP	T2255	Advanced Strategic Management	60	CO1	Evaluate strategic situations and recommend decisions based on analysis using the tools taught in the course	Strong-H	-	-	-	-
44					60	CO2	Recommend the use of suitable strategic planning methods, approaches for innovation in order to drive competitive advantage for the firm	-	Strong-H	-	-	-
45	SEM III	020243309 - PP	T2417	ISO14001 and EnMS 50001 Certification	60	CO1	Analyze global energy and environment practices through understanding of business processes	Strong-H	-	-	-	-
45					60	CO2	Assess the documentation of sectoral energy and environment practices through a structured framework and process.	-	Strong-H	-	-	-
45					60	CO3	Evaluate global benchmark practices in energy and environment management systems	Moderate-M	-	-	-	-
45					60	CO4	Choose best management processes and standards in energy and environment management	-	-	-	Strong-H	-
46	SEM III	020243310 - PP	T2904	Internship	60	CO1	Provide field based learning and application of course curriculum	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
46					60	CO2	Assess business processes through experiential learning techniques, tools and methodologies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
46					60	CO3	Analyze results obtained from interdisciplinary management project areas	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
46					60	CO4	Conduct market research, feasibility assessments through field, desk studies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
47	SEM III	020243311 - PP	T2401	Contracting in Energy Sector	60	CO1	Over View of Contract Management for Projects	Strong-H	-	-	-	-
47					60	CO2	Contracting to arrest Profit Leakage	-	Strong-H	-	-	-
47					60	CO3	Contracting for large Complex Projects	Moderate-M	-	-	-	-
48	SEM III	020243311 - PP	T2193	Project Management	60	CO1	Importance of project management in infrastructure projects	Moderate-M	Strong-H	Moderate-M	Moderate-M	-
48					60	CO2	Relevance and value of business case, feasibility studies, requirement management nad planning a project	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
48					60	CO3	Execution of a project within pre-agreed schedule, cost and quality to meet project requirements	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
48					60	CO4	Project procurement and resource management	Moderate-M	Strong-H	Moderate-M	-	Moderate-M
48					60	CO5	Project risk and stakeholder management	Moderate-M	Strong-H	Moderate-M	Moderate-M	-
49	SEM III	020243312 - PP	T2444	Public Private Partnerships	60	CO1	Analyze stakeholders' requirements to meet PPP objectives	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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49					60	CO2	Establish the criteria for public private partnership	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
49					60	CO3	Choose the appropriate agreement	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
49					60	CO4	Establish key success factors to create successful PPP business model	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
50	SEM III	020243313 - PP	T2425	Oil and Gas-Processing and Distribution	60	CO1	Analyze the hydrocarbon value chain	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
50					60	CO2	Assess the impact of Oil & Gas sourcing (imports) on Indian economy and energy security	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
50					60	CO3	Learn the management of health, safety & environment in the Oil and Gas sector	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
50					60	CO4	Carry out Process/operations mapping of Oil & Gas business	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
51	SEM III	020243314 - PP	T2428	Safety and Quality Management	60	CO1	To understand and explain the basic concepts of EHS values, safety management and its importance for industries	Strong-H	-	-	-	-
51					60	CO2	Students will be able to demonstrate the application of safety management procedures	-	Strong-H	-	-	-
52	SEM III	020243315 - PP	T2655	Renewable Energy Project Development and Finance	60	CO1	Understand the business models for Renewable energy project financing	Strong-H	-	-	-	-
52					60	CO2	Understand the risks in renewable energy projects	Moderate-M	-	-	-	-
52					60	CO3	Understand changing regulations in renewable energy projects	-	-	Strong-H	-	-
52					60	CO4	Overview of financing tools for renewable energy projects in India	-	-	-	Strong-H	-
53	SEM III	020243316 - PP	T2170	Sustainable Supply Chain	60	CO1	To define the three building blocks of sustainability.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
53					60	CO2	To demonstrate and analyze the importance of sustainable supply chain practices on business performance.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
53					60	CO3	To construct the tools and techniques of developing sustainable the supply chain	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
53					60	CO4	To design and develop sustainable supply chain performance optimization model	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
53					60	CO5	To analyze the different best practices for sustainable supply chain management	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
54	SEM III	020243317 - PP	T2415	Green Buildings and Rating Systems	60	CO1	Evaluate the relevance of green buildings and energy systems	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
54					60	CO2	Compare the various processes involved in evaluating green and energy efficient buildings through energy management models	-	Strong-H	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
54					60	CO3	Categories various tools and software used for green building for business	-	-	Strong-H	Moderate-M	Moderate-M
54					60	CO4	Develop processes towards designing a sustainable cities, green building framework and projects	Moderate-M	-	-	-	Strong-H
55	SEM III	020243319 - PP	T2862	Business Statistics with R	60	CO1	students will be able to present, analyze and interpret data.	Strong-H	Moderate-M	Weak-L	Moderate-M	-
55					60	CO2	students will be able to apply statistical, analytical skills to enable them to make the optimum decisions.	Strong-H	Moderate-M	Moderate-M	-	-
55					60	CO3	students will be able to calculate different statistical tools and its use in decision making.	Moderate-M	Moderate-M	Moderate-M	-	-
55					60	CO4	students will be able to draw inferences from samples collected from large datasets.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
55					60	CO5	students will be able to understand the significance of univariate and multivariate statistical techniques and their applications in different business domains.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
56	SEM IV	020243401 - PP	T2703	Dissertation	60	CO1	"Provide students with an opportunity to conduct research using qualitative and quantitative techniques "	Strong-H	Strong-H	Strong-H	-	-
56					60	CO2	Assess business processes through experiential learning techniques, tools and research methodologies	Strong-H	Strong-H	Strong-H	-	-
56					60	CO3	Analyze results obtained from interdisciplinary management project areas	Strong-H	Strong-H	Strong-H	-	-
56					60	CO4	Interpret and recommend solutions to emerging issues in management disciplines"	Strong-H	Strong-H	Strong-H	-	-
57	SEM IV	020243402 - PP	T2403	Business and Social Impact Management	60	CO1	Students should be able to understand and explain the basic concepts of triple bottom line and its relevance to society, equity and development	Strong-H	-	-	-	-
57					60	CO2	Students should be able to explain and analyse the strategies involves in corporate social activities and its impact on the society and business	-	Strong-H	-	-	-
57					60	CO3	Students should be able to organize and assess the social impact of the projects	-	-	Strong-H	-	-
58	SEM IV	020243404 - PP	T2145	Sustainable Marketing	60	CO1	Understand and apply the sustainability Principles in business	Moderate-M	-	Moderate-M	-	Moderate-M
58					60	CO2	Understanding concept theories and framework of environmental sustainability through sustainable marketing values	Moderate-M	-	Moderate-M	-	Moderate-M
58					60	CO3	Understanding the role of ethics and morality in marketing	Moderate-M	-	Moderate-M	-	Moderate-M
58					60	CO4	Developing insight into the corporate responsibility towards the society	Moderate-M	-	Moderate-M	-	Moderate-M

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Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
3					60	CO4	Experiment with out of the box thinking which will them to develop innovative marketing strategies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
3					60	CO5	Experiential learning through data-driven approach and application of digital marketing	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
4	SEM I	020341104 - PP	T2572	Human Resource Management	60	CO1	Define the basic Concepts , functions, scope and technques in HRM	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
4					60	CO2	Analyse the various contemporary issue in current scenario	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
4					60	CO3	Apply and Demonstrate the HR skills	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
4					60	CO4	Develop the Ability Interpret and communicate Various HR policies	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
5	SEM I	020341105 - PP	T2035	Introduction to Financial Management	60	CO1	To understand the basic concepts of Financial Management and also the financial environment of business, including financial markets and regulatory framework	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
5					60	CO2	To understand the characteristics of long term and short term financial planning, principles of risk & return, cost of capital and related theories, including their practical application	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
5					60	CO3	To understand the importance and application of Capital Structuring, Capital Budgeting, Working Capital Management and Dividend Decisions in Financial Management functions	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
5					60	CO4	To appreciating the concept of Time Value of Money, with ability to demonstrate analytical and computational skills while applying the concept in various areas of Financial Management	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
5					60	CO5	To develop a broad understanding of areas like analysis of financial statements, financial distress, mergers & acquisitions, leverage, valuation of equity and bonds, etc.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
6	SEM I	020341106 - PP	T2777	Management Accounting	60	CO1	To understand the concepts and fundamentals of management accounting	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
6					60	CO2	To apply the concepts in managerial planning, decision making, controlling;	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
6					60	CO3	To evaluate alternative solutions to given problem and to arrive at decisions	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
6					60	CO4	To use management accounting tools and techniques for estimating and evaluating	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
7	SEM I	020341107 - PP	T2528	Management of Operations	60	CO1	Understanding basic Concepts , scope and technques in Ops Mgm	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
7					60	CO2	Examining strategic importance of operations management across various sectors	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
7					60	CO3	Understanding value creation & analysing ways of making it more effective	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
7					60	CO4	Understanding impact of conversion processes on customer satisfaction	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
8	SEM I	020341108 - PP	T2220	Operations Research	60	CO1	Develop a general understanding of the Operational Research (OR) approach to decision making.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
8					60	CO2	Model a real-world problem, given in words, into a mathematical formulation.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
8					60	CO3	Solve larger problems, communicate technical knowledge, partition a problem into smaller tasks, and complete tasks on time.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
8					60	CO4	Analyse decision environment and propose the best strategy using decision making methods.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
8					60	CO5	Demonstrate analytical approach to decision making	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
9	SEM I	020341109 - PP	T2573	Organizational Behaviour	60	CO1	Describes how OB affects performance and effectiveness	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
9					60	CO2	Understand dynamics of group behavior	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
9					60	CO3	Understand basic framework of human behavior	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
9					60	CO4	Understand basic framework of human behavior	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
10	SEM I	020341110 - PP	T2225	Research Methodology	60	CO1	Comprehension of research issues	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
10					60	CO2	Ability to identify research questions and formulate research hypotheses	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
10					60	CO3	Ability to understand and apply various techniques of research design and data collection	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
10					60	CO4	Ability to synthesize qualitative and quantitative data crunching techniques	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
11	SEM I	020341111 - PP	T6075	Managerial Economics	60	CO1	Understand the basic concepts in introductory economics	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M
11					60	CO2	Understand the decisions taken by decision making authorities such as corporates/ government, from an economic analysis perspective	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
11					60	CO3	Apply the concepts in business transactions and case studies	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
11					60	CO4	Analyse the daily events/news and identify the relevant concepts	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
12	SEM I	020341112 - PP	T3152	Advanced Excel	60	CO1	statistical Data Analysis	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
12					60	CO2	Sensitivity Analysis	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
12					60	CO3	Multipage Budget	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
12					60	CO4	Data Mining using Pivot Tables	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
12					60	CO5	Unconventional Financial X NPV & X IRR	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
13	SEM I	020341113 - PP	T2214	Mathematical Prerequisites	60	CO1	Understanding and applying the Concept of Mathematical Progression as required for Financial Mathematics	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
13					60	CO2	Application of concept of Time Value of Money in Amortization and Investment Analysis	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
13					60	CO3	Application of Matrices in solving simultaneous equation, markov analysis and in-out analysis	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
13					60	CO4	Application of Calculus in Economics	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
14	SEM I	020341114 - PP	T2801	Project	60	CO1	Students will be able to identify, analyze and interpret relevant issues /situations	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
14					60	CO2	Students will be able to analyze and synthesize relevant data	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
14					60	CO3	Students will be able to write and present a business issue comprehensively	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
15	SEM I	020341115 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
15					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
15					60	CO3	To train students to perform First aid and CPR in an emergency..	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
16	SEM I	020341116 - PP	T6012	Basic German I	60	CO1	Introduction to German language	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-
16					60	CO2	Alphabet & pronunciation	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-
16					60	CO3	Greetings	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-
16					60	CO4	Practise class room instructions	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
17	SEM I	020341117 - PP	T6014	Basic French I	60	CO1	Introduction to French language	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-
17					60	CO2	Alphabet & pronunciation	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-
17					60	CO3	Greetings	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-
17					60	CO4	Practice class room instructions	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-
18	SEM I	020341118 - PP	T6016	Basic Spanish I	60	CO1	Introduction to Spanish language	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-
18					60	CO2	Alphabet & pronunciation	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-
18					60	CO3	Greetings	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-
18					60	CO4	Practise class room instructions	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-
19	SEM I	020341119 - PP	T6018	Basic Chinese I	60	CO1	Introduction to Chinese language	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
19					60	CO2	Alphabet & pronunciation	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
19					60	CO3	Greetings	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
19					60	CO4	Practise class room instructions	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
20	SEM II	020341201 - PP	T2891	Business Research Methods	60	CO1	Understanding of contemporary applications of business research.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
20					60	CO2	Analytical skills and proficiency in the applications of advanced statistical tools and techniques	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
20					60	CO3	Design and implementation of a business research project in different domains: Marketing, HR, Finance, Operations...etc.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
20					60	CO4	Interpretation and communication of business research findings.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
21	SEM II	020341202 - PP	T2227	Business Analytics	60	CO1	The student should be able to define the basic concepts, functions & techniques used in Business Analytics	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
21					60	CO2	The student should demonstrate Familiarity with state of the art tools in Business Analytics	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
21					60	CO3	The student be able to investigate by Analysing and Applying Business Analytics in Various business cases	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
22	SEM II	020341203 - PP	T2034	Financial Management	60	CO1	To understand the basic concepts of Financial Management and also the financial environment of business, including financial markets and regulatory framework	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
22					60	CO2	To understand the characteristics of long term and short term financial planning, principles of risk & return, cost of capital and related theories, including their practical	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
22					60	CO3	To understand the importance and application of Capital Structuring, Capital Budgeting, Working Capital Management and Dividend Decisions in Financial Management	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
22					60	CO4	To appreciating the concept of Time Value of Money, with ability to demonstrate analytical and computational skills while applying the concept in various areas of Financial	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M
22					60	CO5	To develop a broad understanding of areas like analysis of financial statements, financial distress, mergers & acquisitions, leverage, valuation of equity and bonds, etc.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
23	SEM II	020341204 - PP	T1140	Legal Aspects of Business	60	CO1	To understand the concept of legal aspects of business	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
23					60	CO2	To understand how the various business laws can be applied in working transactions.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
23					60	CO3	to make the students understand how the business laws are interpreted	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
23					60	CO4	Ability to solve cases when asked to handle a particular case relating to business laws.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
24	SEM II	020341205 - PP	T6074	Macroeconomics for Managers	60	CO1	At the end of the course, Students are able to understand macro concepts, issues and theories	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
24					60	CO2	At the end of the course, Students are able to reflect on economic policies of the government	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
24					60	CO3	At the end of the course, Students are able to analyze and interpret the dynamic changes in the national and international economy	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
25	SEM II	020341206 - PP	T2237	Corporate Social Responsibility	60	CO1	To understand, analyze, and review the larger theoretical and empirical aspects of Corporate Social Responsibility (CSR).	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
25					60	CO2	To equip managers of today's world with emerging opportunities and challenges in the domain of CSR within corporate context by linking the micro context to that of macro context in a state and global context.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
26	SEM II	020341207 - PP	T2712	Design Thinking	60	CO1	Understanding role of design and Innovation in Businesses	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
26					60	CO2	Challenging assumptions to open up new possibilities	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
30					60	CO2	Examine rural consumer behaviour, drawing inference from the same for marketing practice	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
30					60	CO3	Determine marketing strategies for rural markets	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
30					60	CO4	Outline factors impacting rural markets presently and in future	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
31	SEM II	020341212 - PP	T2130	Brand Management	60	CO1	Understand brands and branding	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
31					60	CO2	Examine Positioning as a fundamental in building brands	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
31					60	CO3	Evaluate brand architecture; brand portfolio to determine improvements if any	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
31					60	CO4	Estimate brand equity through branding research	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
31					60	CO5	Determine strategies to manage brands over time	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32	SEM II	020341213 - PP	F0002	Business to Business Marketing	60	CO1	Develop insight into Organizational buying behavior in very competitive situations	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32					60	CO2	Analyse the similarities and differences between B to B Marketing and B to C Marketing buying behavior in very competitive situations.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
32					60	CO3	Analyse and examine the globalized, business-to-business environments	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32					60	CO4	Apply the knowledge and skills for devising implementable industrial marketing strategies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32					60	CO5	Understanding the Strategy formulation towards successful Business to Business Market	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
33	SEM II	020341214 - PP	T2284	Learning and Development	60	CO1	To describe the strategic importance of training and development	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
33					60	CO2	To understand training and development as a part of talent management and organizational development process	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
33					60	CO3	To explain and apply the principles of instructional system design (ADDIE Model) in designing and developing a training program	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M
33					60	CO4	To learn how to apply different training methodology and critically analyze various evaluation models.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
52					60	CO4	Understand industry good practices in project management	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
52					60	CO5	Use project management framework to evaluate problems in a structured fashion	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
53	SEM II	020341233 - PP		Project Management Suite	60	CO1	Every business faces the challenges of achieving the goals with optimization.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
53					60	CO2	The aim of the Project Management course is to equip bussing mangers with tools and knowledge to enable them face the primary challenge of project management to achieve all of the project goals and objectives while honoring the preconceived constraints in order to optimize the allocation of necessary inputs and integrate them to meet pre-defined objectives.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
54	SEM II	020341234 - PP		Service Operations Management	60	CO1	To introduce the overview of service sperations, challenges, concepts of quality, customer satisfaction and management practices.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
54					60	CO2	To discuss various factors in structuring the services operations.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
54					60	CO3	To study the service quality management.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
54					60	CO4	To discuss the various models of waiting lines.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
55	SEM II	020341235 - PP	T2827	Supply Chain Management	60	CO1	Introduction to supply chain management and elements of supply chains	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
55					60	CO2	Understanding of various drivers of supply chains and relationships between them	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
55					60	CO3	Analysis of transportation mode tradeoff and number of facilities	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
55					60	CO4	Inventory management and classification in supply chains	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
56	SEM II	020341236 - PP	T2607	Venture and Private Equity Funding	60	CO1	To provide a comprehensive overview of Venture Capital Funding and Private Equity Funding and best practices.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
56					60	CO2	To discuss the origin, evolution and instances of failure in Venture and Private Equity Funding in recent years.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
56					60	CO3	To interpret from given global examples executingpractical approaches and solutions.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
57	SEM II	020341237 - PP	T2353	Entrepreneurship	60	CO1	To develop an entrepreneurial mindset	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
57					60	CO2	To appraise the entrepreneurial process starting with pre-venture stage	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
57					60	CO3	To relate to practical aspects of starting a company	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
57					60	CO4	To relate to practical aspects of starting a company	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
57					60	CO5	To Analysis the challenges and opportunities for entrepreneurship.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
58	SEM II	020341238 - PP	T6068	Basic Econometrics	60	CO1	To apply the knowledge of statistical tools including regression	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
58					60	CO2	Students will be able to estimate relevant economic parameter, predict economic outcomes and test economic hypotheses using data.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
58					60	CO3	Students will critically evaluate the results and conclusions from similar analyses to enhancing management decision making.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
59	SEM III	020341301 - PP	T2801	Project	60	CO1	Students will be able to identify, analyze and interpret relevant issues /situations.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
59					60	CO2	Students will be able to analyze and synthesize relevant data	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
59					60	CO3	Students will be able to write and present a business issue comprehensively	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
60	SEM III	020341302 - PP	T2209	Business Forecasting	65	CO1	Understand basic characteristics of time series forecasting	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
60					65	CO2	Analyse basic time series models for time series data	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
60					65	CO3	Apply learnt principles and techniques to implement forecasts.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
60					65	CO4	Evaluate modeling and forecasting outcomes.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
61	SEM III	020341303 - PP	T2712	Design Thinking	65	CO1	Understanding role of design and Innovation in Businesses	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
61					65	CO2	Challenging assumptions to open up new possibilities	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
61					65	CO3	Making ideas tangible to share and inspire	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
61					65	CO4	Repeatedly learning and refining to improve solutions	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
61					65	CO5	Communicating and sharing often to move work forward	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
62	SEM III	020341304 - PP	T2906	Summer Internship	60	CO1	Students will be able to identify, analyze and interpret relevant issues /situations	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
62					60	CO2	Students will be able to analyze and synthesize relevant data	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
62					60	CO3	Student will be able to Demonstrate effective communication skills to influence and relate to multiple stakeholders across a range of business contexts	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
63	SEM III	020341305 - PP	T2595	Concepts and Applications in Sustainability	65	CO1	Understanding Sustainability, its evolution and the current state.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
63					65	CO2	What is Sustainable development?	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
63					65	CO3	Sustainable Development Goals	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
63					65	CO4	Biomimetics - mimicking nature in industry	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
63					65	CO5	Cases in Sustainability within industries	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
64	SEM III	020341306 - PP	T6003	Indian Kaleidoscope- Culture and Communication	65	CO1	To understand the concepts of Culture and Representation	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
64					65	CO2	To comprehend and relate various aspects of Indian Life and Histories	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
64					65	CO3	To develop Interpretative and Critical skills	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
64					65	CO4	Ability to demonstrate, justify and appraise relevant facts about Indian cultures using data and ideational frameworks	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
65	SEM III	020341307 - PP	T2244	Innovation Management	65	CO1	Understand the concept of Innovation	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
65					65	CO2	Understand the various tools used for Innovation	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
65					65	CO3	Understand the various Techniques used in managing Innovation	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
65					65	CO4	To Assess and interpret various Innovation Process	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
66	SEM III	020341308 - PP	T2118	Consumer Behaviour	65	CO1	Analyze the impact of various factors on consumer decision making process	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
66					65	CO2	Examine how consumer behaviour affects Marketing Strategies	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
67	SEM III	020341309 - PP	T2153	International Marketing	65	CO1	Develop an understanding of current context and competitive nature of International marketing environment.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
87					60	CO4	To assist the core team in implementing the Human resource management module.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
88	SEM III	020341330 - PP	T2190	Operations Planning and Scheduling	65	CO1	To understand the concepts of Sales & operations planning	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
88					65	CO2	To understand the concept of Master Production schedule	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
88					65	CO3	To develop skill of calculating the Master Production schedule with capacity constraints	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
88					65	CO4	To understand the different methodologies of capacity planning	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
88					65	CO5	To understand how the overall Operations Planning & Scheduling supports business outcomes	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
89	SEM III	020341331 - PP	T2169	Warehouse Management	65	CO1	To describe the concepts of warehouse managements.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
89					65	CO2	To describe Global Practices in Warehousing and Distribution management	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
89					65	CO3	To analyze different issues in cold chain management	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
89					65	CO4	To demonstrate international benchmarks on warehouse management	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
89					65	CO5	To design and evaluate the performance of the warehouse systems.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
90	SEM III	020341332 - PP	T2187	Service Operations Management	65	CO1	Understand the overview of service sperations, challenges, concepts of quality, customer satisfaction and management practices.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
90					65	CO2	Able to discuss various factors in structuring the services operations.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
90					65	CO3	Study and apply the service quality management.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
90					65	CO4	Apply the various models of waiting lines.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
91	SEM III	020341333 - PP	T2687	Operations Analytics	65	CO1	Understand basics of operations analytics models and algorithms	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
91					65	CO2	Apply various operations and networking models and algorithms	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
91					65	CO3	Evaluate various modeling outcomes in real business.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
92	SEM III	020341334 - PP	T2828	Six Sigma	60	CO1	To apply the concepts of Lean Six Sigma to Manufacturing and Service organizations.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
113					60	CO4	To discuss Risk responses and strategies for positive risks or opportunities	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
114	SEM IV	020341419 - PP	T3288	Business Process Management	60	CO1	To analyze SCM practices in different industrial sectors	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
114					60	CO2	To analyze functioning of supply chains in a particular organization	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
114					60	CO3	To analyze major highlights of supply chain practices in the organizations being studied	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
115	SEM IV	020341420 - PP	T2797	Probability Model for Simulation and Analytics	60	CO1	To develop proficiency in designing predictive models and Monte Carlo simulation and its hands on wide applications in Marketing Modelling, Marketing Analytics	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
115					60	CO2	To develop proficiency in designing predictive models and Monte Carlo simulation and its hands on wide applications in Financial Engineering	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
115					60	CO3	To develop proficiency in designing predictive models and Monte Carlo simulation and its hands on wide applications in Supply Chain Analytics	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Centre for Management and Human Resource Development Programme Name : Master of Business Administration (Infrastructure Management)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Interpersonal Skills and Team Effectiveness
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Critical and Reflective Thinking Ability
3	GA2	Global citizenship: ethical, social and professional understanding	PO3	Awareness of Global & Regional Business Practices
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	Effective Communication
5	GA3	Eco-literate: sensitivity towards a sustainable environment	PO5	Ethical behavior, social responsibility, sustainable attitude
6	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO6	Domain Knowledge

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
26	SEM IV	020342410 - PP	T2710	Land Acquisition and Rehabilitation	60	CO1	Understand the land acquisition procedure	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
26					60	CO2	Understand the need for land acquisition for infrastructure development	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
26					60	CO3	Understand the drawback in the present system particularly with reference to Rehabilitation and Resettlement of affected persons	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
26					60	CO4	Understand the changes made in the LARR 2013. understand the concept of SEZ and various aspects of it.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
27	SEM IV	020342411 - PP	T2447	Transmission and Distribution Management	60	CO1	Understand and Apply the various aspects of Transmission & Distribution Management In Power Sector	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
27					60	CO2	II. Relate management processes leading to effective distribution of Power for business relevance	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
27					60	CO3	III. Prepare power tariff distribution plans , demand side management approaches in power sector	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
27					60	CO4	IV. Apply management processes in power sector transmission and distribution	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
28	SEM IV	020342412 - PP	T2425	Oil and Gas-Processing and Distribution	60	CO1	1. Apply the knowledge of Natural Gas related to movement from Gas well to End users through LNG Chain of Liquefaction, shipment and re-gasification on receipt at Import terminal	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
28					60	CO2	Discover the role of Refineries in movement of Gas and in creating end-products from imported or domestic crude oil to downstream applications	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
28					60	CO3	3. Interpret the international pricing in the role of imports of LNG.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
28					60	CO4	4. Interpret the guidelines and policies for laying pipeline.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
28					60	CO5	5. Show the importance of downstream businesses in refining.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
29	SEM IV	020342413 - PP	T2706	LNG and Cross Country Pipeline Networks	60	CO1	• Understand the global and domestic gas market, product profile and end use of gas, major players in oil and gas sector	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
29					60	CO2	• Understand the pricing, policy for gas pipelines, regulatory framework and evolving technology in natural gas projects	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
29					60	CO3	• Understand LNG value chain, imports, gas pipeline network, compare LNG with GTL • Learn about underground storage techniques for Gas	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
1					60	CO3	"• To understand how to write SQL commands to create table with specified constraint according to the different given case studies. • To understand how to convert any given RDB (Relational Database) to normalized in 3NF for different case studies. • To understand how to write queries to retrieve data from database. [Queries solved in Case studies and practical examination help to understand how to store structure data, analyze and retrieve it according to various business logic. SQL can us	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
1					60	CO4	"1) To understand deadlock concept, how to prevent it and how to recover from deadlock situation. By using wait for graph we can detect deadlock and recognize which transactions is responsible for it. Remove the responsible transactions from the schedule to avoid deadlock. 2) To understand Serializability. Serializability is a concept that helps to identify which non-serial schedules are correct and will maintain the consistency of the database. 3) Writing queries in relational algebra dev	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
2	SEM I	020343102 - PP	T2682	Analytics Foundations	60	CO1	Learning R and Python to manipulate, arrange data for analysis	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
2					60	CO2	Statistical modelling of data using R	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
2					60	CO3	Interpreting statistical models for applications	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
3	SEM I	020343103 - PP	T2688	Quantitative Methods	60	CO1	Understanding tools of quantitative methodology	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
3					60	CO2	Understanding applications of quantitative methodology in real life business environment	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
4	SEM I	020343104 - PP	T2778	Basics of Financial Management	60	CO1	Develop an analytical approach to corporate finance decision making	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M
4					60	CO2	develop a practical approach to corporate finance decision making	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
4					60	CO3	Apply the concepts of Financial Management in real life situations.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
4					60	CO4	analyse the concepts of Financial Management in real life situations.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
4					60	CO5	Evaluate various theories of Financial Management related to different concepts	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
5	SEM I	020343105 - PP	T2239	Business Communication	60	CO1	To apply the language, non verbal and cross cultural skills to communicate at workplace.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
5					60	CO2	To develop abilities to effectively communicate within and outside the teams/ organization.	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M

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5					60	CO3	To develop upon these skills for effective verbal and written communications.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
6	SEM I	020343106 - PP	T2114	Essentials of Marketing Management	60	CO1	Development of insight to concepts, principles and techniques of marketing	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
6					60	CO2	Development of marketing plan (process), expertise for decision making, feedback and control	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
6					60	CO3	Trigger thought process and develop skills to analyze and comprehend the industry and business issues	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
7	SEM I	020343107 - PP	T2003	Financial Accounting	60	CO1	Understand the Basic Principles, Concepts and Conventions of Accounting	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
7					60	CO2	Preparation of Financial Statements	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
7					60	CO3	Understand the treatment of Inventory Valuation, Depreciation of Fixed Assets and Amortization of Intangible Assets	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
7					60	CO4	Understanding Annual Reports of Companies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
7					60	CO5	Overview of Accounting Standards and GAAP	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
8	SEM I	020343108 - PP	T2572	Human Resource Management	60	CO1	Define the basic concepts, functions, scope & techniques used in HRM.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L
8					60	CO2	Analyze the various contemporary issues in HRM function in current scenario	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
8					60	CO3	Apply & demonstrate the HR skills of managers towards employees	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
8					60	CO4	Develop understanding for various HR policies and processes	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
8					60	CO5	Develop understanding of HR as sustainable competitive advantage for organisations	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
9	SEM I	020343109 - PP	T1140	Legal Aspects of Business	60	CO1	Adequate knowledge of business law for doing business in India	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
9					60	CO2	Awareness of legal implication of managerial action	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
9					60	CO3	Application of legal provision through live cases	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
9					60	CO4	Reflection on important provision of act through case analysis	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
10	SEM I	020343110 - PP	T2528	Management of Operations	60	CO1	Understanding basic Concepts , scope and technques in Ops Mgm	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
10					60	CO2	Examining strategic importance of operations management across various sectors	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
10					60	CO3	Understanding value creation & analysing ways of making it more effective	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
10					60	CO4	Understanding impact of conversion processes on customer satisfaction	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
11	SEM I	020343111 - PP	T6075	Managerial Economics	60	CO1	Understand the basic concepts in introductory economics	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M
11					60	CO2	Understand the decisions taken by decision making authorities such as corporates/ government, from an economic analysis perspective	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
11					60	CO3	Apply the concepts in business transactions and case studies	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
11					60	CO4	Analyse the daily events/news and identify the relevant concepts	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
12	SEM I	020343112 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
12					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
12					60	CO3	To train students to perform First aid and CPR in an emergency.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
13	SEM II	020343201 - PP	T2891	Business Research Methods	60	CO1	Understanding of contemporary applications of business research.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
13					60	CO2	Analytical skills and proficiency in the applications of advanced statistical tools and techniques	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
13					60	CO3	Design and implementation of a business research project in different domains: Marketing, HR, Finance, Operations...etc.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
13					60	CO4	Interpretation and communication of business research findings.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
14	SEM II	020343202 - PP	T2118	Consumer Behaviour	60	CO1	Analyze the impact of various factors on consumer decision making process	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
14					60	CO2	Examine how consumer behaviour affects Marketing Strategies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
15	SEM II	020343203 - PP	T2139	Digital Marketing	60	CO1	Assess and analyse Internet marketing and further utilize it for marketing communication options	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15					60	CO2	Compare and contrast different tools and techniques available for Digital marketing and suggest in final marketing strategy	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
38					60	CO2	Students will be able to analyze and synthesize relevant data	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
38					60	CO3	Student will be able to Demonstrate effective communication skills to influence and relate to multiple stakeholders across a range of business contexts	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
39	SEM IV	020343401 - PP	T2255	Advanced Strategic Management	60	CO1	Students should be able to analyze aspects related to strategic management such as environment scanning	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
39					60	CO2	Students should be able to interpret the scope of a firm and the formulation of corporate level strategies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
39					60	CO3	Students should be able to analyze the core competence of a firm and interpret decisions related to diversification and value chain decisions	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
39					60	CO4	Students should be able to analyze the implementation of strategy with relation to the culture and structure of the firm	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
39					60	CO5	Students should be able to compare and contrast strategies related to change management decisions	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
40	SEM IV	020343402 - PP	T2387	Global Business Environment	60	CO1	Analyze the basic macroeconomic relationships as they affect the behavior of firm in the international context	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
40					60	CO2	Compare and contrast how businesses and managers match decisions for creating competitive advantage in the global environment.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
40					60	CO3	Interpret international issues for designing corporate strategies in a fast changing global environment	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
40					60	CO4	Understanding the influence of globalism and trans-national trade agreements	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
40					60	CO5	Understanding the banking system and interpreting what leads to financial crises	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
40					60	CO6	Understanding the role of culture and history on international business.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
41	SEM IV	020343403 - PP	T2125	Marketing Strategy	60	CO1	Ability to correctly answer questions about the firm's strategic decisions on operational, market and competitive situation	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
41					60	CO2	Ability to correctly identify the firm's strengths and weaknesses relative to market needs and competitive performance	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
45					60	CO4	To analyze different cases of Six Sigma implementation	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
45					60	CO5	To apply Six Sigma concepts using software systems	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
46	SEM IV	020343408 - PP	T2802	Project	60	CO1	Students will be able to identify, analyze and interpret relevant issues /situations	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
46					60	CO2	Students will be able to analyze and synthesize relevant data	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
46					60	CO3	Students will be able to write and present a business issue comprehensively	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Centre for Management and Human Resource Development Programme Name : Master of Business Administration (Infrastructure Development Management)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Interpersonal Skills and Team Effectiveness
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Critical and Reflective Thinking Ability
3	GA2	Global citizenship: ethical, social and professional understanding	PO3	Awareness of Global & Regional Business Practices
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	Effective Communication
5	GA3	Eco-literate: sensitivity towards a sustainable environment	PO5	Ethical behavior, social responsibility, sustainable attitude
6	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO6	Domain Knowledge

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
1	SEM I	020344101 - PP	T2705	Infrastructure Planning and Development	60	CO1	Understand the basic types of National Planning, and the history of Indian planning (pre and post independence). Evaluate learnings and Analyze causes of failures if any	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
1					60	CO2	Understand Government initiatives and evaluate challenges in planned outcomes on the Infra front.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
35					60	CO5	Unconventional Financial X NPV & X IRR	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO1	Management undergraduates should be able to comprehend, organize and solve complex business problems using the resources available at their discretion.
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Management undergraduates should create, select and apply advanced technologies related to latest management and information technology tools with quantitative and qualitative techniques to solve business related issues.
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	Management undergraduates should be able to apply their viewpoint in the management field of study to develop fully motivated opinions on contemporary issues such as the need for innovation, integrity, leadership and change management, globalization and technology management.
4	GA3	Eco-literate: sensitivity towards a sustainable environment	PO4	Management undergraduates should improve the entrepreneurial ability to provide innovative solutions to the need of humanity
5	GA2	Global citizenship: ethical, social and professional understanding	PO5	Management undergraduates should analyze the environmental, social, political, technological, environmental, health, safety, sustainability and legal context of business.
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	Management undergraduates should be able to communicate effectively with society and they should be able to comprehend and write effective reports & present properly.
7	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO7	Management undergraduates should focus on team bonding & value based leadership ability.
8	GA1	Scholarship: research, inquiry and lifelong learning	PO8	Management undergraduates should have the ability to work intelligently, individually and as a team, using techniques such as case analysis, projects and assignments.
9	GA2	Global citizenship: ethical, social and professional understanding	PO9	Management undergraduates should evaluate and integrate ethical considerations into decision-making.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
1	SEM I	021321101-PP	T3218	Basics of Management Information Systems	60	CO1	To describe Information System fundamentals with respect to business management process.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
1					60	CO2	To help students distinguish between / explain the different types of IT infrastructures.	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
1					60	CO3	To apply the learnings of critical elements in the decision making tools.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
1					60	CO4	To demonstrate the understanding of the role of Information System in Decision Making and use of warehousing and mining in supporting decision making	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
1					60	CO5	To analyse the Application of MIS in various contexts of the dynamic world.	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
1					60	CO6	To create in students the curiosity to determine security needs and describe legal aspects of Information aspects.	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
2	SEM I	021321102 - PP	T2465	Fundamentals of Marketing	60	CO1	To describe to students various types of Marketing	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
2					60	CO2	To enable students to distinguish between buying decisions of Consumer Markets and Business Markets.	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
2					60	CO3	To demonstrate the procedure for Marketing Research	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
2					60	CO4	To explain the basis of decisions related to Product, Price, Place and Promotion in marketing	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
2					60	CO5	To create confidence among students to be able to discuss the role of IMC in Marketing	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
2					60	CO6	To be able to describe the process of Sales Force Management.	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
3	SEM I	021321103 - PP	T2264	Human Resource Management	60	CO1	To give an overview of HRM and describe the importance of HRM for business and distinguish between HRM and Personnel Management. Student will be able to identify roles, duties and responsibilities of HR manager.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
3					60	CO2	to help the students apply the knowledge of job analysis and job evaluation process. Describe the main internal and external sources of recruitment and steps in the recruitment and selection process.	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
3					60	CO3	To help analyse the pros and cons of using different performance appraisal tools. Assess and describe the training needs and distinguish between the evaluations of employee training programmes	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
3					60	CO4	To describe the role of HRM in quality assurance in organization and compare various quality assurance techniques.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
3					0	CO5	-	-	-	-	-	-	-	-	-	-
3					0	CO6	-	-	-	-	-	-	-	-	-	-
4	SEM I	021321104 - PP	T6375	Business Communication	60	CO1	To give application based skill on writing an Email-Students will be able to analyse the importance of understanding the readers, formal structure of drafting a Professional email, Review such email conversation as effective subject line, professional greetings and readable formatting. Avoid the most common errors people make in email writing.	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
4					60	CO2	To create confidence in student to talk about News and Writing News Paper Headlines- Learn the basics of news gathering and News Writing, Criteria's be kept in mind while writing a news. Analyse the 5W&H of the News. Describe different types of headlines for a news feed. Understanding how to write a newspaper lede with exercises.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
4					60	CO3	To develop social skills- Student will learn to start a new conversation ,Make powerful first impression, Connect with people instantly, Master Social Networking, Communicate with confidence and Charisma through ice breaker, Activities, Role Play and Lectures	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M
4					60	CO4	o help the students in writing Business Project Reports- Students will learn how to write informative and effective reports, Principles of effective Report Writing. Gain a better understanding how to describe and construct different types of report with a proper layout. Undertake research and plan a report with an appropriate style and tone.	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M
4					60	CO5	To develop business Vocabulary- Students will be able to analyse and use a vocabulary as per business situation. They can communicate confidently in business meeting, Use of proper Business Vocabulary for different genre of Business Correspondence emails and Business Letters	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
4					60	CO6	To enable students demonstrate Effective Presentation Skills- Prepare the participants to give a proper structure to the Presentation, organising content and choosing the right amount of information for different level of audience. Identify common solutions to common speaking problems, with right Body language and Intonation. Using Audio-Visual aids in an effective manner.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
5	SEM I	021321105 - PP	T6156	Principles of Microeconomics	60	CO1	To explain the Utility approach - Cardinal and Ordinal and also apply the concept of budget line	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
5					60	CO2	To enable the student to explain the law of demand and apply the concepts of elasticity of demand and supply.	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
5					60	CO3	To create confidence in the student to distinguish between fixed inputs and variable inputs in the long-run and short-run and also analyse the phenomena of diminishing returns	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
5					60	CO4	To understand the relationship between a firm's total revenue, profit and total cost and economies and diseconomies of scale.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
5					60	CO5	To enable the determination of optimum price and output combination for maximum profits under different market structures.	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H

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7					60	CO4	To create confidence in the student to prepare cash flow statements and calculate cash from operating, investing and financing activities.	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
7					0	CO5	-	-	-	-	-	-	-	-	-	-
7					0	CO6	-	-	-	-	-	-	-	-	-	-
8	SEM I	021321108 - PP	T2202	Business Mathematics	60	CO1	To enable the student to be able to calculate proportions.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
8					60	CO2	To explain to the student how to ascertain brokerage, commission, profit and loss.	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M
8					60	CO3	To create in the student the ability to construct the matrix and deduce cost and revenue functions	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M
8					60	CO4	To explain how to work out possible permutations and combinations	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M
8					0	CO5	-	-	-	-	-	-	-	-	-	-
8					0	CO6	-	-	-	-	-	-	-	-	-	-
9	SEM II	021321201 - PP	T2205	Business Statistics	60	CO1	To enable students to construct graphical representation of data using various charts and diagrams	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
9					60	CO2	To apply various statistical measures to summarise given data sets	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
9					60	CO3	To interpret various statistical measures and explain their utility in business	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
9					60	CO4	To describe to the student the need to analyze data using statistical concepts and tools	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
9					60	CO5	To explain various test used for hypothesis testing and illustrate their utility.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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9					0	CO6	-	-	-	-	-	-	-	-	-	-
10	SEM II	021321202 - PP	T2484	Core Environmental Studies	60	CO1	To create a capacity to expand their knowledge on physical and life science affecting the environment.	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
10					60	CO2	To examine their strengths in building a career in environmental studies.	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
10					60	CO3	To apply the subject knowledge in protecting and conserving the environment.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
10					60	CO4	To evaluate the projects undertaken by various Indian and Global environmental institutes.	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
10					60	CO5	To appreciate the organizational practices to safeguard the environment and society at large.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
10					60	CO6	To evaluate the environmental concerns in a nearby location and identify a corrective action plan to solve the problem.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
11	SEM II	021321203 - PP	T2451	Introduction to Costing	60	CO1	To familiarize the concept of cost accounting.	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
11					60	CO2	To facilitate idea and meaning of material control with practical prespective.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H
11					60	CO3	To create in students the ability to gather knowledge on material pricing methods.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H
11					60	CO4	To develop the knowledge about remuneration and incentives, as well as concept of labour turnover	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H
11					60	CO5	To introduce students to the concept of overheads, and cost audit	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
14	SEM II	021321206 - PP	T2384	Introduction to International Business	60	CO1	To apply knowledge of the international economic environment to international business	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M
14					60	CO2	To develop in students the capability of demonstrating how international issues can be factored in designing corporate strategies in a fast changing environment	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
14					60	CO3	To analyze problems related to international business and the international economic environment	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
14					60	CO4	To be equipped with a knowledge of trade theories and would be able to interpret contemporary trade policies in light of such understanding.	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
14					0	CO5	-	-	-	-	-	-	-	-	-	-
14					0	CO6	-	-	-	-	-	-	-	-	-	-
15	SEM II	021321207 - PP	T2135	Sales and Distribution Management	60	CO1	To help students appreciate the role of sales management and sales manager in a sales organization	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO2	To understand the concept and theory of selling	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H
15					60	CO3	To develop an understanding of sales promotion plan for its effective implementation in various marketing scenarios	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO4	To help students analyse the use of sales forecast to aid in budget planning	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO5	To explain the need sales territory designing and sales quotas development to ensure effective quota distribution	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
18	SEM II	021321210 - PP	T6197	Foreign Languages Minor German A1	60	CO1	To understand basic character set of German and to Greet someone, introduce yourself.	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
18					60	CO2	To introduce basic vocabulary like family, professions, colours, weekdays, months, seasons etc	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
18					60	CO3	To give an overview of number system in German and time reading, question answers (open-ended and close-ended)	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
18					60	CO4	To introduce basic Vocabulary like food, clothing, body parts, house, nature, common places, etc	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
18					60	CO5	To introduce Grammar concepts like Pronouns (personal, possessive), Adjectives, Verbs.	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
18					60	CO6	To explain Grammar concepts like case system, prepositions, conjunctions and sentence framing, letter reading/writing.	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO1	To employ the theoretical constructs to assess and evaluate dynamic global business environment
2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	To demonstrate leadership skills in multidisciplinary settings, while exhibiting sensitivity towards a sustainable environment.
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO2	To demonstrate leadership skills in multidisciplinary settings, while exhibiting sensitivity towards a sustainable environment.
4	GA1	Scholarship: research, inquiry and lifelong learning	PO3	To engage in life?long learning through research adopting contemporary modes of learning.
5	GA2	Global citizenship: ethical, social and professional understanding	PO4	To take decisions on the principles of ethics, integrity and accountability

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
1	SEM I	021021101 - PP	T2465	Fundamentals of Marketing	60	CO1	To give an overview of the discipline Fundamentals of Marketing.	Strong-H	Strong-H	Strong-H	Strong-H
1					60	CO2	To help students understand the various concepts of Marketing.	Strong-H	Strong-H	Moderate-M	Strong-H
1					60	CO3	To create application based skill where students can imply their theoretical understanding of Marketing on real time.	Strong-H	Strong-H	Moderate-M	Moderate-M
1					60	CO4	To help students excel their career in the dynamic Marketing world.	Strong-H	Strong-H	Strong-H	Strong-H
1					60	CO5		-	-	-	-
1					60	CO6		-	-	-	-
2	SEM I	021021102 - PP	T2202	Business Mathematics	60	CO1	To understand the concept/theory of basic mathematics used in Business and Economics.	Strong-H	Weak-L	Strong-H	Weak-L
2					60	CO2	To understand the application of basic formulas/theory on business and economics.	Strong-H	Weak-L	Strong-H	Weak-L
2					60	CO3		-	-	-	-
2					60	CO4		-	-	-	-
2					60	CO5		-	-	-	-
2					60	CO6		-	-	-	-
3	SEM I	021021103 - PP	T6156	Principles of Microeconomics	60	CO1	Students will learn how markets and other governance structures organize core economic activities, such as production, distribution, and consumption, and the growth of productive resources.	Strong-H	Moderate-M	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
3					60	CO2	To apply concepts, theories and methods used in the study of microeconomics to the analysis of consumer behaviour, firm behaviour and economic policies	Moderate-M	Moderate-M	Moderate-M	Moderate-M
3					60	CO3	To have a broad understanding of various market structures and micro-economic issues.	Strong-H	Weak-L	Moderate-M	Moderate-M
3					60	CO4		-	-	-	-
3					60	CO5		-	-	-	-
3					60	CO6		-	-	-	-
4	SEM I	021021104 - PP	T6375	Business Communication	60	CO1	To understand the concepts of Business Communication.	Strong-H	Strong-H	Strong-H	Strong-H
4					60	CO2	To develop a better all-round level of confidence and competence in understanding English in business context.	Strong-H	Strong-H	Strong-H	Moderate-M
4					60	CO3	To develop students communication skills in social and work situations and to enhance their Presentation Skills for business purposes.	Strong-H	Strong-H	Strong-H	Moderate-M
5	SEM I	021021105 - PP	T2092	Financial Statement Analysis	60	CO1	To analyze, appraise and compare financial statements of various industries	Strong-H	Weak-L	Moderate-M	Moderate-M
5					60	CO2	To estimate and evaluate the financial health of the firm	Strong-H	Weak-L	Moderate-M	Moderate-M
5					60	CO3	To remember various accounting concepts and use of analysis tools in interpreting the results of the company for managerial decision making.	Moderate-M	Strong-H	Moderate-M	Strong-H
5					60	CO4	To understand and apply financial statement analysis to the financial statements of different companies	Strong-H	Weak-L	Moderate-M	Weak-L
5					60	CO5		-	-	-	-
5					60	CO6		-	-	-	-
6	SEM I	021021106 - PP	T2264	Human Resource Management	60	CO1	To define the objectives, scope, functions of HRM and differentiate between HRM and Personnel Management as well as to enumerate the qualities of HR managers	Strong-H	Weak-L	Strong-H	Strong-H
6					60	CO2	To list steps in the recruitment and selection process and describe the main sources of internal and external sources of recruitment	Strong-H	Weak-L	Moderate-M	Strong-H
6					60	CO3	To apply the knowledge of job analysis process	Strong-H	Weak-L	Moderate-M	Moderate-M
6					60	CO4	To assess the training needs and distinguish between the evaluations of employee training programmes	Strong-H	Weak-L	Strong-H	Moderate-M
6					60	CO5	To reconcile the pros and cons of using different performance appraisal tools and describe the role of HRM in various Quality assurance techniques	Strong-H	Weak-L	Moderate-M	Strong-H
6					60	CO6		-	-	-	-
7	SEM I	021021107 - PP	T1029	Law of Contract	60	CO1	To develop a basic understanding of the theory, practical and key issues of law of contract.	Strong-H	Weak-L	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
7					60	CO2	To understand the concept of formation of the contract and competency of parties with regards to legality of issues at the time of entering into contract	Strong-H	Weak-L	Moderate-M	Strong-H
7					60	CO3	To acquaint the students with the procedural rules that have to be satisfied before a contract is formed or enforced or to the consequences of legal enforceability.	Strong-H	Weak-L	Strong-H	Strong-H
7					60	CO4	To keep the students abreast with the expanded role of contract in an era of globalization	Strong-H	Weak-L	Strong-H	Strong-H
7					60	CO5		-	-	-	-
7					60	CO6		-	-	-	-
8	SEM I	021021108 - PP	T3218	Basics of Management Information Systems	60	CO1	To Understand the meaning and application of Management Information Systems	Strong-H	Weak-L	Moderate-M	Moderate-M
8					60	CO2	To Know the components of IT infrastructure	Strong-H	Weak-L	Moderate-M	Moderate-M
8					60	CO3	Understanding the decision making process and its usage in the Business World and the usage of Information Systems in it.	Strong-H	Weak-L	Weak-L	Strong-H
8					60	CO4	To Understand the application of Management Information Systems in Service and Manufacturing Industry	Strong-H	Weak-L	Weak-L	Moderate-M
8					60	CO5	Students will be able to understand and evaluate the security of Management Information Systems	Strong-H	Weak-L	Moderate-M	Moderate-M
8					60	CO6		-	-	-	-
9	SEM II	021021201 - PP	T2135	Sales and Distribution Management	60	CO1	To understand the concept of Sales Management and the roles and responsibilities of the sales force.	Strong-H	Moderate-M	Moderate-M	Strong-H
9					60	CO2	To understand how sales force is managed.	Strong-H	Moderate-M	Moderate-M	Moderate-M
9					60	CO3	To understand and have knowledge about various distribution channels.	Strong-H	Moderate-M	Moderate-M	Weak-L
9					60	CO4	To have basic knowledge of global sales and distribution practices	Moderate-M	Weak-L	Moderate-M	Moderate-M
10	SEM II	021021202 - PP	T2474	Project Business Development	60	CO1	To impart skill based knowledge.	Strong-H	Strong-H	Strong-H	Strong-H
10					60	CO2	Use the Knowledge for managerial applications.	Strong-H	Strong-H	Strong-H	Strong-H
11	SEM II	021021203 - PP	T2205	Business Statistics	60	CO1	To provide a basic knowledge of the application of statistics to business disciplines	Strong-H	Weak-L	Moderate-M	Weak-L
11					60	CO2	To develop an ability of interpreting data to provide meaningful information, using statistical tools	Strong-H	Weak-L	Moderate-M	Moderate-M
11					60	CO3	To develop an ability to analyse data to assist in making management decisions, using statistical techniques	Strong-H	Weak-L	Moderate-M	Strong-H
11					60	CO4	To help students develop computational skills and problem solving capabilities using Excel as a tool for analysis and presentation of solutions to business problems	Strong-H	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
12	SEM II	021021204 - PP	T6148	Principles of Macroeconomics	60	CO1	Identify key macroeconomic indicators and measures of economic change, growth, and development.	Strong-H	Weak-L	Moderate-M	Moderate-M
12					60	CO2	To understand the importance of monetary and fiscal policy in the macroeconomic environment	Strong-H	Weak-L	Moderate-M	Moderate-M
12					60	CO3	Evaluate the intent and outcomes of government stabilization policies designed to correct macroeconomic problems.	Strong-H	Weak-L	Moderate-M	Moderate-M
13	SEM II	021021205 - PP	T2263	Organizational Behaviour	60	CO1	The students will be able to understand the concept and importance of studying organisation behaviour along with its historical origin.	Moderate-M	Moderate-M	Moderate-M	Weak-L
13					60	CO2	The students will be able to understand the concept of individual differences, diversity at workplace and its impact on the various stakeholders. They will be able to identify the various differences and try to understand its relevance it real life.	Moderate-M	Moderate-M	Moderate-M	Strong-H
13					60	CO3	The students will be able understand reasons of people forming groups. They will able to understand the extension of individuals into groups to deliver results despite of all the differences.	Moderate-M	Moderate-M	Moderate-M	Strong-H
13					60	CO4	The students will be able understand the concepts of motivation and related theories and would be able to relate with their real lives.	Moderate-M	Moderate-M	Moderate-M	Strong-H
13					60	CO5	Students will be able to understand and appreciate the concept and value of organizational structure and its related dimensions. The students will be sensitized with the concept and importance of Leadership.	Moderate-M	Strong-H	Moderate-M	Strong-H
14	SEM II	021021206 - PP	T2451	Introduction to Costing	60	CO1	To help students understand the subject matter of costing and apply the costing principles for decision making in various production and service activities	Strong-H	Weak-L	Moderate-M	Strong-H
14					60	CO2	To provide practical insights into the applicability of costing concept in the corporate.	Strong-H	Weak-L	Moderate-M	Moderate-M
15	SEM II	021021207 - PP	T2484	Core Environmental Studies	60	CO1	To comprehend the components of the environment & their importance	Weak-L	Moderate-M	Weak-L	Moderate-M
15					60	CO2	To recognize human impact on the environment	Weak-L	Moderate-M	Moderate-M	Moderate-M
15					60	CO3	To understand the value of natural resources & the importance of sustainable living	Weak-L	Moderate-M	Weak-L	Moderate-M
15					60	CO4	To understand the impact of environmental degradation on the economy of a country	Weak-L	Weak-L	Weak-L	Moderate-M
16	SEM II	021021208 - PP	T2384	Introduction to International Business	60	CO1	To give the student an exposure to the dynamic environment of International Business	Strong-H	Moderate-M	Weak-L	Weak-L
16					60	CO2	To understand the role of international trade theories, globalization,global monetary systems in international business	Strong-H	Moderate-M	Weak-L	Moderate-M
16					60	CO3	To explain the role of International organizations and Regional Trade Blocs	Strong-H	Moderate-M	Weak-L	Weak-L
17	SEM II	021021209 - PP	T6191	French A-1 - Paper 1	60	CO1	To be able to recognize, construct, understand and use simple sentences. They will also be able to communicate and deal with various situations in daily life (e.g. at the airport, in a supermarket, at the Hotel etc.)	Moderate-M	Moderate-M	Moderate-M	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
17					60	CO2	To be able to introduce themselves and others and talk about others and themselves e.g. their hobbies and personal details like where they come from etc. Likes/ dislikes, acceptances / refusals etc.	Moderate-M	Moderate-M	Strong-H	Weak-L
17					60	CO3	To develop text comprehension of medium difficulty level and application of the learnt language. Can communicate in a simple manner. Can respond to simple and uncomplicated speech.	Moderate-M	Moderate-M	Strong-H	Weak-L
17					60	CO4	To develop intercultural and communicative skills.	Moderate-M	Weak-L	Moderate-M	Weak-L
18	SEM II	021021210 - PP	T6197	German A-1 - Paper 1	60	CO1	To be able to recognize, construct, understand and use simple sentences. They will also be able to communicate and deal with various situations in daily life (e.g. at the airport, in a supermarket, at the Hotel etc.)	Moderate-M	Moderate-M	Weak-L	Moderate-M
18					60	CO2	To be able to introduce themselves and others and talk about others and themselves e.g. their hobbies and personal details like where they come from etc. Likes/ dislikes, acceptances / refusals etc.	Moderate-M	Moderate-M	Weak-L	Moderate-M
18					60	CO3	To develop text comprehension of medium difficulty level and application of the learnt language. Can communicate in a simple manner. Can respond to simple and uncomplicated speech.	Moderate-M	Moderate-M	Strong-H	Moderate-M
18					60	CO4	To develop intercultural and communicative skills.	Moderate-M	Moderate-M	Strong-H	Weak-L
19	SEM III	021021301 - PP	T2781	Global Business Environment	60	CO1	Understanding of Political, Economic, Social, Legal, Technical factors of the Global Business Environment.	Strong-H	Moderate-M	Weak-L	Strong-H
19					60	CO2	Understanding the importance of Ethics in a Diverse Multicultural Perspective.	Moderate-M	Moderate-M	Moderate-M	Strong-H
19					60	CO3		-	-	-	-
19					60	CO4		-	-	-	-
19					60	CO5		-	-	-	-
19					60	CO6		-	-	-	-
20	SEM III	021021302 - PP	T2112	Indian Banking and Financial System	60	CO1	The students will be able to learn and describe the nature, functioning and issues related to financial system in India	Strong-H	Weak-L	Moderate-M	Moderate-M
20					60	CO2	The students will be able to understand and apply the knowledge of financial markets and financial assets.	Strong-H	Moderate-M	Moderate-M	Weak-L
20					60	CO3	The students will be able analyse the role of Banking and Non-banking financial Companies in economic development.	Strong-H	Weak-L	Moderate-M	Moderate-M
20					60	CO4	The students will be able to understand and analyse the Mutual fund and Insurance products and their regulatory mechanism in India	Strong-H	Weak-L	Moderate-M	Moderate-M
20					60	CO5	The students will be able to understand and apply the knowledge of venture funding and merchant banking in India.	Strong-H	Moderate-M	Moderate-M	Weak-L
20					60	CO6		-	-	-	-
21	SEM III	021021303 - PP	T2207	Operations Research	60	CO1	Students will be able to understand historical perspective of the growth of Operations Research (OR) and its potential in businesses	Strong-H	Weak-L	Moderate-M	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
21					60	CO2	To be able to apply OR for decision making through problems that necessitate the use of scientific approaches	Strong-H	Weak-L	Weak-L	Weak-L
21					60	CO3	To understand and apply use of optimization techniques in decision making	Strong-H	Weak-L	Weak-L	Moderate-M
21					60	CO4	To enable students to formulate mathematical models for managerial decision situations and to use computer software packages to obtain a solution wherever applicable	Strong-H	Weak-L	Moderate-M	Moderate-M
21					60	CO5		-	-	-	-
21					60	CO6		-	-	-	-
22	SEM III	021021304 - PP	T6192	French A-1- Paper 2	60	CO1	To understand basic grammar of French Language	Moderate-M	Weak-L	Moderate-M	Moderate-M
22					60	CO2	To understand comprehension and linguistic skills of French Language	Moderate-M	Weak-L	Moderate-M	Moderate-M
22					60	CO3		-	-	-	-
22					60	CO4		-	-	-	-
22					60	CO5		-	-	-	-
22					60	CO6		-	-	-	-
23	SEM III	021021305 - PP	T6198	German A-1- Paper 2	60	CO1	To understand basic grammar of German Language	Moderate-M	Weak-L	Weak-L	Moderate-M
23					60	CO2	To understand comprehension and linguistic skills of German Language	Moderate-M	Weak-L	Weak-L	Moderate-M
23					60	CO3		-	-	-	-
23					60	CO4		-	-	-	-
23					60	CO5		-	-	-	-
23					60	CO6		-	-	-	-
24	SEM III	021021306 - PP	T2119	Consumer Behaviour and Insights	60	CO1	To give insights of the discipline Consumer Behavior.	Strong-H	Weak-L	Moderate-M	Strong-H
24					60	CO2	To help students understand and analyze the impact of various factors on consumer decision making process.	Moderate-M	Weak-L	Moderate-M	Strong-H
24					60	CO3	To make students understand and analyze how consumer behavior affects marketing strategies.	Moderate-M	Weak-L	Moderate-M	Moderate-M
24					60	CO4	To create application based skill where students can imply their theoretical understanding of Consumer Behavior on real time.	Moderate-M	Moderate-M	Moderate-M	Moderate-M
24					60	CO5		-	-	-	-
24					60	CO6		-	-	-	-
25	SEM III	021021307 - PP	T2468	Fundamentals of Rural Marketing	60	CO1	To understand the present level of penetration of products and services in Rural Markets and its potential.	Moderate-M	Weak-L	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
25					60	CO2	To familiarize with the changing profile of the rural consumer and at its consumption pattern.	Moderate-M	Moderate-M	Moderate-M	Weak-L
25					60	CO3	To be exposed to the innovative marketing strategies developed by Indian firms as well as MNCs for the Rural Markets.	Moderate-M	Strong-H	Moderate-M	Strong-H
25					60	CO4	To gain insight on designing product, price, distribution and promotional strategies for different classes of product targeted at Rural Consumers	Strong-H	Strong-H	Moderate-M	Strong-H
25					60	CO5		-	-	-	-
25					60	CO6		-	-	-	-
26	SEM III	021021308 - PP	T2088	Management Accounting	60	CO1	To understand, remember and apply the subject matter of management accounting for decision making in various production and service activities	Strong-H	Moderate-M	Moderate-M	Moderate-M
26					60	CO2	To analyze and evaluate and management accounting practice with reference to different industries	Strong-H	Moderate-M	Moderate-M	Moderate-M
26					60	CO3		-	-	-	-
26					60	CO4		-	-	-	-
26					60	CO5		-	-	-	-
26					60	CO6		-	-	-	-
27	SEM III	021021309 - PP	T2100	Financial Regulatory Environment	60	CO1	To understand the Indian financial system	Moderate-M	Weak-L	Moderate-M	Strong-H
27					60	CO2	To understand the roles and various services offered by financial institutions	Moderate-M	Weak-L	Moderate-M	Strong-H
27					60	CO3		-	-	-	-
27					60	CO4		-	-	-	-
27					60	CO5		-	-	-	-
27					60	CO6		-	-	-	-
28	SEM III	021021310 - PP	T2270	Industrial Relations	60	CO1	Understand the concept of Industrial Relations.	Moderate-M	Weak-L	Moderate-M	Moderate-M
28					60	CO2	Able to identify the factors affecting industrial relations and its importance.	Moderate-M	Weak-L	Moderate-M	Moderate-M
28					60	CO3	Understand the role of various actors involved and their concerns.	Moderate-M	Weak-L	Moderate-M	Moderate-M
28					60	CO4	Able to evaluate the various methods and their relevance in resolving industrial conflicts	Moderate-M	Weak-L	Moderate-M	Moderate-M
28					60	CO5	Understand the laws pertaining to industrial relations.	Moderate-M	Weak-L	Moderate-M	Weak-L
28					60	CO6		-	-	-	-
29	SEM III	021021311 - PP	T2268	Training and Development	60	CO1	To provide valuable insight about the basic concepts of training and development.	Moderate-M	Weak-L	Moderate-M	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
29					60	CO2	To outline the importance and methodology of Training process	Moderate-M	Weak-L	Moderate-M	Weak-L
29					60	CO3	To illustrate and differentiate between the various methods of training followed in various organizations and analyse its feasibility in both Indian as well as Global .	Moderate-M	Weak-L	Moderate-M	Weak-L
29					60	CO4	To identify an appropriate model of training evaluation aand learn to apply in various training program	Moderate-M	Weak-L	Moderate-M	Weak-L
29					60	CO5	To recognize the importance of Employee Development and its techniques	Moderate-M	Weak-L	Moderate-M	Weak-L
29					60	CO6		-	-	-	-
30	SEM III	021021312 - PP	T6158	International Economics : Theory and Practice	60	CO1	To help the students understand and apply the theories of international trade into practice.	Strong-H	Weak-L	Moderate-M	Moderate-M
30					60	CO2	To understand the role of international trade theories, globalization,global monetary systems in international trade	Strong-H	Weak-L	Moderate-M	Moderate-M
30					60	CO3	Students should also be able to interpret how the foreign exchange market exactly works and the role International organisations into the same.	Moderate-M	Moderate-M	Weak-L	Weak-L
30					60	CO4		-	-	-	-
30					60	CO5		-	-	-	-
30					60	CO6		-	-	-	-
31	SEM III	021021313 - PP	T6160	Post Liberalization Indian Economy	60	CO1	To learn the basics of Indian Economy post liberalization and appreciate the growth process.	Moderate-M	Moderate-M	Weak-L	Weak-L
31					60	CO2	To learn about the various sectors that contribute to the economy and its growth path with a detailed understanding of the state of agriculture, industry and service sector in the country.	Strong-H	Moderate-M	Weak-L	Weak-L
31					60	CO3	To examine the problems of the economy and seeking solutions to the same.	Moderate-M	Moderate-M	Weak-L	Weak-L
31					60	CO4		-	-	-	-
31					60	CO5		-	-	-	-
31					60	CO6		-	-	-	-
32	SEM III	021021314 - PP	T3152	Advanced Excel	60	CO1	To understand and apply MS Excel for data analysis	Moderate-M	Moderate-M	Weak-L	Weak-L
32					60	CO2	To apply Excel for financial modelling and Dashboard reporting	Moderate-M	Moderate-M	Weak-L	Weak-L
32					60	CO3		-	-	-	-
32					60	CO4		-	-	-	-
32					60	CO5		-	-	-	-
32					60	CO6		-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
33	SEM III	021021315 - PP	T3451	Data Visualization and Modeling	60	CO1	The Students will be able to learn and understand key technologies and theory in data visualization	Strong-H	Weak-L	Moderate-M	Weak-L
33					60	CO2	The Students will be able to analyze the data models and graphical perception	Strong-H	Weak-L	Moderate-M	Weak-L
33					60	CO3	The Students will be able to apply the knowledge of visualization for decision making process and use of suitable software	Strong-H	Weak-L	Moderate-M	Weak-L
33					60	CO4		-	-	-	-
33					60	CO5		-	-	-	-
33					60	CO6		-	-	-	-
34	SEM III	021021316 - PP	T3018	R Programming	60	CO1	To Understand the fundamentals of R Programming.	Moderate-M	Moderate-M	Weak-L	Weak-L
34					60	CO2	To apply R Programming for Statistical Analysis	Moderate-M	Moderate-M	Weak-L	Weak-L
35	SEM IV	021021401 - PP	T2158	Fundamentals of Quality Management	60	CO1	To define the concepts of Quality Management.	Moderate-M	Weak-L	Moderate-M	Moderate-M
35					60	CO2	To discuss different approaches for achieving quality in a business organization	Strong-H	Weak-L	Moderate-M	Moderate-M
35					60	CO3	To explain the tools of quality management	Moderate-M	Weak-L	Moderate-M	Moderate-M
36	SEM IV	021021402 - PP	T2208	Research Methodology	60	CO1	The students will be able to comprehend research issues	Moderate-M	Weak-L	Moderate-M	Moderate-M
36					60	CO2	The students will be able to identify research questions and formulate research hypothesis	Moderate-M	Weak-L	Moderate-M	Moderate-M
36					60	CO3	The students will be able to apply various technique to collect and analyze data	Moderate-M	Weak-L	Moderate-M	Moderate-M
36					60	CO4	The students will be able to write the report and understand ethics in research	Moderate-M	Weak-L	Moderate-M	Strong-H
37	SEM IV	021021403 - PP	T6193	French A1- Paper 3	60	CO1	To understand various tenses in French	Moderate-M	Weak-L	Moderate-M	Weak-L
37					60	CO2	To understand gramatical nuances in french	Moderate-M	Weak-L	Moderate-M	Weak-L
37					60	CO3	To have conversation in french	Moderate-M	Weak-L	Moderate-M	Weak-L
37					60	CO4	To be able to write short paragraphs in French	Moderate-M	Weak-L	Moderate-M	Weak-L
37					60	CO5	To be able to speak basic french properly	Strong-H	Strong-H	Strong-H	Weak-L
38	SEM IV	021021404 - PP	T6199	German A1-Paper3	60	CO1	To understand various tenses in German	Moderate-M	Strong-H	Moderate-M	Weak-L
38					60	CO2	To understand gramatical nuances in German	Moderate-M	Weak-L	Moderate-M	Weak-L
38					60	CO3	To have conversation in German	Moderate-M	Strong-H	Moderate-M	Weak-L
38					60	CO4	To be able to write short paragraphs in German	Moderate-M	Weak-L	Moderate-M	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
38					60	CO5	To be able to speak basic German properly	Moderate-M	Strong-H	Moderate-M	Weak-L
39	SEM IV	021021405 - PP	T2266	Industrial Psychology	60	CO1	The students will be able to understand the concept and importance of Industrial Psychology	Strong-H	Weak-L	Moderate-M	Moderate-M
39					60	CO2	The students will be able to understand the Individual differences at work place	Strong-H	Weak-L	Moderate-M	Moderate-M
39					60	CO3	The students will be able to understand the psychological concepts related to employee selection and recruitment	Strong-H	Weak-L	Moderate-M	Moderate-M
39					60	CO4	The students will be able to understand the concepts related to employee well-being environmental factors affecting performance, healthy working conditions, strategies adopted for Industrial safety.	Strong-H	Weak-L	Moderate-M	Moderate-M
39					60	CO5	The students will be able to understand the concepts related to changing role of trade unions, reasons for Industrial Disputes and aspects of labour welfare	Strong-H	Weak-L	Moderate-M	Moderate-M
40	SEM IV	021021406 - PP	T1134	Company Law	60	CO1	To develop a basic understanding of the theory, practical and key issues of company law.	Moderate-M	Weak-L	Moderate-M	Moderate-M
40					60	CO2	To teach the historical development of company law.	Moderate-M	Weak-L	Moderate-M	Weak-L
40					60	CO3	To provide the students with knowledge and appreciation of Company management and protection of interests of various stakeholders.	Moderate-M	Weak-L	Moderate-M	Moderate-M
40					60	CO4	To keep the students abreast with the expanded role of company in an era of privatization and to explain to the students the legal provisions regarding various fund raising mechanisms available for Corporates	Moderate-M	Weak-L	Moderate-M	Strong-H
41	SEM IV	021021407 - PP	T8000	Service Learning	60	CO1	To understand the problems faced by society in day-to-day activities and find out a solution for the same.	Moderate-M	Strong-H	Moderate-M	Strong-H
41					60	CO2	Students will be able to evaluate pros and cons of each solution , and take the right decision for solving a specific problem.	Moderate-M	Moderate-M	Strong-H	Strong-H
41					60	CO3	Students will be able to communicate effectively with Government agencies, NGO etc. for resources.	Weak-L	Strong-H	Weak-L	Moderate-M
42	SEM IV	021021408 - PP	T2802	Project I	60	CO1	To impart skill based knowledge.	Strong-H	Strong-H	Strong-H	Strong-H
42					60	CO2	Use the Knowledge for managerial applications.	Strong-H	Strong-H	Strong-H	Strong-H
43	SEM IV	021021409 - PP	T2802	Project II	60	CO1	The students will be able to apply the fundamentals of research in practice	Strong-H	Moderate-M	Moderate-M	Moderate-M
43					60	CO2	The students will be able to write a research report and relate it with decision making	Moderate-M	Moderate-M	Strong-H	Strong-H
44	SEM IV	021021410 - PP	T2744	Service Marketing	60	CO1	To provide students with basic knowledge of Service Marketing concepts, and growing importance of Service Industry	Strong-H	Weak-L	Strong-H	Strong-H
44					60	CO2	To familiarize students with the processes in services marketing.	Strong-H	Moderate-M	Strong-H	Strong-H
44					60	CO3	To enable students to understand services marketing concepts in business situations	Strong-H	Strong-H	Strong-H	Strong-H

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45	SEM IV	021021411 - PP	T2471	Introduction to Digital Marketing	60	CO1	Learn the concepts related to digital marketing and understand how they are used by marketers	Strong-H	Moderate-M	Strong-H	Strong-H
45					60	CO2	To know the major online advertising approaches	Strong-H	Weak-L	Moderate-M	Strong-H
45					60	CO3	To understand the relevance of different forms of digital marketing and its application	Strong-H	Strong-H	Strong-H	Strong-H
46	SEM IV	021021412 - PP	T2099	Direct Taxation	60	CO1	To understand basic concepts in direct taxes	Moderate-M	Weak-L	Moderate-M	Moderate-M
46					60	CO2	To apply these concepts in computing tax liability	Moderate-M	Weak-L	Moderate-M	Moderate-M
46					60	CO3	To apply tax concepts in tax planning.	Moderate-M	Weak-L	Moderate-M	Moderate-M
47	SEM IV	021021413 - PP	T2036	Financial Management	60	CO1	The students will be able to assess the concept, scope and objectives of finance functions	Strong-H	Weak-L	Moderate-M	-
47					60	CO2	Students will be able to compare relevance of investment and capital budgeting decisions	Moderate-M	Weak-L	Moderate-M	Moderate-M
47					60	CO3	The students will be able to determine and conduct leverage analysis with respect to a particular company	Moderate-M	Weak-L	Moderate-M	Moderate-M
47					60	CO4	The students will be able to choose various sources of finance business requirement	Moderate-M	Weak-L	Moderate-M	Moderate-M
47					60	CO5	The students will be able to evaluate the several dividend decisions affecting the firm	Moderate-M	Weak-L	Strong-H	Moderate-M
48	SEM IV	021021414 - PP	T2782	Workforce Planning	60	CO1	To develop a basic understanding of the theory, practice and concepts of Human Resource Planning, Recruitment & Selection process	Moderate-M	Moderate-M	Moderate-M	Strong-H
48					60	CO2	To apply basic HR forecasting tools	Moderate-M	Weak-L	Moderate-M	Strong-H
48					60	CO3	To prepare various templates required for recruitment and selection	Moderate-M	Weak-L	Moderate-M	Strong-H
48					60	CO4	To understand succession planning process	Moderate-M	Weak-L	Moderate-M	Moderate-M
49	SEM IV	021021415 - PP	T2274	Performance Management System	60	CO1	To understand the concepts of PMS, performance indices, strategic planning and apply appropriate measurement techniques.	Strong-H	Weak-L	Moderate-M	Moderate-M
49					60	CO2	To understand the concept of balance score card, Performance management execution & feedback and performance coaching and mentoring.	Strong-H	Weak-L	Moderate-M	Moderate-M
49					60	CO3	To understand the concept of performance decisions and effective performance design.	Strong-H	Weak-L	Moderate-M	Moderate-M
49					60	CO4	To understand the concept of PMS Audit and identify the current trends in PMS.	Strong-H	Weak-L	Moderate-M	Moderate-M
50	SEM IV	021021416 - PP	T2380	Export Import Management	60	CO1	To develop a basic understanding of the theory and applications of Export & Import Management	Moderate-M	Weak-L	Moderate-M	Weak-L
50					60	CO2	Apply strategies related to export and import of commodities and services in International Business	Strong-H	Weak-L	Strong-H	Weak-L

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50					60	CO3	Demonstrate an understanding of the policies and procedures involved in import and export in India	Strong-H	Weak-L	Strong-H	Weak-L
50					60	CO4	Enabling students to analyze the changes in governmental policies related to International Business	Strong-H	Weak-L	Strong-H	Weak-L
51	SEM IV	021021417 - PP	T1076	International Commercial Laws	60	CO1	To understand the legal framework of engaging in business and acquiring special knowledge of International Business	Strong-H	Moderate-M	Moderate-M	Moderate-M
51					60	CO2	To understand the laws governing in business Trade blocs and International Organisations	Strong-H	Moderate-M	Moderate-M	Moderate-M
51					60	CO3	To understand the procedure and practises of International Commercial laws	Strong-H	Moderate-M	Moderate-M	Moderate-M
51					60	CO4	To develop a basic understanding of the theoretical and practical aspects of commercial law.	Strong-H	Moderate-M	Moderate-M	Moderate-M
52	SEM IV	021021418 - PP	T3017	Python Programming	60	CO1	The students will be conversent in programming fundamentals and its application in python	Moderate-M	Weak-L	Moderate-M	Moderate-M
52					60	CO2	The students will be able to use Python for data analysis	Moderate-M	Weak-L	Moderate-M	Moderate-M
53	SEM IV	021021419 - PP	T2683	Cloud and Big Data	60	CO1	The students will be able to understand the use of Big data in different business areas	Moderate-M	Weak-L	Moderate-M	Weak-L
53					60	CO2	The students will be able to understand the use of cloud computing in different areas of business	Moderate-M	Weak-L	Moderate-M	Weak-L
54	SEM IV	021021420 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Moderate-M	Strong-H	Moderate-M	Moderate-M
54					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation	Moderate-M	Moderate-M	Moderate-M	Moderate-M
54					60	CO3	To train students to perform First aid and CPR in an emergency.	Weak-L	Weak-L	Weak-L	Weak-L
55	SEM V	021021501 - PP	T2530	Supply Chain Management	60	CO1	To describe and explain fundamentals of supply chain,be aware of supply chain	Strong-H	Moderate-M	Moderate-M	Weak-L
55					60	CO2	Be able to drive and compute optimal policies/ variables, performance measures such as costs/profits	Strong-H	Weak-L	Moderate-M	Moderate-M
56	SEM V	021021502 - PP	T2340	Business Entrepreneurship	60	CO1	To have an insight about the lives of different Entrepreneurs	Moderate-M	Weak-L	Moderate-M	Moderate-M
56					60	CO2	To outline qualities and comprehend the concept of entrepreneurship	Moderate-M	Weak-L	Moderate-M	Moderate-M
56					60	CO3	To describe various support system in the country	Moderate-M	Weak-L	Moderate-M	Moderate-M
56					60	CO4	To descuss various processes involve d in entrpreneurial venture	Moderate-M	Weak-L	Moderate-M	Moderate-M
57	SEM V	021021503 - PP	T2229	Basics of Corporate Governance and Ethics	60	CO1	Analyze the theoretical and empirical aspect of corporate governance	Moderate-M	Weak-L	Moderate-M	Moderate-M
57					60	CO2	Evaluate the primary roles of various groups with responsibilities for corporate governance	Moderate-M	Weak-L	Moderate-M	Moderate-M
57					60	CO3	Critically recognise ethical issue at all corporate level	Moderate-M	Weak-L	Moderate-M	Strong-H

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57					60	CO4	Analyze the implementation of corporate governance policy	Moderate-M	Weak-L	Moderate-M	Moderate-M
57					60	CO5	Analyze ethical dilemmas based on governing criteria	Moderate-M	Weak-L	Moderate-M	Moderate-M
58	SEM V	021021504 - PP	T6193	French A-1- Paper 3	60	CO1	To understand various tenses in French	Moderate-M	Weak-L	Moderate-M	Weak-L
58					60	CO2	To understand gramatical nuances in French	Moderate-M	Weak-L	Moderate-M	Weak-L
58					60	CO3	To have conversation in French	Moderate-M	Weak-L	Moderate-M	Weak-L
58					60	CO4	To be able to write short paragraphs in French	Moderate-M	Weak-L	Moderate-M	Weak-L
58					60	CO5	To be able to speak basic French property	Moderate-M	Weak-L	Moderate-M	Weak-L
59	SEM V	021021505 - PP	T6199	German A-1- Paper 3	60	CO1	To understand various tenses in German	Moderate-M	Strong-H	Moderate-M	Weak-L
59					60	CO2	To understand gramatical nuances in German	Moderate-M	Weak-L	Moderate-M	Weak-L
59					60	CO3	To have conversation in German	Moderate-M	Strong-H	Moderate-M	Weak-L
59					60	CO4	To be able to write short paragraphs in German	Moderate-M	Weak-L	Moderate-M	Weak-L
59					60	CO5	To be able to speak basic German property	Moderate-M	Strong-H	Moderate-M	Weak-L
60	SEM V	021021506 - PP	T2460	Advertising and Public Relations	60	CO1	To give an overview of the discipline	Strong-H	Strong-H	Moderate-M	Moderate-M
60					60	CO2	To create application based skill	Strong-H	Strong-H	Strong-H	Strong-H
60					60	CO3	To inculcate critical thinking	Strong-H	Strong-H	Strong-H	Strong-H
61	SEM V	021021507 - PP	T2471	Introduction to Digital Marketing	60	CO1	Learn the concepts related to digital marketing and understand how they are used by marketers	Strong-H	Strong-H	Moderate-M	Weak-L
61					60	CO2	To know the major online advertising approaches	Moderate-M	Strong-H	Moderate-M	Strong-H
61					60	CO3	To understand the relevance of different forms of digital marketing and its application	Strong-H	Strong-H	Strong-H	Moderate-M
62	SEM V	021021508 - PP	T2467	Fundamentals of Brand Management	60	CO1	To understand fundamental relevant theories in branding and brand positioning	Strong-H	Strong-H	Strong-H	Strong-H
62					60	CO2	To understand important issues and planning and implementing brand strategy	Strong-H	Strong-H	Strong-H	Moderate-M
62					60	CO3	To understand the meaning of brand equity	Strong-H	Strong-H	Moderate-M	Moderate-M
62					60	CO4	To help students to excel their career in the field of advertising and PR world	Strong-H	Strong-H	Strong-H	Strong-H
63	SEM V	021021509 - PP	T2110	Financial and Systemic Fraud	60	CO1	The students will be able to learn and understandfinancial frauds in its various forms and approach to frauds	Strong-H	Weak-L	Strong-H	Moderate-M
63					60	CO2	The students will be able to understand and apply the knowledge of variouscriminological theories in financial crimes	Moderate-M	Moderate-M	Moderate-M	Moderate-M
63					60	CO3	The students will be able to understandand analyse the law and control for various kind of financial frauds	Strong-H	Weak-L	Moderate-M	Moderate-M

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63					60	CO4	The students will be able to understand and apply the the knowledge of punitive policies in case of financial frauds	Moderate-M	Weak-L	Strong-H	Moderate-M
64	SEM V	021021510 - PP	T2452	Introduction to Financial Services	60	CO1	Describe the nature of different financial services and their features	Moderate-M	Weak-L	Moderate-M	Moderate-M
64					60	CO2	Compare and contrast services extended by banks and NBFCs	Moderate-M	Weak-L	Moderate-M	Moderate-M
64					60	CO3	Critically analyse the nature and role of each service	Moderate-M	Weak-L	Moderate-M	Moderate-M
65	SEM V	021021511 - PP	T2669	Portfolio Management	60	CO1	To gain knowledge about capital markets in India	Strong-H	Weak-L	Moderate-M	Moderate-M
65					60	CO2	To understand Futures& Options	Moderate-M	Weak-L	Moderate-M	Moderate-M
65					60	CO3	To acquire knowledge about working of stock exchanges, depositories	Moderate-M	Weak-L	Moderate-M	Moderate-M
65					60	CO4	To give the students the basic idea about portfolio management	Moderate-M	Weak-L	Moderate-M	Moderate-M
65					60	CO5	To help students in decision making on the basis of risk and return	Moderate-M	Weak-L	Moderate-M	Moderate-M
66	SEM V	021021512 - PP	T2269	Organizational Development and Change	60	CO1	To provide valuable insight about the meaning and need for organization change and organization development for maintaining the effectiveness of the organization.	Strong-H	Moderate-M	Strong-H	Moderate-M
66					60	CO2	To help students understand the process of Organization Development.	Moderate-M	Moderate-M	Moderate-M	Moderate-M
66					60	CO3	To demonstrate to the students the complex nature of organizational change and development.	Strong-H	Moderate-M	Moderate-M	Moderate-M
66					60	CO4	To identify various factors influencing organizational change and development.	Strong-H	Moderate-M	Moderate-M	Moderate-M
66					60	CO5	The students can apply different interventions necessary for achieving the organizational goals.	Strong-H	Moderate-M	Moderate-M	Moderate-M
67	SEM V	021021513 - PP	T2277	HRD Instruments	60	CO1	Student will able to understand the meaning and need for HRD.	Moderate-M	Weak-L	Moderate-M	Moderate-M
67					60	CO2	To identify HRD needs and roles and responsibilities of line managers, supervisors and Human Resource Development Specialist in HRD	Moderate-M	Strong-H	Moderate-M	Moderate-M
67					60	CO3	To apply the theories of HRD in various organizations	Moderate-M	Weak-L	Moderate-M	Moderate-M
67					60	CO4	To interpret and administer the basic psychometric tests for employee productivity and also illustrate the application of Emotional intelligence and Transactional analysis in an interpersonal interaction)	Moderate-M	Weak-L	Strong-H	Moderate-M
67					60	CO5	To discuss workforce diversity, demographic changes in global context	Moderate-M	Weak-L	Strong-H	Moderate-M
68	SEM V	021021514 - PP	T2275	Compensation Management	60	CO1	To understand the concepts,need and forms of Compensation Management	Strong-H	Moderate-M	Strong-H	Moderate-M
68					60	CO2	To explain and apply different forms of compensation to hire the best talent	Strong-H	Weak-L	Strong-H	Moderate-M
68					60	CO3	To list the concepts and key constituents in remunerating employees in an organization for ethical practices	Strong-H	Weak-L	Strong-H	Moderate-M

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68					60	CO4	To illustrate the various employee benefits in terms of compensation and the corresponding applications	Strong-H	Moderate-M	Strong-H	Moderate-M
68					60	CO5	To identify Contemporary Issues in Compensation Management	Strong-H	Weak-L	Strong-H	Moderate-M
69	SEM V	021021515 - PP	T2381	Indias Foreign Trade	60	CO1	Demonstrate knowledge of Indias Foreign trade with regard to recent government policies balancing the balance of payment with the help of import substitution and export promotion and managing exchange rate by RBI.	Strong-H	Moderate-M	Weak-L	Moderate-M
69					60	CO2	Reconcile how the growing need for Foreign capital is being realized by the Government with the management of external debt	Strong-H	Weak-L	Moderate-M	Moderate-M
69					60	CO3	Demonstrate an understanding of how Indian companies are facing problem at international level like TRIPS, TRIMS and GATS	Strong-H	Weak-L	Moderate-M	Weak-L
70	SEM V	021021516 - PP	T2532	Operations Management	60	CO1	To develop a basic understanding of the theory and application of operation	Moderate-M	Weak-L	Moderate-M	Weak-L
70					60	CO2	Understand the characteristics of Manufacturing and Service operation	Moderate-M	Weak-L	Moderate-M	Weak-L
70					60	CO3	Importance of quality standards in operations Management	Moderate-M	Weak-L	Moderate-M	Weak-L
70					60	CO4	Important of Lean , Six sigma , JIT and other tools in operations management	Moderate-M	Weak-L	Moderate-M	Weak-L
71	SEM V	021021517 - PP	T2159	International Trade and Logistics	60	CO1	To identify and understand fundamental concepts in International trade practices.	Strong-H	Weak-L	Moderate-M	Weak-L
71					60	CO2	To demonstrate the understanding on the various dimensions of Logistics Operations	Strong-H	Weak-L	Moderate-M	Weak-L
71					60	CO3	To prepare plans for logistics operations for an organization	Moderate-M	Weak-L	Strong-H	Weak-L
72	SEM V	021021518 - PP	T2801	Live Project on International Trade and Logistics	60	CO1	To make the students understand the various concepts in International trade practices practically	Strong-H	Weak-L	Moderate-M	Weak-L
72					60	CO2	To demonstrate practical the understanding on the various dimensions of Logistics Operations	Strong-H	Weak-L	Moderate-M	Weak-L
72					60	CO3	To gain practical insight into the working of logistics operations for business	Strong-H	Weak-L	Moderate-M	Weak-L
73	SEM VI	021021601 - PP	T2235	Introduction to Contemporary Business Practices	60	CO1	Understand the Evolution of Business Organization and Business Practices	Strong-H	Strong-H	Strong-H	Moderate-M
73					60	CO2	Know the important aspects related to Growth of Key Sectors In Business	Strong-H	Moderate-M	Moderate-M	Strong-H
73					60	CO3	Identify the Socio- Economic Trends in Business	Moderate-M	Strong-H	Strong-H	Moderate-M
74	SEM VI	021021602 - PP	T2343	MSME and Family Managed Business	60	CO1	To comprehend the functions, roles and issues of small business enterprises.	Moderate-M	Weak-L	Moderate-M	Moderate-M
74					60	CO2	To understand current business opportunities	Moderate-M	Weak-L	Moderate-M	Moderate-M
74					60	CO3	To recognize a broader perspective about Family Managed business.	Strong-H	Weak-L	Moderate-M	Moderate-M

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74					60	CO4	To learn practical steps in making a small business successful	Moderate-M	Weak-L	Moderate-M	Moderate-M
75	SEM VI	021021603 - PP	T3218	Basics of Management Information Systems	60	CO1	Understanding meaning and application of Management Information Systems	Strong-H	Weak-L	Moderate-M	Moderate-M
75					60	CO2	Understanding components of IT infrastructure	Moderate-M	Weak-L	Moderate-M	Moderate-M
75					60	CO3	Understanding decision making process	Strong-H	Weak-L	Weak-L	Strong-H
75					60	CO4	Understanding application of Management Information Systems in Service and Manufacturing Industry	Moderate-M	Weak-L	Weak-L	Moderate-M
75					60	CO5	Understanding the security of Management Information Systems	Strong-H	Strong-H	Moderate-M	Moderate-M
76	SEM VI	021021604 - PP	T2719	Elementary Retail Marketing	60	CO1	Understand the principles, practices, and concepts used in retail marketing management.	Moderate-M	Strong-H	Strong-H	Moderate-M
76					60	CO2	Know the relationship of product, price, distribution, and promotion to the key processes in planning, managing, and executing the retail marketing mix.	Strong-H	Strong-H	Moderate-M	Moderate-M
76					60	CO3	Understand the conceptual and organizational aspects of the retail sector in real time.	Strong-H	Strong-H	Moderate-M	Moderate-M
77	SEM VI	021021605 - PP	T2461	Basics of International Marketing	60	CO1	To introduce the students to Marketing procedures and practices at an international level	Moderate-M	Strong-H	Moderate-M	Strong-H
77					60	CO2	To familiarize them with the changing Marketing strategies at the international level.	Strong-H	Moderate-M	Moderate-M	Moderate-M
77					60	CO3	To create an appreciation for a Global Marketing perspective, its challenges and issues.	Moderate-M	Moderate-M	Moderate-M	Strong-H
78	SEM VI	021021606 - PP	T2466	Fundamentals of B2B Marketing	60	CO1	To give an overview of the discipline B2B Marketing.	Strong-H	Strong-H	Strong-H	Strong-H
78					60	CO2	To learn best practice frameworks and tools to succeed in rapidly evolving, complex B2B markets	Moderate-M	Weak-L	Moderate-M	Weak-L
78					60	CO3	To sharpen critical analysis, problem-solving, and communication skills necessary to lead effective B2B marketing strategy design and execution.	Strong-H	Strong-H	Moderate-M	Moderate-M
78					60	CO4	To practice effectively choosing, creating and communicating customer value in B2B markets and converting that value into revenue growth and profitability.	Strong-H	Strong-H	Moderate-M	Moderate-M
79	SEM VI	021021607 - PP	T2105	Mergers and Acquisitions	60	CO1	To understand the reasons and motivations of mergers & acquisitions	Strong-H	Weak-L	Moderate-M	Moderate-M
79					60	CO2	To understand the process and regulations related to M &A	Strong-H	Moderate-M	Moderate-M	Strong-H
79					60	CO3	To analyse various cases of mergers and acquisitions	Strong-H	Weak-L	Moderate-M	Moderate-M
80	SEM VI	021021608 - PP	T2106	Project Finance and Infrastructure Financing	60	CO1	To develop the basic concepts in project finance	Strong-H	Weak-L	Moderate-M	Moderate-M
80					60	CO2	To identify the dynamics involved in managing a project	Strong-H	Weak-L	Moderate-M	Weak-L

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80					60	CO3	To develop Infrastructure Financing and its application	Moderate-M	Weak-L	Moderate-M	Moderate-M
81	SEM VI	021021609 - PP	T2107	Working Captial Management	60	CO1	To help students understand the concept of Working capital	Strong-H	Weak-L	Moderate-M	Moderate-M
81					60	CO2	To estimate and calculate the working capital requirements	Strong-H	Weak-L	Moderate-M	Moderate-M
81					60	CO3	To carry out detailed analysis of components of working capital	Strong-H	Weak-L	Moderate-M	Moderate-M
82	SEM VI	021021610 - PP	T2276	Cross Cultural Management	60	CO1	To better understand the definition of culture and its relationship to business.	Moderate-M	Weak-L	Moderate-M	Moderate-M
82					60	CO2	To give the students an international perspective of managing business.	Moderate-M	Moderate-M	Moderate-M	Moderate-M
82					60	CO3	To help students understand the cultural values and behaviors of different countries.	Moderate-M	Moderate-M	Strong-H	Moderate-M
82					60	CO4	To give insight into the relationship between national values and workplace attitudes and behaviors.	Moderate-M	Moderate-M	Strong-H	Moderate-M
82					60	CO5	To learn specific skills that will increase the students ability to appreciate and assimilate cultural differences.	Moderate-M	Strong-H	Moderate-M	Moderate-M
83	SEM VI	021021611 - PP	T2267	Managerial Competences and Career Development	60	CO1	The students will be able to understand the concept of competency and recognize the importance of competency based management	Strong-H	Weak-L	Strong-H	Moderate-M
83					60	CO2	Students will able to classify the various competencies required for different functions of management	Strong-H	Moderate-M	Moderate-M	Moderate-M
83					60	CO3	Students will able to differentiate between Traditional and Protean Career and also come to know about various Challenges in Career Management	Moderate-M	Moderate-M	Moderate-M	Moderate-M
83					60	CO4	Students will also able to identify the roles of various stakeholders in Career Management of Employees	Strong-H	Moderate-M	Moderate-M	Moderate-M
84	SEM VI	021021612 - PP	T2273	Emotional Intelligence for Personal Growth	60	CO1	The students will be able to understand the concept and importance of Emotional Intelligence	Moderate-M	Weak-L	Strong-H	Moderate-M
84					60	CO2	Students will able to understand the importance of being emotionally intelligent individual	Moderate-M	Weak-L	Strong-H	Moderate-M
84					60	CO3	The students will be able to understand the concepts related to self-Management. They will also able to identify ones own emotions and also know others in a better way.	Moderate-M	Weak-L	Strong-H	Moderate-M
84					60	CO4	The students will be able to understand the concepts of emotional and social skills required for handling interpersonal relationships	Moderate-M	Weak-L	Strong-H	Moderate-M
84					60	CO5	Students will be able to understand the concept and value of emotional intelligence skills for effective team work.The students will be sensitized with the concept conflict resolution	Moderate-M	Moderate-M	Strong-H	Moderate-M
85	SEM VI	021021613 - PP	T2383	International Relations and Strategy	60	CO1	Apply theories and approaches to understanding world politics	Moderate-M	Strong-H	Moderate-M	Strong-H
85					60	CO2	Demonstrate the impact of the politics of International relations in the business and how it affects the strategies of an enterprise	Strong-H	Weak-L	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
85					60	CO3	Prepare a student with the ability to analyze the impact of world politics on global business problems	Moderate-M	Weak-L	Moderate-M	Weak-L
86	SEM VI	021021615 - PP	T6161	Basics Econometrics	60	CO1	Illustrate the Empirical approach to Economics	Moderate-M	Weak-L	Strong-H	Weak-L
86					60	CO2	Employ empirical data in Economics	Moderate-M	Weak-L	Strong-H	Weak-L
86					60	CO3	Infer from the linear Multiple Regression Models	Moderate-M	Weak-L	Strong-H	Weak-L
86					60	CO4	Recognize the use of econometric software packages as tools of Quantitative and Statistical Analysis.	Strong-H	Moderate-M	Moderate-M	Moderate-M

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Management Knowledge: Possess and apply the knowledge to identify, formulate and solve business and managerial problems within the global business context
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Critical Thinking: Use research based knowledge and research methods to apply, build and analyze problems
3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	Individual and team work: Develop capability to function effectively as an individual and as a member/ leader of a team
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	Communication: Demonstrate written and oral skills appropriate for business communication and to communicate effectively with stakeholders and society at large
5	GA3	Eco-literate: sensitivity towards a sustainable environment	PO5	Environment and Sustainability: Understand the issues of environmental context and sustainable development
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	Ethics: Recognize and commit to following professional & organizational code of conduct in the larger interest of society and humanity
7	GA2	Global citizenship: ethical, social and professional understanding	PO7	Social citizen: Demonstrate sensitivity towards the community and willingness to participate and contribute towards national/international development
8	GA1	Scholarship: research, inquiry and lifelong learning	PO8	Lifelong learning: Acquire the ability to engage in lifelong learning in the era of rapid technological advances through professional development, practical training and specialized certificates
9	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO9	Interdisciplinary: Build an ability to function in multidisciplinary teams
10	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO10	Entrepreneurship: Build the entrepreneurial abilities

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
1	SEM I	020621101 - PP	T3218	Basics of Management Information Systems	60	CO1	To understand basics of computers, Information System and allied technology	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
1					60	CO2	To know details about working of Information system	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
1					60	CO3	To study some tools and techniques of decision making in organization	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M

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5	SEM I	020621105 - PP	T6156	Principles of Microeconomics	60	CO1	To understand the basics of economics and interpret the concepts of Utility, Consumer Equilibrium & Goals of Firms	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
5					60	CO2	To equip the students with the knowledge and tools to understand and analyse individual and market demand and supply	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
5					60	CO3	To interpret and apply the production, cost and revenue concepts	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M
5					60	CO4	To understand various market forms and apply the concept of equilibrium in case of Monopoly and Perfect Competition	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M
6	SEM I	020621106 - PP	T2863	Management Essentials	60	CO1	To develop a strong base in Management theories	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
6					60	CO2	To help understand the role of business in the economy	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
6					60	CO3	To enable students to better understand the mechanics of trade and commerce	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
6					60	CO4	To handhold students into knowledge and skills in business and management	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
6					60	CO5	To enlighten students on current and futuristic aspects of management	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
7	SEM I	020621107 - PP	T2202	Business Mathematics	60	CO1	Equip and discuss basic concepts of Business Mathematics	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M
7					60	CO2	Learn about the basic Algebraic and Calculus Tools	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M
7					60	CO3	Understand Mathematical Applications in real world	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M
7					60	CO4	Use Mathematical Concepts to solve and apply real world problems	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M
8	SEM I	020621410 - PP	T6184	German - I	60	CO1	Able to introduce using the vocabulary	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M

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8					60	CO2	Can read and write numbers ,dates etc	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
8					60	CO3	Able to identify objects in classroom	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
8					60	CO4	To be able to express likes and dislikes	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
9	SEM I	020621412 - PP	T6186	French - I	60	CO1	Able to introduce	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
9					60	CO2	Can write and talk about family	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
9					60	CO3	Can introduce someone else using the vocabulary of nationalities and professions	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
9					60	CO4	Can read , understand and write and say numbers , days , dates	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
9					60	CO5	Can write and talk about likes and dislikes	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
10	SEM I	020621414 - PP	T6188	Spanish - I	60	CO1	To greet someone & introduce in Spanish.	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
10					60	CO2	To form simple sentences and can identify and use numbers to tell the day, date, telephone number, etc. effectively	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
10					60	CO3	Able to talk about likes, dislikes and hobbies and ask others about theirs.	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
10					60	CO4	Able to carry on basic conversations in Spanish.	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
11	SEM I	020621421 - PP	T6729	Introduction to Socio Cultural Studies	60	CO1	Able to understand impacts of culture on our social life	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
11					60	CO2	To have an understanding of how social customs eventually form a tradition.	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L
11					60	CO3	To analyse how life styles evolves a person with the traditional profession that he has been handling as a legacy of his family generations	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M

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14					60	CO3	Application of different marketing concepts (4Ps) to propose ethical and creative solutions to problems related to marketing that arise in business context.	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
14					60	CO4	To employ STP (Segmenting, Targeting & Positioning) and experience the changes in the world of Marketing.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
14					60	CO5	To work effectively and efficiently as an individual as well as a team member .	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
15	SEM II	020621204 - PP	T2264	Human Resource Management	60	CO1	Describe basic concept of HRM	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L
15					60	CO2	Describe and explain functions of HRM in detail	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L
15					60	CO3	Describe, explain and apply concept of Job Analysis, Training Analysis and Methods	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
15					60	CO4	Describe role of HRM in Quality Assurance	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L
16	SEM II	020621205 - PP	T2668	Management Accounting	60	CO1	To understand the basic concept of Management accounting	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
16					60	CO2	To understand the objectives and tools of management accounting	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
16					60	CO3	To ensure that the students are able to apply the various techniques of management accounting for managerial decision making	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
16					60	CO4	To learn to analyse and interpret the financial statements	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
17	SEM II	020621206 - PP	T6157	Macroeconomic Theory	60	CO1	To understand the basic objectives of macroeconomic policy and National Income Analysis	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
17					60	CO2	To equip the students with the knowledge and tools to understand the role of money and the reasons we demand money	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H

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17					60	CO3	To interpret the process of Income, Output and Employment generation - Classical and Keynesian Theory	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M
17					60	CO4	To understand the role of business cycles and why they occur and the role of inflation	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M
18	SEM II	020621207-PP	T2783	Corporate Governance and Ethics	60	CO1	To understand the regulatory practices relating to Company Law under the Companies Act, 2013	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M
18					60	CO2	To know the Company management and protection of interests of various stakeholders and Board practices	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L
18					60	CO3	To understand the legal provisions regarding various fund raising mechanisms available for Corporates	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L
18					60	CO4	To understand corporate actions in a business context so as to identify the applicability of Company law provisions .	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
18					60	CO5	To acquire the skills of drafting , interpreting texts of company law through experiential learning	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
19	SEM II	020621208-PP	T4005	Integrated Disaster Management *	60	CO1	To enable student understand various types of disasters, its preparedness and management	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
19					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
19					60	CO3	To train students to perform First aid and CPR in an emergency.	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
20	SEM II	020621411-PP	T6185	Basic German II	60	CO1	Able to converse in day to day situations like ordering in a restaurant, making hotel reservations	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M

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20					60	CO2	Can converse in situations like going to the market, asking for directions, clothes shopping	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
20					60	CO3	Able to describe a house	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
20					60	CO4	Can do travel arrangements i.e. conversation at the airport/train station/bus stop	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
20					60	CO5	Able to talk about illness, can conduct a dialogue at the doctors place	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
21	SEM II	020621413-PP	T6187	Basic French II	60	CO1	Able to write and speak about daily routine	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
21					60	CO2	To read , understand and tell the time	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
21					60	CO3	Can converse in day to day situations like asking directions , buying fruits /vegetables / ordering in a restaurant / fixing up a meeting .	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
21					60	CO4	Can talk about weather .	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
21					60	CO5	Can talk about illness	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
22	SEM II	020621415-PP	T6189	Basic Spanish II	60	CO1	Able to read a Spanish menu card and order food at a restaurant.	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
22					60	CO2	Able to reserve a hotel room, specify preferences	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
22					60	CO3	Can make a shopping list, ask for the prices, compare prices and carry out a conversation	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
22					60	CO4	Able to book and a flight and check-in luggage	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
23	SEM II	020621421-PP	T6729	Introduction to Socio Cultural Studies	60	CO1	Able to understand impacts of culture on our social life	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
23					60	CO2	To have an understanding of how social customs eventually form a tradition.	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L
23					60	CO3	To analyse how life styles evolves a person with the traditional profession that he has been handling as a legacy of his family generations	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M

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23					60	CO4	To collect the data through survey and build observations in form of a research project that compiles study and analysis of Human Behaviour developed in different patterns of Indian Society.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L
24	SEM II	020621422-PP	T6727	Psychology	60	CO1	Understand the general trends in the field of psychology	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
24					60	CO2	Gain scientific understanding of human experience, including behavior, mental processes and emotions.	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
24					60	CO3	Gain knowledge to understand human behaviour in daily life.	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
24					60	CO4	Gain confidence in communication and have developed research and analytical ability and master the art of conflict resolution	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
25	SEM II	020621423-PP	T6455	Self-Management I	60	CO1	Become aware of who I am and what I want out of life.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
25					60	CO2	Learn yoga asanas, mudras, pranayamas, meditation techniques for a healthy mind, body and soul.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
25					60	CO3	Appreciate Salsa dance as a fun way to fitness.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
25					60	CO4	Understand the Power of Thought and Law of Attraction to achieve success in every sphere of life and to live the life of my dreams.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
25					60	CO5	Gain confidence to deal with life situations with ease and complete self-control - stress, anger, crisis, criticism, change, addiction and peer pressure, interpersonal and soft skills, time management and work-life balance.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L

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26	SEM II	020621424 - PP	T6457	Film Appreciation	60	CO1	Understand the various constituent parts of a film	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
26					60	CO2	Become aware of the emerging trends in global cinema	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M
26					60	CO3	Gain understanding about the ecosystem of Indian and global cinema	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M
26					60	CO4	Gain a basic understanding about film festivals	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
27	SEM II	020621425 - PP	T6479	Literature of fantasy & Science finction	60	CO1	Gain sound knowledge of the historic development of science fiction and fantasy into their modern forms as literary genres and modes of entertainment and art.	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
27					60	CO2	Describe and analyze common science fiction and fantasy themes, tropes, and modes of expression.	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
27					60	CO3	Understand representative works of science fiction and fantasy in a larger cultural, intellectual, and aesthetic context	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
27					60	CO4	Understand tropes and formats of science fiction and fantasy.	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
28	SEM II	020621427 - PP	T6455	Information Technology Law	60	CO1	Understand the basic of cyber law	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M
28					60	CO2	Understand the relationship between technology and Law	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L
28					60	CO3	Understand the fundamentals of IT Act.	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M
28					60	CO4	Apply the knowledge of cyber law in Indian context.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M
28					60	CO5	Understand intellectual property rights and Acts implemented to protection.	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L
29	SEM III	020621301 - PP	T2207	Operations Research	60	CO1	Equip students with fundamental concepts of Operations research and its potential in Businesses	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M

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29					60	CO2	Understand the characteristics of decision making	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M
29					60	CO3	Use scientific processes for taking decisions	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M
29					60	CO4	Learn about the various optimization methods and their usage in decision making	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M
30	SEM III	020621302 - PP	T1133	Business Laws	60	CO1	Demonstrate a good understanding of the legal framework regulating business in India	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
30					60	CO2	Explain the legal terms, principles and maxims used in business transactions	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M
30					60	CO3	Explain the provisions of the substantive law under various acts regulating business in India	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M
30					60	CO4	Examine laws in a business context so as to identify the applicability of laws to various business transactions	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M
30					60	CO5	Assess a business situation in its legal context by applying the basic understanding of the acts and offer solutions	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M
31	SEM III	020621303 - PP	T2267	Managerial Competencies and Career Development	60	CO1	Describe, explain and apply concepts of competency, its fundamentals, types and how to write it at basic level	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M
31					60	CO2	Describe competency based HR functions at basic level	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M
31					60	CO3	Describe, explain and apply basic level career concepts, career planning process, career development model and role of various stakeholder	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M
31					60	CO4	Describe various career challenges faced by an employee & apply how can HR help	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M

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34					60	CO4	To make student analyse the challenges associated with various aspects of Services.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
34					60	CO5	To make student analyse different sectors of included under the category of services.	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
35	SEM III	020621307 - PP	T6160	Post Liberalization Indian Economy	60	CO1	To make students understand the reasons for the economic reform and the problems faced by the economy at large	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
35					60	CO2	To equip the students with the knowledge and the understanding to interpret and analyse the role of the Agricultural Sector in the Indian Economy and the problems faced by the same	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M
35					60	CO3	To interpret the role of the industry and services sector in the Indian Economy along with the problems faced by them and the current trends	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M
36	SEM III	020621308 - PP	T2010	Banking Operations	60	CO1	To describe, explain & compare the products offered and the operations of banks.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
36					60	CO2	To describe, explain and compare the legal aspects associated with banking operations.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
37	SEM III	020621309 - PP	T2459	Corporate Accounting	60	CO1	To understand corporate accounting concepts and compute Pre & Post Incorporation Profits	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
37					60	CO2	To understand and learn about company Accounts - Basic Journal Entries for Issue, Forefeiture, Re-Issue of Shares, Preference Shares, Debentures	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
37					60	CO3	To understand the meaning & preparation of final accounts of joint stock companies in the prescribed schedule	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L

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40	SEM III	020621312 - PP	T2488	Introduction to Sustainable Development	60	CO1	Students will understand the concept of Sustainable Development (SD) and its Evolution	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
40					60	CO2	To create, understand need for Sustainable Development, and awareness regarding the SD, Challenge for SD	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
40					60	CO3	To will understand significance of Rio Conference, Rio Declaration On Environment and Development, Agenda 21, COPs	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
40					60	CO4	Students will know & understand what are regional Environmental Status Reports , Energy audits. Water Audits	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
40					60	CO5	To understand Environment Management System(EMS), ISO 14001, Life Cycle Analysis (LCA),Green Marketing,Eco-Labeling,Occupational Health and Safety Management System (OHSAS) Strategies for SD	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
41	SEM III	020621313 - PP	T2874	MSME and Family Managed Business	60	CO1	To recognize a broader perspective about Family Managed business.	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H
41					60	CO2	To comprehend the functions ,roles and issues of small business enterprises	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H
41					60	CO3	To learn to work in a team as well as individually	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H
41					60	CO4	To gain knowledge of the concept and ecosystem of entrepreneurship	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H
42	SEM III	020621314 - PP	T2701	Social Entrepreneurship	60	CO1	To understand the meaning of social entrepreneurship and what challenges are faced by those wishing to adopt social entrepreneurship methods.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H

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42					60	CO2	To learn how social entrepreneurs have applied social entrepreneurship principles to address social problems,	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H
42					60	CO3	To interpret the role of developing a sustainable business model that addresses a social problem.	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
42					60	CO4	To apply the knowledge and develop your own skills to address social problems through field work.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
43	SEM III	020621315 - PP	T2268	Training and Development	60	CO1	Describe, explain and apply basic concepts & process of Training	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
43					60	CO2	Describe, explain and apply concepts of training need analysis, training methods, training transfer and training evaluation for a given individual, department and organisation need to achieve training effectiveness	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L
43					60	CO3	Describe & explain process and approaches of employee or management development	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
44	SEM III	020621316 - PP	T2881	Consumer Behaviour and Insights	60	CO1	To understand consumer decision making	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M
44					60	CO2	To understand how various psychological factors influence consumer buying behaviour	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
44					60	CO3	To understand how various social and cultural factors influence consumer buying behaviour	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
44					60	CO4	To examine how consume behaviour affects marketing strategies	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H

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47					60	CO5	To understand possibilities of alternative solutions with spatial technologies , and integration of various stakeholders to overcome global environmental issues	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
48	SEM III	020621320 - PP	T2341	Creativity and Innovation	60	CO1	To understand the Importance of Creativity and Innovation in Entrepreneurship	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M
48					60	CO2	To undergo the creative process by actively solving problems and thinking out of the box	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
48					60	CO3	To experience the process of idea generation	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
48					60	CO4	To comprehend the process of translating ideas into innovations	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
48					60	CO5	To understand possibilities of alternative use of existing innovations	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
49	SEM III	020621421 - PP	T6729	The Literature of fantasy and Science fiction	40	CO1	Gain sound knowledge of the historic development of science fiction and fantasy into their modern forms as literary genres and modes of entertainment and art.	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
49					40	CO2	Describe and analyze common science fiction and fantasy themes, tropes, and modes of expression.	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
49					40	CO3	Understand representative works of science fiction and fantasy in a larger cultural, intellectual, and aesthetic context	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
49					40	CO4	Understand tropes and formats of science fiction and fantasy.	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
50	SEM III	020621422 - PP	T6727	Analysis of Current Events	60	CO1	Demonstrate skills related to vocabulary of the media, reading, listening, comprehension, critical thinking and expression.	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M
50					60	CO2	Understand the writing style of news media	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M

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50					60	CO3	Gain critical understanding of news on social media	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M
51	SEM III	020621423-PP	T6455	Information Technology Law	60	CO1	Understand the basic of cyber law	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M
51					60	CO2	Understand the relationship between technology and Law	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L
51					60	CO3	Understand the fundamentals of IT Act.	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M
51					60	CO4	Apply the knowledge of cyber law in India context.	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M
51					60	CO5	Understand intellectual property rights and Acts implemented to protection.	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L
52	SEM III	020621424-PP	T6457	Introduction to Psychology	60	CO1	Understand the general trends in the field of psychology	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
52					60	CO2	Gain scientific understanding of human experience, including behavior, mental processes and emotions.	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
52					60	CO3	Gain knowledge to understand human behaviour in daily life.	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
52					60	CO4	Gain confidence in communication and have developed research and analytical ability and master the art of conflict resolution	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
53	SEM III	020621425-PP	T6479	Self Management-I	60	CO1	Become aware of who I am and what I want out of life.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
53					60	CO2	Learn yoga asanas, mudras, pranayamas, meditation techniques for a healthy mind, body and soul.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
53					60	CO3	Appreciate Salsa dance as a fun way to fitness.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
53					60	CO4	Understand the Power of Thought and Law of Attraction to achieve success in every sphere of life and to live the life of my dreams.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L

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56					60	CO3	To understand brand architecture and communication program in branding.	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
57	SEM IV	020621404-PP	T6158	International Economics : Theory and Practice	60	CO1	To understand the basic objectives and importance of International Economics.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
57					60	CO2	To equip the students with the knowledge of different theories of International Trade.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L
57					60	CO3	To interpret the situation of terms of trade and International Trade Policy especially in developing countries.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M
57					60	CO4	To describe and understand the Balance of Payments and Exchange Rate Determination and the role of International Organizations.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
58	SEM IV	020621405-PP	T1134	Company Law	60	CO1	To demonstrate a good understanding and insight into the regulatory practices relating to Company Law under the Companies Act, 2013 as amended until 2017	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
58					60	CO2	To provide the students with knowledge and appreciation of Company management and protection of interests of various stakeholders and Board practices	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
58					60	CO3	To explain to the students the legal provisions regarding various fund raising mechanisms available for Corporates	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
58					60	CO4	To examine corporate actions in a business context so as to identify the applicability of Company Law provisions	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M
58					60	CO5	To acquire skills of drafting, interpreting texts of company law through experiential learning	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M

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59	SEM IV	020621406 - PP	T2489	Renewable Energy Sources	60	CO1	To describe and explain various issues of development and its consequences	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
59					60	CO2	Students will understand need for Renewable Energy Resources : Solar Energy, Wind Energy	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
59					60	CO3	Students will learn and understand Geothermal Energy, Nuclear Energy , Hydro Power	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
60	SEM IV	020621407 - PP	T2832	Business Modelling and Business Plan	60	CO1	To describe and understand the concept of Oesterwalders business model canvas and its elements	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
60					60	CO2	To describe the formalities for setting up a business venture and organizational business plan and its elements	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
60					60	CO3	To describe and understand the sources of capital, growth, valuation and exit policy for a business venture	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
61	SEM V	020621501 - PP	T2158	Fundamentals of Quality Management	60	CO1	To Familiarize the students to the history, philosophy and role of quality in revitalizing the Organisation	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M
61					60	CO2	To enable them to gain Requisite Diagnostic Skills and experiment with the use of quality tools	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L
61					60	CO3	To explain the importance of inspection, quality certifications and awards in ensuring quality	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M
61					60	CO4	To help students identify contemporary practices in quality management. Eg. Lean, six sigma, TPS...	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
61					60	CO5	To enable students to apply quality tools and techniques to practical situations around them	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M
62	SEM V	020621502 - PP	T2208	Research Methodology	60	CO1	Understand concepts of Research, its fundamentals, types and how to -at basic level	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
68	SEM V	020621508 - PP	T1303	International Business Laws	60	CO1	To understand the legal framework of engaging in business at International Level	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
68					60	CO2	To make student capable to know the legal terminology	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
68					60	CO3	Have knowledge regarding various process of law to do the business in smooth manner	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
68					60	CO4	To enable the students with different methods of dispute resolution in International Law	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M
68					60	CO5	To know about different International Agencies involved in International Business	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L
69	SEM V	020621509 - PP	T2093	Special Topics in Accounts	60	CO1	To understand concept of various special topics in Accounting like Hire purchase, Lease, Consignment, Joint ventures and Accounting for Non-Profit Organizations	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
69					60	CO2	To compute / prepare the final results of various topics based on accounting principles associated with special topics in Accounting.	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
69					60	CO3	To be able to prepare and understand the financial statements of special topics in Accounts	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
69					60	CO4	To be able to analyze and interpret the financial statements of special topics in Accounts	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
70	SEM V	020621510 - PP	T2105	Mergers and Acquisitions	60	CO1	To understand the reasons and motivations of mergers & acquisitions	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
70					60	CO2	To understand the process and regulations related to M & A	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M
70					60	CO3	To analyse various cases of mergers and acquisitions	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M

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71	SEM V	020621511 - PP	T2834	Spatial Monitoring Techniques in Natural Resources Management	60	CO1	Students will understand the basic concept of Natural Resources Management (NRM)	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
71					60	CO2	Students will understand and will be aware regarding importance of Natural Resources Management (NRM)	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
71					60	CO3	Students will understand Geographic Information System(GIS) and Its application in NRM	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
71					60	CO4	Students will understand Remote Sensing(RS) and its applications in NRM	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
71					60	CO5	Students will understand and aware about Spatial Monitoring Techniques in NRM	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
72	SEM V	020621512 - PP	T2487	Introduction to Environmental Pollution	60	CO1	To understand the significance & classification of various environmental pollution	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
72					60	CO2	To create awareness about changing nature of environmental pollution & its complications	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
72					60	CO3	To identify and categorize the effects of environmental Pollution based on biotic & abiotic factors	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
72					60	CO4	To discuss the chain reactions of environmental pollution and its impacts	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
73	SEM V	020621513 - PP	T2979	Group Entrepreneurship and Self-Help Groups	60	CO1	To describe qualities attributes of group entrepreneurs and describe the functions and evolution of SHGs	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H
73					60	CO2	To describe SHGs functions and undertake a live project with SHGs in Pune	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H
73					60	CO3	To describe the concepts of APL BPL Relative and Absolute poverty and poverty threshold	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H

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79					60	CO5	To understand EIA as Environment Management System(EMS) tool ; EIA and Sustainable Development(SD)	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
80	SEM V	020621520 - PP	T2349	Funding for Entrepreneurs	60	CO1	To understand and explain the process of obtaining capital investment.	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
80					60	CO2	To demonstrate an understanding of the usage of venture capital investment.	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
80					60	CO3	To illustrate and interpret the structure of venture capital firms	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
81	SEM VI	020621601 - PP	T3218	Basics of Management Information Systems	60	CO1	To understand basics of computers, Information System and allied technology	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
81					60	CO2	To know details about working of Information system	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
81					60	CO3	To study some tools and techniques of decision making in organization	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
81					60	CO4	To study and gather knowledge of cyber crime its avoidance and cyber laws in day to day life	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
82	SEM VI	020621602 - PP	T2780	Introduction to Contemporary Business Practices	60	CO1	To describe and understand the important key aspects related to evolution of business organizations and key growth sectors.	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
82					60	CO2	To describe and obtain an understanding of organizational learning and its significance.	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M
82					60	CO3	To understand and analyze the principles of innovation at the BOP and laws of fifth discipline pertaining to a learning organization.	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
82					60	CO4	To understand the concept of bottom of the pyramid, learning organizations, credit, impact of IT and media on Public relations of a business venture.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L

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83	SEM VI	020621603-PP	T2275	Compensation Management	60	CO1	To be familiar with the history and philosophy of Compensation Management in organizations	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	
83					60	CO2	To gain requisite diagnostic skills and understand the use of compensation management tools	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	
83					60	CO3	To understand the applications of compensation tools	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	
83					60	CO4	To identify compensation policies of organizations	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	
84	SEM VI	020621604-PP	T2277	HRD Instruments	60	CO1	To describe role of HRD	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	
84					60	CO2	To apply HRD concepts to organizations	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	
84					60	CO3	To describe and administer psychometric instrument	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L	
84					60	CO4	To understand the concepts of transactional analysis and apply organizational culture instruments	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L	
85	SEM VI	020621605-PP	T2472	Promotions and Marketing Communication	60	CO1	Understand how marketing communication works in organisations	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	
85					60	CO2	To give an insight on the creative side and planning involved in marketing communication	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
85					60	CO3	Application of different promotional tools	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
86	SEM VI	020621606-PP	T2464	Fundamentals of Market research	60	CO1	To develop fundamental understanding of marketing research process	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
86					60	CO2	To identify application areas of marketing research and data collection methods	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
86					60	CO3	To create awareness about analytical tools	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
86					60	CO4	To communicate the market research findings through Research report	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L

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87	SEM VI	020621607-PP	T2461	Basics of International Marketing	60	CO1	To introduce the student an overview of concepts and practices in Internatiional Marketing	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	
87					60	CO2	To familiarize students about influence of political, economic, geographic and cultural influences in international marketing	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
87					60	CO3	To introduce basics of process in assessing Global Market Opportunities	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	
87					60	CO4	To introduce concepts of Global Marketing Strategies	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	
87					60	CO5	To create appreciation of the requirement in having a global marketing perspective, challenges and issues	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
88	SEM VI	020621608-PP	T6159	Public Finance : Theory and Practice	60	CO1	To understand and acquaint students with the economic aspects of the operation of the public sector in a modern mixed economy.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
88					60	CO2	To understand and enable students to study the interaction between the public and private sectors in the context of a mixed economy.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
88					60	CO3	To interpret the budgetary policies in general and Indian experience in particular.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
88					60	CO4	To describe and understand the fiscal institutions with a careful analysis of the issues.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
88					60	CO5	To understand the allocation ,distributionand stabalization of different types of goods.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
89	SEM VI	020621609-PP	T2107	Working Capital Management	60	CO1	To understand the basic concept & various aspects of Working Capital	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	
89					60	CO2	To understand the various methods used in estimation of working capital requirement	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	

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89					60	CO3	To be able to analyse the need for working capital	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
89					60	CO4	To understand the policies related to current assets management	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
90	SEM VI	020621610 - PP	T2099	Direct Taxation	60	CO1	Students will understand basic concepts in direct taxes;	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
90					60	CO2	Students will learn to apply these concepts in computing tax liability	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
90					60	CO3	Students shall know how to apply tax concepts in tax planning.	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
90					60	CO4	Students shall be able to compute Residential status	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
90					60	CO5	Students shall be able to compute tax liability of Individuals under five heads of Taxation	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
91	SEM VI	020621611 - PP	T2490	Wild Life Conservation and Management (EM)	60	CO1	To describe and understand the need of Wildlife Conservation and Management	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
91					60	CO2	Students will understand ecological and commertial significance of Wildlife Conservation and Management	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
91					60	CO3	Students will learn and understand various impacts on Wildlife due to human development	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
92	SEM VI	020621612 - PP	T2485	Introduction to Coastal Zone Management (EM)	60	CO1	Students will understand need for Coastal Zone Management	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
92					60	CO2	Students know about local stakes and issues of development	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
92					60	CO3	Students become aware about ecosystem services and sustainable local development	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
93	SEM VI	020621613 - PP	T2350	Risk Management in Entrepreneurship (Entrep)	60	CO1	To describe and understand the concept of risk management, methods and principles	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H

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96					60	CO3	To distinguish and characterize the factors and management tools that retailers consider and use when developing their merchandise mix.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	
96					60	CO4	To demonstrate retail selling skills and understand the technology in retailing and understanding ethical issues	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	
97	SEM VI	020621617-PP	T2383	International Relations and Strategy	60	CO1	Apply theories and approaches to understand world politics	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	
97					60	CO2	Demonstrate impact of politics on international relations	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
97					60	CO3	Prepare students the ability analyze impact of world politics on global business	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
98	SEM VI	020621618-PP	T2091	Financial Reporting and Standards	60	CO1	To develop the basic understanding about the conceptual framework for financial reporting and standards.	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	
98					60	CO2	To give an insight about the development and application of accounting standards covering aspects of transparency and comparability.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	
98					60	CO3	To learn about the impact of accounting policy choices in preparing financial statements and to explain about the financial reporting framework in practice.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	
98					60	CO4	To understand how Financial Statements are prepared in accordance with GAAP including the aspects of Recognition ,Measurement, Disclosure and Presentation.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	
98					60	CO5	To employ critical thinking skills to analyse financial data as well as the effects of differing accounting methods on the financial statements.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	

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99	SEM VI	020621619 - PP	T2483	Environmental Risk Management (EM)	60	CO1	To describe and understand the need of Environmental Risk Management	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
99					60	CO2	Students will understand various risk prone sectors and risks associated	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
99					60	CO3	Students will learn and understand various approaches and techniques of Environmental Risk Management	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
100	SEM VI	020621620 - PP	T2980	Building Lean Startup (Etrep)	60	CO1	To develop and validate ideas by gathering massive amounts of customer and marketplace feedback	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
100					60	CO2	To learn how to get out of the building and search for the real pain points and unmet needs of customers	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
100					60	CO3	To acquire business skills it takes to bring your idea from conception to market.	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Understand the impact of an organization on its stakeholders using various theoretical and practitioner lenses
2	GA2	Global citizenship: ethical, social and professional understanding	PO2	Develop a strong sense of ethics through immersive learning techniques, applicable to self, the corporate environment and society
3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	Develop analytical capabilities through interactive and participative learning methods
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	Utilize technology and its multi-faceted dimensions in solving real world problems
5	GA2	Global citizenship: ethical, social and professional understanding	PO5	Apply relevant tools and techniques, assess mechanisms through which organizations sell their products and services in the competitive marketplace
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	Apply theoretical and practical aspects of how organizations measure their financial performance, understand the various cost elements of products and services in their quest for competitive advantage
7	GA2	Global citizenship: ethical, social and professional understanding	PO7	Understand the key role of the people element in organizations and how it could help achieve a competitive edge
8	GA3	Eco-literate: sensitivity towards a sustainable environment	PO8	Develop an understanding of the transactional and transformational processes that ultimately enable delivery of products and services to customers

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1	SEM I	020841101-PP	T6076	Microeconomics	60	CO1	To develop an understanding of the evolution of economics a discipline and gain insights about various approaches towards understanding consumer behavior	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H
1					60	CO2	To enable students to understand and apply the concepts related to demand, determinants of demand, elasticity of demand and demand forecasting in business decision making	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1					60	CO3	To identify the applications of theory of supply and elasticity of supply in real business situations. Students would also be exploring the production and cost functions used by companies while doing business.	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H
1					60	CO4	To distinguish between various market structures in terms of their features and price output determination processes along with evaluation of competition and pricing strategies adopted by firms in different market structures.	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H
1					60	CO5	To critically evaluate the theories of asymmetric information, regulation and economics of sustainability along with their applications in real life.	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H
1					60	CO6		-	-	-	-	-	-	-	-
2	SEM I	020841102 - PP	T2116	Marketing Management	55	CO1	To gain insights on the fundamental concepts of marketing to critically evaluate a marketing problem	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
2					55	CO2	To enable students to apply marketing perspectives to carry out effective marketing initiatives	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
2					55	CO3	To develop an ability to apply value based marketing in an organization setup	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
2					55	CO4	To analyze marketing strategies of various companies to improve business growth efforts and results	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M

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2					55	CO5	To be able to design and implement innovative and creative marketing strategies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
3	SEM I	020841103 - PP	T2279	Organizational Behaviour	50	CO1	To gain insights into concepts of organizational behaviour. To know the principles, practices of OB and to develop insights into linkages between individual, group and structural behaviour and best practices	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
3					50	CO2	To develop ability to apply concepts in values, emotional intelligence, perception and motivation to the workplace situations	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
3					50	CO3	To gain skills in the areas of conflict handling and negotiations in organizations	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
3					50	CO4	To interpret and apply the concepts of leadership skills and discriminate the same from those used in Power and Politics in organizations	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
3					50	CO5	To develop an ability to describe, apply and evaluate organization culture and spirituality	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
4	SEM I	020841104 - PP	T2217	Business Statistics	55	CO1	To enable students to present, analyze and interpret data visually and numerically	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M
4					55	CO2	To enable students to make inferences from samples drawn from datasets.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M
4					55	CO3	To enable students to apply univariate and multivariate statistical techniques.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M

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4					55	CO4	To enable students to apply forecasting techniques	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M
4					55	CO5	To apply all techniques to business problems.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M
5	SEM I	020841105-PP	T2186	Operations Management	55	CO1	To help students gain insights into forms of production and operations management - principles and practices and develop insights into linkages between operations strategy and competitive business strategy.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
5					55	CO2	To enable students to develop ability to apply concepts in process and product design, customer and manufacturing considerations in design, to practical situations	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
5					60	CO3	To help students gain skills in the areas of value analysis, concurrent engineering, assembly line balancing and facility location decisions	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
5					60	CO4	To enable students to interpret the human resource planning and behavioral issues in job design, understand purchasing and supply chain practices in the context of operations; demonstrate an ability to interpret inventory management situations and problems	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H

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5					60	CO5	To help students develop an ability to describe, apply and evaluate quality systems, total quality management, statistical quality control, Just in Time methods, lean production, newer forms of processes in agile operations and principles of service operations.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
6	SEM I	020841106 - PP	T1140	Legal Aspects of Business	55	CO1	To create awareness in students about legal Terms and maxims from the Law Dictionary, meaning of Law and Justice, an overview of the Constitution, and Constitutional Governance	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M
6					55	CO2	To equip students with adequate knowledge of the legal aspects of doing business in India.	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M
6					55	CO3	To create an understanding of important acts such as The Indian Contract Act, Sale of Goods Act, Consumer Protection Act, Negotiable Instruments Act, Competition Act etc	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M
6					55	CO4	To equip the students with an understanding of Corporate Laws in India as well as laws relating to IT and IPR.	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M
6					55	CO5	To create awareness and understanding of the legal implications of decisions in organizations.	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M
7	SEM I	020841107 - PP	T2239	Business Communication	70	CO1	To Understand the meaning and importance of communication in current globalized scenario.	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L

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7					70	CO2	To Communicate effectively in a professional environment	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
7					70	CO3	To Overcome communication barriers by using tools and methods of effective communication	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L
7					70	CO4	To Effectively use latest communication technologies.	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
8	SEM I	020841108 - PP	T3151	Technology in Business	55	CO1	To Analyze the use of information technology as a capability for an organization	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L
8					55	CO2	To equip students to use MS excel in business and analyze data for decision making	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
8					50	CO3	To provide in depth knowledge of IT Infrastructure Essentials and a detailed study of present networking technologies.	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M
8					50	CO4	To enable the students to be conversant with the current infrastructure problems, analyze those problems and come up with proper solutions for the same	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M
9	SEM I	020841109 - PP	T2003	Financial Accounting	50	CO1	To understand the basic concepts, Assumptions & Conventions as per the Generally Accepted Accounting Principles	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
9					50	CO2	To understand the complete Accounting Process from the point of recording till reporting.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
9					50	CO3	To understand the manner of preparation of Financial Statements as per Governing Regulations.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M

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9					50	CO4	To be able to differentiate between Capital & Revenue Expenditure & its impact on the profits of the Company	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
9					50	CO5	To understand the manner of preparation of Cash Flow Statement.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
9					50	CO6	To understand the organisation, and structure of Financial system in India	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
10	SEM I	020841110 - PP	T2778	Basics of Financial Management	60	CO1	To understand the importance of stock market and how to deal in shares.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
10					60	CO2	To develop an analytical/practical approach to corporate financial decision making	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
10					60	CO3	To understand the principles of time value of money and its application in investment decision.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
10					60	CO4	To analyse and apply the capital budgeting concepts in real life situations.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
10					60	CO5	To enable the students to explain and analyze current issues in globalization and global business.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
10					0	CO6		-	-	-	-	-	-	-	-
11	SEM I	020841111 - PP	T2387	Global Business Environment	70	CO1	To identify, differentiate and evaluate the various channels of globalization-Trade, FDI, financial flows, as well as other contemporary channels of globalization.	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L
11					70	CO2	To construct, synthesize and present a country risk analysis on the countries allotted to them.	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H

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17	SEM II	020841204-PP	T6073	Macroeconomics	60	CO1	To be able to critically analyze the evolution of the international monetary system. Also to comprehend various national income concepts along with measurement and accounting practices in national income estimation.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M
17					60	CO2	To understand the calculation and interpretation of various inflation indices along with a comparative evaluation. Students should be able to analyze the causes and impacts of inflation in the Indian context	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M
17					60	CO3	To understand, analyze and discuss all the concepts, variables as well as the instruments used in the conduct of monetary policy, role of central banks and its implications for the society and business.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H
17					60	CO4	To interpret, analyze and evaluate all facets of fiscal policy, understand all significant aspects of the governments budget and the financial statements illustrating it, evaluating its socio-economic and business impact.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H

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19	SEM II	020841206 - PP	T2615	Marketing Strategy	50	CO1	To gain insights about marketing strategy- marketing environment, BCG and Ansoff matrix and develop insights into linkages between marketing theories and applications.	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L
19					50	CO2	To develop the skills to apply concepts in blue ocean strategy, marketing research and demand forecasting techniques.	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L
19					50	CO3	To gain skills in the areas of marketing plan, packaging and labeling.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
19					50	CO4	To be able to interpret the concepts into applications by using them for initiating pricing, promotion and distribution strategies.	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
19					50	CO5	To develop an ability to describe, apply and evaluate consumer behavior, calculate CLTV and understanding about managing services marketing.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
20	SEM II	020841207 - PP	T2236	Corporate Governance and Ethics	60	CO1	To evaluate governance practices followed in a corporate entity and identify improvement areas against expected compliance standards	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
20					60	CO2	To demonstrate an understanding of the roles of shareholders, management and board of directors in corporate governance	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L

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20					60	CO3	To critically analyse the role of stake holders other than shareholders (employees, auditors, regulators, lenders, rating agencies) in ensuring good governance of a business entity	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
20					60	CO4	To apply an understanding of ethical theories while taking decisions involving ethical dilemmas	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
20					60	CO5	To identify ethical issues that are likely to be faced by business decision makers (marketers, human resource practitioners, finance managers et al)	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
20					0	CO6		-	-	-	-	-	-	-	-
21	SEM II	020841208 - PP	T2220	Operations Research	75	CO1	To gain familiarity in transforming real life business challenges into formulation of Mathematical or statistical problems.	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
21					65	CO2	To gain an understanding of Linear Programming formulation, which encapsulates a significant no of Business challenges.	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
21					75	CO3	To gain an understanding of solving LP problems using both Graphs and simplex tables and gain an understanding of the sensitivity analysis thereof	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
21					75	CO4	To learn about other Linear models - viz. Transportation assignment - of problem formulation and solution	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H

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21					75	CO5	To learn about some special formulations like games theory and Network models and the ways to solve them	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
22	SEM II	020841209 - PP	T2034	Financial Management	70	CO1	To Demonstrate an understanding of the overall role and importance of the capital budgeting function	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
22					75	CO2	To be able to develop an analytical approach to Corporate finance decision making	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
22					75	CO3	To understand the Capital structure theories and measurement of cost of capital	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
22					75	CO4	To understand the dimensions of market risk and return	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
22					70	CO5	To apply the concepts of risk and return in portfolio formation.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
23	SEM II	020841210 - PP	T2006	Cost Accounting	55	CO1	To understand the meaning of Cost, its components & their significance	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
23					55	CO2	To Identify the costing systems used in service, merchandising and manufacturing industries	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
23					55	CO3	To use decision making tools such as Marginal Costing, Break Even Analysis that aid in Pricing, Make or Buy Decisions or choosing the most profitable product lines	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
23					55	CO4	To plan, classify, allocate & analyse costs to facilitate cost reduction & control	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M

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23					55	CO5	To understand the manner of allocating direct costs & overheads to products/segments to determine their profitability	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
23					60	CO6	To understand the importance of proper Cost Management Systems right from Business Planning to Reporting of results	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
24	SEM II	020841211-PP	T2353	Entrepreneurship	50	CO1	To enable the students to develop an entrepreneurial mindset	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
24					50	CO2	To help the students to evaluate the entrepreneurial opportunities at with pre-venture stage	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
24					50	CO3	To enable the students to deal with practical aspects of a company by crafting innovative business models	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
24					50	CO4	To identify appropriate sources of funds at different stages of the life cycle of a new venture	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
24					50	CO5	To prepare a business plan for successful fund raising	-	-	-	-	-	-	-	-
25	SEM III	020841301-PP	T2119	Consumer Behaviour and Insights	60	CO1	To identify and explain personal, psychological, social and cultural factors that influence consumer behaviour and purchase decisions	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
25					60	CO2	To compare and evaluate various consumer behaviour models	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H
25					60	CO3	To analyse the relevance of consumer behaviour insights and concepts in development of marketing strategies	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L

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25					60	CO4	To develop plans and methods to examine consumer behaviour and generate insights that can be useful for marketing decisions	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M
25					60	CO5	To apply consumer behaviour insights and develop marketing strategies	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
26	SEM III	020841302-PP	T2131	Brand Management and Communications	60	CO1	To be able to apply the fundamental concepts of product and brand development and management	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M
26					60	CO2	To develop an understanding of the product manager's role in product pricing, sales, and promotion	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
26					60	CO3	To apply the brand positioning framework to develop a brand, keep it relevant, expand a brand internationally, and reposition a brand	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
26					60	CO4	To examine tools and metrics to analyze competitors and develop positioning strategies	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
26					60	CO5	To recognize the importance of using teams and organization to create and manage products within an organization.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
26					60	CO6	To be able to apply the analytical skills in creating and suggesting marketing communication for different branding strategies	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
27	SEM III	020841303-PP	T2746	Business Analytics for Marketing	70	CO1	To understand research terminologies and methods to analyze the data	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
27					65	CO2	To use and transform the data to take decisions.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M

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27					65	CO3	To extract useful information and to facilitate conclusions.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
27					65	CO4	To discover and find useful models from large data.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M
27					65	CO5	To use analytics and discovering scalable computational methods.	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M
28	SEM III	020841304 - PP	T2146	Retail Management	50	CO1	To develop insights about retail management-theories and practices, multi -channel retailing and develop insights related to Indian retailers and global retailers.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
28					50	CO2	To apply the concepts of retail operations and store management and to imply in practical situations.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
28					50	CO3	To analyze the skills in the areas of various retail formats, retail locations and site selection strategies.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
28					50	CO4	To interpret the concepts into applications by using them for store layout and design, merchandise management, and in developing financial strategies for retailers.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
28					50	CO5	To develop an ability to describe, apply and evaluate retailers' life cycle, operational and pricing strategies for retailers, CRM, customer service strategies, human resource strategies, visual merchandise and communication strategies for retailers.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H

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29	SEM III	020841305-PP	T2135	Sales and Distribution Management	55	CO1	To familiarize the students with the concepts of sales & distribution management and the trends that is shaping its future.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
29					55	CO2	To help the students analyze and explore the various areas in Sales like Market Demand and Forecasting, Sales Budgets, Sales Territories, Sales Training, Sales Control & Analysis etch	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
29					55	CO3	To assist the students in understanding the importance of Distribution channels and their management.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
29					55	CO4	To emphasise the importance of controlling market outstanding by analyzing accounts receivables	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
29					55	CO5	To familiarize them with Sale of Goods Act, and the various forms of sales tax like VAT & GST, discounts etc.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
30	SEM III	020841306-PP	T2744	Services Marketing	60	CO1	To be able to understand the criticality of services business and why the sector is increasing its share in the GDP of countries around the world, including India	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
30					60	CO2	To gain insights, through real-world experience-sharing, into the nuances of the services industry and how different it is from the product industry	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
30					55	CO3	To appreciate and inculcate an analytical mindset, which will help them navigate the vagaries of the world of services, where standard formulaic approaches don't work at all	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
30					55	CO4	To apply services marketing concepts to various business scenarios.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H
30					60	CO5	To be in a position to compare the various tools & techniques used in marketing services	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M
31	SEM III	020841307 - PP	T2046	Corporate Valuation	75	CO1	To understand the various approaches to valuation	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
31					75	CO2	To apply the principles of DCF in Firm valuation	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
31					75	CO3	To Assess the role of financial modelling in valuation of companies	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
31					75	CO4	To construct a framework of valuation using all approaches to arrive at Fair market value of business	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
31					75	CO5	To value synergy involved in M&A transaction.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
32	SEM III	020841308 - PP	T2005	Financial Statement Analysis	60	CO1	To Identify and assess the qualitative characteristics in the financial statements	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
32					60	CO2	To evaluate firm profitability and compare the profitability of firms using the rate of return on assets and its components.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
32					60	CO3	To evaluate a firm's short-term liquidity risk and long-term solvency risk.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M

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32					60	CO4	To apply the concept of quality of accounting information	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
32					60	CO5	To develop financial statement forecasts including balance sheets, income statements, and statement of cash flows	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
33	SEM III	020841309-PP	T2012	Commercial Banking	50	CO1	To Provide students a deep understandingof the Conceptual, Strategic and Operational Issues in the management of Commercial Banks	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
33					50	CO2	To highlight the importance of Regulation and its Impact on Commercial Banks	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
33					50	CO3	To discuss the Effect of macroand micro economic factors in the viability of Commercial Banks	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
33					50	CO4	To focus on the Current Issues facing the Banking Industry	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
33					50	CO5	To help students understand the Ongoing initiatives in India towards strengthening and deepening Banking Services in India	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
34	SEM III	020841310-PP	T2048	Mergers and Acquisitions	75	CO1	To learn about the fundamentals of Mergers and acquisitions as a component of corporate strategy of consolidation/ synergy.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
34					75	CO2	To gain familiarity with concepts of valuation of the acquirer, the target and of the consolidated entity post merger	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
34					60	CO3	To develop the skill to arrive at the Merger ratio that is a win-win and validate the same thru an analysis of real life corporate mergers.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
34					75	CO4	To be able to create deals using the inputs from Valuation and merger ratio and structure them using various financial strategies	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
34					75	CO5	To familiarize themselves with the social, Legal, regulatory and institutional environment governing mergers both in India and the developed world	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
35	SEM III	020841311 - PP	T2014	Derivative Markets	50	CO1	To Compare and Contrast different derivative instruments	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
35					50	CO2	To Analyzestrategies for profit and risk management through derivatives	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
35					50	CO3	To make a quantitative Evaluation of different pricing models	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
35					50	CO4	To developing Techniques for managing real life situations	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
35					50	CO5	To highlight Current Issues facing the Global Derivatives Industry	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
36	SEM III	020841312 - PP	T2752	Security Analysis and Portfolio Management	75	CO1	To understand the concepts of return, risk and liquidity	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
36					75	CO2	To understand theories on Markets, Risks and returns with particular reference to efficient markets theory	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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36					75	CO3	To be familiarized with the most popular theories of Portfolio management like Markowitzs theory, CAPM and APT	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
36					75	CO4	To get exposure on online trading in Indian bourses and technical analysis	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
36					75	CO5	To get exposure on major parts of fundamental analysis like economic analysis, Industry analysis and company analysis	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
37	SEM III	020841313 - PP	T2758	Talent Acquisition and Retention	75	CO1	To provide valuable insights into various types and steps in acquisition of talents which will be more accurate and cost effective.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
37					75	CO2	To develop the ability of students to apply concepts of human resource planning,recruitment, interview, selection,Induction etc.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
37					75	CO3	To understand, comprehend and apply the new high-tech hiring concepts that are required in industries in present context.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
37					75	CO4	To develop the ability to create a culture for employee retention and to become proactive to address attrition by applying new engagement tips.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H
37					75	CO5	To develop an ability to describe and apply smooth functioning of HR through talent management.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H

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38	SEM III	020841314 - PP	T2269	Organizational Development and Change	70	CO1	To gain in-depth understanding of the discipline of Organization Development & Change and its role in building Organizational effectiveness	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
38					70	CO2	To become fully conversant with the concepts and theories underlying ' Development and Change'	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
38					75	CO3	To be able to identify and analyze different Interventions necessary for achieving the organizational goals	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
38					75	CO4	To evaluate the Interventions in meeting the organization goals	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	Strong-H	Strong-H
38					75	CO5	To understand the OD Practitioners' Role & Responsibilities and code of ethics	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
39	SEM III	020841315 - PP	T2750	Compensation and Reward Management	60	CO1	To gain insights how compensation is viewed by the different stakeholders - society, shareholders, managers and employees	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
39					60	CO2	To articulate compensation objectives including the role of ethics, different policy choices and work out compensation strategies.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
39					60	CO3	To do job analysis for compensation and work on Analysis models	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
39					60	CO4	To design compensation structures as well as understand different methods of rewarding performance and competencies including Variable Pay Plans, Gain Sharing Plans etc.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H

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42	SEM III	020841318 - PP	T2751	Competency Based Management & Performance Management Systems	60	CO1	To comprehend the concepts and key constituents of PMS	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
42					60	CO2	To analyze strategic performance management process	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
42					60	CO3	To evaluate the process of feedback and importance of feedback	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
42					60	CO4	To comprehend concepts relating to competency based management & competency mapping	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
42					60	CO5	To analyze competency based practices	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
43	SEM III	020841319 - PP	T2191	World Class Manufacturing	60	CO1	To gain an insight into the elements of the Toyota Production System framework and through its comprehension, appreciate its impact in the area of manufacturing and replicate applicable elements to business processes	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
43					60	CO2	To develop the ability to apply the concepts of Lean Manufacturing, Theory of constraints, Total Productive Maintenance practically on the shopfloor through the knowledge of various tools and techniques gained in the class	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H

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43					60	CO3	To gain skills in the application of tools, particularly Value Stream Mapping, Line balancing, SWCT (Standardized work combination tool), A3 problem solving, Skill Matrix, Balanced Scorecard, Line Balancing, Supply Chain, Production levelling, OEE ,5S , Visual Management amongst others. Consideration of human aspects for Continous Improvement would be developed	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
43					60	CO4	To gain an understanding of types of production flows (VATI flows) that manifest in a production environment, evaluate them and apply concept of Theory of Constraints to identify the constraint, and take countermeasures to eliminate the constraint, using the Five Focusing Steps. The DBR model and S-DBR model of planing	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
43					60	CO5	To learn the concept of Dynamic Buffer Management from deplymnt perspective in Supply chain and concept of Critical Chain as used in Project Management	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
44	SEM III	020841320 - PP	T2796	Total Quality Management	55	CO1	To help students gain insights into a few fundamental frameworks, historical evolution of the discipline, principles and practices and thereby develop key insights	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H

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44					50	CO2	To help students understand various tools in quality management, understand the importance of quality standards and their applications	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
44					40	CO3	To facilitate development of skills in the areas of quality performance as a measurable characteristic. They would also learn about statistical process control through the use of control charts	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
44					55	CO4	To help them develop an awareness of six sigma in its multi-faceted forms - metric, methodology and as a management system	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
44					55	CO5	To help students apply six sigma tools and techniques to projects and to specific problems encountered in organizations	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
45	SEM III	020841321 - PP	T2167	Supply Chain Management	75	CO1	To help students gain insights into a few fundamental frameworks, principles and practices and develop insights into achieving strategic fit and scope	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
45					75	CO2	To help them understand supply chain drivers and metrics, develop ideas about how distribution networks are designed	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
45					75	CO3	To help students gain skills in the areas of network design in the supply chain, identify quantitative approaches in decision making and its application to forecasting techniques, which in turn are a fundamental responsibility of the supply chain	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H

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45					75	CO4	To help students understand principles of inventory management, purchase discounts and their applicable situations, warehousing and transportation fundamentals	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
45					75	CO5	To help them develop an ability to identify the role of technology in supply chain, assess linkages between pricing and revenue management in a supply chain as well as relationship and coordination aspects in the supply chain	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
46	SEM III	020841322 - PP	T2792	Purchasing and Material Management	60	CO1	To help students gain insights into a few fundamental frameworks, historical evolution of the discipline, principles and practices and thereby develop key insights	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
46					60	CO2	To foster learning so that they understand various concepts and practices in procurement, sourcing management, understand the importance of strategic cost management and its applications.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
46					60	CO3	To help students gain skills in the areas of production planning, master scheduling, materials requirements planning and capacity management	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
46					60	CO4	To facilitate learning so that they develop skills and enhance their knowledge in the areas of production activity control, inventory management, transportation management	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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46					60	CO5	To help students apply their integrated learning to understand industry practices along with a few prominent models in supply chain in addition to learning about specific functions such as warehousing; understand real life situations through simulation	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
47	SEM III	020841323 - PP	T2188	Advanced Service Operations Management	60	CO1	To gain knowledge of the various aspects of service operations and Understanding various quantitative models and their application	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	-
47					60	CO2	To help students gain in-depth understanding of the application of the various concepts	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	-
47					60	CO3	To help them develop skills in applying the concepts and quantitative techniques to the various case studies and make industry comparisons	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
47					60	CO4	To Use the techniques to analyse and be able to compare and contrast results to hone in the applicability in real business decision making	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
47					60	CO5	To help them create their own thought processes and designs, and develop the conviction to defend their judgments	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
47					60	CO6	To help design their own systems and processes for success in the real world	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
48	SEM III	020841324 - PP	T2618	Project Management	60	CO1	To Develop an overview of project management, evolution and classifications	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H

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48					60	CO2	To Understand the project feasibility, the role of planning and scheduling activities in an organization	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
48					60	CO3	To Learn about tools such as CPM, PERT, identify methods to assess risks, estimate project costs and understand project financing methods	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
48					60	CO4	To learn about project control and evaluation through industry examples and case studies	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
48					60	CO5	To help students develop knowledge about project evaluation, quality assurance, the project organization structure and also about audits	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
49	SEM III	020841325 - PP	T2806	Project	300	CO1	To understand the functioning of an organizations various departmental entities	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
49					300	CO2	To enable students learn about the competitive business landscape in which the organization operates	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
49					300	CO3	To relate a few critical concepts and understand the practitioner perspective	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
49					300	CO4	To enable the students appreciate some of the functional domains such as operations, finance, Human resource and marketing in the real world	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
49					300	CO5	To help students assist an organization on a given deliverable that is critical to the short to medium term performance of the firm	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L

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50	SEM III	020841326 - PP	T2055	Behavioral Finance	78	CO1	To help the students appreciate the limitations of 'rational' models of investment decision making	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
50					78	CO2	To introduce students to an alternate framework for understanding price discovery in the markets	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
50					78	CO3	To help students identify persistent or systematic behavioral factors that influence investment behavior.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
50					78	CO4	To help in identifying the biases in the market	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
50					78	CO5	To understand the concept of game theory and its utilisation in decision making	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
51	SEM III	020841327 - PP	T2150	Marketing of Financial Services	50	CO1	To help students in Understanding the unique challenges in the marketing of financial services	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
51					50	CO2	To expose students to the importance Strategic planning for marketing of financial services	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M
51					50	CO3	To develop Specialised marketing tactics in the design of advisory services	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
51					50	CO4	To discuss the Impact of technology-robo calls	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
51					50	CO5	To highlight opportunities in the Entrepreneurship in the marketing of financial services	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
52	SEM III	020841328 - PP	T2153	International Marketing	50	CO1	To enable Students to be able to apply basic international marketing theories and concepts to understand the environment.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
52					50	CO2	To enable Students to be able to apply the knowledge and skills to devise and implement appropriate marketing strategies in international markets.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
52					45	CO3	To enable Students to be able to appraise themselves with current marketing tools and practices for successful strategies to enter, conquer and sustain in the foreign markets.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
52					50	CO4	To enable Students to undertake strategic business analysis in order to develop appropriate international marketing objectives and strategies	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
52					50	CO5	To enable Students to develop skills in researching and analyzing trends in global markets and in modern marketing practice.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
53	SEM III	020841329 - PP	T2389	Business, Government and the Global Political Economy	100	CO1	To compare and contrast the interdependence between business and government in various countries across the world.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
53					100	CO2	To analyse the ways in which states regulate industry, and the influence of business on government policy.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
53					100	CO3	To understand, interpret and analyze the current issues affecting business and government relations	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
53					100	CO4	To understand and analyze the evolving relationship between the state and the market in US and Europe.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
53					100	CO5	To understand and analyze the evolving relationship between the state and the market in developing countries like India, Brazil, China etc.	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L
54	SEM III	020841330 - PP	T2132	Pricing	60	CO1	To enable students to explore real business cases that illustrate the role and best practices of pricing strategy in supporting business and customer strategies	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L
54					60	CO2	To enable Students in understanding the various techniques in discovering consumer segments and their relevant willingness to pay for product attributes—data crucial for effective bundling, versioning, or other price discrimination strategies	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L
54					60	CO3	To enable students to look at pricing strategies as a creative process for value creation	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L
54					60	CO4	To enable Students to apply various pricing techniques and methods in developing pricing models in real life situations including applications in dynamic pricing	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L
54					60	CO5	To enable Students develop, implement and manage different approaches to pricing for competitive advantage	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
55	SEM III	020841331 - PP	T2294	Conflict and Negotiation	65	CO1	To help students understand the concept of Conflict and evaluate both the positive and negative aspects of conflict.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H

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55					65	CO2	To help them develop ability to apply concepts of Interpersonal and Intrapersonal conflict, Inter group and Intra group conflict, negotiation and problem solving skills in organizational context.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
55					65	CO3	To apply, analyze and evaluate the practical skills required to resolve conflicts through negotiations within the organisation.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
55					65	CO4	Students would be able to focus on business negotiation skills and strategies to maintain healthy business relationships with the external agencies and other stakeholders. Specifically, ethical issues related to negotiation and appropriate conduct can be culminated among the students in multicultural business contexts.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
55					65	CO5	To develop an ability to describe and apply smooth functioning of HRM and IR through through proper negotiation and understanding.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H
56	SEM III	020841332 - PP	T2127	Integrated Marketing Communication	70	CO1	To Demonstrate a comprehensive understanding of Marketing Communications theories and concepts	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H
56					70	CO2	To able to demonstrate knowledge and understanding of the scope of marketing communications and tools available to marketers.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H

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56					70	CO3	ToAble to demonstrate knowledge and understanding of planning and managing the strengths and weaknesses of different marketing communications strategies and tools with ethical considerations.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
56					70	CO4	To Leverage media options for building brand value and communication strategies.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H
56					70	CO5	To Should be able to examine various scenarios and able to select proper budgeting methods for IMC purposes.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
56					70	CO6	To Should be able to comprehend the strategic and tactical aspects of IMC enabling comprehensive IMC decisions.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
57	SEM III	020841333 - PP	T3010	Essentials of Internet and Web Technologies	60	CO1	To impart knowledge of enterprise architecture and how it is connected with IT and business architecture, including different business models of cloud computing	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
57					60	CO2	To provide students a thorough understanding of the inception of internet technologies, its business application, and changing business strategy	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
57					60	CO3	To make them technically knowledgeable regarding the business need of shift in the Internet standard from IPv4 to IPv6, and map the same with the infrastructural change, customer requirement changes and its adoption in businesses	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M

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61					65	CO2	To demonstrate cognitive knowledge of the skills required in identifying, assessing and selecting digital market opportunities.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
61					65	CO3	To analyze critically and analytically assess emerging trends in digital marketing and critically assess the use of digital marketing tools by applying relevant marketing theories and frameworks.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
61					65	CO4	To help students comprehend the importance of working with digital relationship marketing.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
61					65	CO5	To assist students to analyse ethical and cross-cultural issues in globalised digital markets.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
62	SEM IV	020841403 - PP	T2745	Business to Business Marketing	60	CO1	To enable students understand the challenges and the dynamic environment of B2B marketing.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
62					60	CO2	To enable students to understand various problem solving methods and their application to B to B markets and develop strategies to solve b2b marketing problems.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
62					55	CO3	To enable students to design strategies to effectively serve the B2B market.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
62					60	CO4	To enable Students to use their knowledge of B to B marketing in solving real life cases and hone in decision making skills.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M

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62					60	CO5	To enable Students to develop a comprehensive B to B marketing plan alongwith the various decision models for their effective implementation.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
63	SEM IV	020841404 - PP	T2743	Rural Marketing	65	CO1	To know the level of rural market penetration of products and services.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
63					70	CO2	To familiarize with the ever changing profile of the rural consumer.	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
63					65	CO3	To understand the innovative rural marketing strategies developed by Indian companies as well as MNCs.	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
63					65	CO4	To gain insight on designing marketing mix specifically for rural markets.	Moderate-M	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
63					65	CO5	To familiarize with the impact of ICT and mobile.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
64	SEM IV	020841405 - PP	T2074	Advanced International Finance	55	CO1	To Identify appropriate financial theory and analytical techniques to value investing	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
64					55	CO2	To Develop techniques for corporate decision making under conditions of risk.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
64					55	CO3	To apply investment decision models to securitization, private equity funds and venture capital	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
64					55	CO4	To Conduct financial decision-making in areas of leveraged buyouts, mangement buyouts	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
64					55	CO5	To understand innovative practices in financial decision making	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H

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65	SEM IV	020841406 - PP	T2020	Fixed Income Markets	40	CO1	To expose students to the different Types of securities and their valuation	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
65					40	CO2	To highlight the Importance of interest rates and its impact on the macro economy	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M
65					40	CO3	To highlight the Role of central banks and monetary pollycy	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
65					40	CO4	To develop tools for Managing investment portfolios to market conditions	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
65					40	CO5	To develop abilities for Bond indexing and using derivatives	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
66	SEM IV	020841407 - PP	T2057	Financial Econometrics	85	CO1	To be familiarized with applying statistical tools to find solutions for economic problems	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
66					85	CO2	To be able demonstrate an understanding of regression models in forecasting	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
66					85	CO3	To be able to model Risk/volatility and returns from of financial instruments.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
66					85	CO4	To Demonstrate an understanding of dynamic (and static) structural econometric models	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
66					85	CO5	To conduct independent data analysis and interpret the results using econometrics.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
67	SEM IV	020841408 - PP	T2058	Advanced Topics in Corporate Finance	65	CO1	To Identify appropriate financial theory and analytical techniques to value investing	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
67					65	CO2	To Develop techniques for corporate decision making under conditions of risk.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M

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67					65	CO3	To apply investment decision models to securitization, private equity funds and venture capital	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
67					65	CO4	To Conduct financial decision-making in areas of leveraged buyouts, mangement buyouts	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
67					65	CO5	To understand innovative practices in financial decision making	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
68	SEM IV	020841409 - PP	T2757	Strategic Human Resource Management	70	CO1	To understand the concept and analyze the different models of Strategic Human Resource Management	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
68					70	CO2	To develop and evaluate HR strategies in keeping with emerging business environment and organization needs	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
68					70	CO3	To understand and be able to apply the concept of '3 dimensions of people strategy'	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Strong-H
68					70	CO4	To understand and apply the concept of HR Value Proposition in developing the HR Proficiencies within a firm	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
68					65	CO5	To develop the ability to apply the Strategic Human Resource Management concepts to the solution of business problems	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
69	SEM IV	020841410 - PP	T2753	International Human Resource Management	70	CO1	To gain insights into forms of International Human Resource Management- principles and practices and develop insights into linkages between individual, group and structural behaviour and best practices	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H

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69					70	CO2	To develop ability to apply concepts in different HR Life Cycle activities while understanding the differences with Domestic HRM	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
69					65	CO3	To understand and comprehend the challenges faced in designing International Compensation and Taxation models	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
69					70	CO4	To understand, design and implement Cross Cultural Training Programs	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
69					70	CO5	To comprehend the HR challenges of Cross Border Mergers & Acquisitions	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
70	SEM IV	020841411 - PP	T2755	Leadership and Capacity Building	60	CO1	To gain insights into various leadership theories, new age leadership demands, and assimilate leadership qualities that will help them start their professional careers on a powerful note	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
70					60	CO2	To develop understanding of various leadership traits, skills, styles including situational approach, contingency management, path-goal theory, LMX theory, transactional and transformational leadership, psychodynamic approach, gender diversity in leadership, ethics in leadership and cross cultural competence	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H

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70					60	CO3	To develop strategic and critical thinking capabilities for formulating leadership vision required to lead organisations.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
70					60	CO4	To learn to overcome patterned thinking of brain and develop expertise to lead in the high paced environment which is constantly churning.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
70					60	CO5	To build ethical leadership structures within them which will help them navigate efficiently in the intricate market place	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
71	SEM IV	020841412 - PP	T2756	Learning and Development	65	CO1	To describe the strategic importance of training and development	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
71					65	CO2	To analyse the role training and development as a part of talent management and organizational development process	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
71					65	CO3	To explain and apply the principles of instructional system design (ADDIE Model) in designing and developing a training program	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
71					65	CO4	To apply different training methodology and critically analyze various evaluation models.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H
71					65	CO5	To apply Coaching & Mentoring Techniques at work	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H
72	SEM IV	020841413 - PP	T2223	Advanced Operations Research	70	CO1	To facilitate students to gain an understanding of game theory, Advanced Linear programming techniques, and solve problems therein.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H

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72					70	CO2	To help students gain expertise in solving problems related to integer programming, goal programming and also expose them to the fundamentals of Non linear programming	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
72					70	CO3	To enable students to understand the intricacies of equipment replacement models	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
72					70	CO4	To help students gain an understanding of network diagrams and some special cases thereof through problem-solving	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
73	SEM IV	020841414 - PP	T2795	Supply Chain Analytics	65	CO1	To enable Students learn various concepts related to predictive analytics and develop an understanding of techniques in forecasting	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
73					65	CO2	To enable students to develop key skills in problem solving; areas of AHP, fuzzy theory, DEA, logistics models	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
73					65	CO3	To enable Students in developing resilient supply chains, risks associated with SC and risk mitigation strategies	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
73					65	CO4	To enable Students learn about balanced score card applications, SCOR performance framework	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
73					65	CO5	To enable students learn about the effect of external factors on supply chain performance, activity based costing and its advantages	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H

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76					60	CO3	To give students techniques to generate ideas, to meet the requirements of both product and service industries.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
76					60	CO4	To bring out the differences between creativity, invention and innovation	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
76					60	CO5	To encourage students to innovate using techniques like subtraction, multiplication etc.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
77	SEM IV	020841418 - PP	T2449	Concepts and Applications in Sustainability	65	CO1	To apply the concept of sustainability in a business.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
77					65	CO2	To compare sustainability practices amongst various industry sectors	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M
77					65	CO3	To choose best practices in corporate sustainability processes.	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M
78	SEM IV	020841419 - PP	T6011	Case Study Writing and Analysis Method	100	CO1	To help students learn case writing techniques	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M
78					100	CO2	To help them understand the nuances in writing styles based on the type of organizations	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M
78					100	CO3	To develop skills in narration which would serve them in various corporate strategic communication initiatives	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M
78					100	CO4	To help them specialize in the areas of corporate qualitative research, which would supplement their analytical skills	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M
79	SEM IV	020841421 - PP	T2256	Leadership Styles	100	CO1	To learn about different leadership styles	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
79					100	CO2	To help students assess the suitability of styles based on organizations requirements	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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79					100	CO3	To help them assess efficacy of leadership through practice based observations	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
79					100	CO4	To help students understand potential future challenges for leaders	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
80	SEM IV	020841422-PP	T2658	Design Thinking	100	CO1	To understand the taxonomies in the field of design thinking	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
80					100	CO2	To learn about applications of this methodology for ideation and commercialization of new products	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
80					100	CO3	To move beyond matrix based / box based thinking and develop lateral approaches to solve problems	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
81	SEM IV	020841423-PP	T2254	Game Theory for Strategic Thinking	100	CO1	To understand the role of game theory for organizational practice	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
81					100	CO2	To learn about specific quantitative techniques in the field	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
81					100	CO3	To apply specific tools which would help solve real world problems using key principles of game theory	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
82	SEM IV	T6671 - PP		Oops:Object Out of Place,the Unexplained and the Unexplainable	60	CO1	To analyze Histories, Mysteries, Legends, Myths, and things that just should not be there - the infamous OOPs or Objects Out of Place.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H
82					60	CO2	To develop research techniques that allow one to sort through contradictory material and find the core material	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
82					60	CO3	To apply scientific techniques to analyze material.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H

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1					60	CO2	To identify the applications of theory of supply and elasticity of supply in real business situations.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	
1					60	CO3	To distinguish between various market structures in terms of their features and price output determination processes along with evaluation of competition and pricing strategies adopted by firms in different market structures.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	
1					60	CO4	To comprehend various national income concepts along with measurement and accounting practices in national income estimation.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	
1					60	CO5	to understand the concepts of monetary policy, role of central banks and its implications for society and business and the fiscal policy and the budgets	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	
2	SEM I	020848102 - PP	T2240	Advanced Business Communication	60	CO1	To Understand the meaning and importance of communication in current globalized scenario.	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	
2					60	CO2	To Communicate effectively in a professional environment	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	
2					60	CO3	To Overcome communication barriers by using tools and methods of effective communication	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	
2					60	CO4	To Effectively use latest communication technologies.	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	
2					60	CO5	develop skill and etiquettes required for business	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	

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3	SEM I	020848103 - PP	T2116	Marketing Management	60	CO1	To gain insights on the fundamental concepts of marketing to critically evaluate a marketing problem	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
3					60	CO2	To enable students to apply marketing perspectives to carry out effective marketing initiatives	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
3					60	CO3	To develop an ability to apply value based marketing in an organization setup	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
3					60	CO4	To analyze marketing strategies of various companies to improve business growth efforts and results	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
3					60	CO5	To be able to design and implement innovative and creative marketing strategies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
4	SEM I	020848104 - PP	T2279	Organisational Behaviour	60	CO1	To gain insights into concepts of organizational behaviour. To know the principles, practices of OB and to develop insights into linkages between individual, group and structural behaviour and best practices	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
4					60	CO2	To develop ability to apply concepts in values, emotional intelligence, perception and motivation to the workplace situations	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
4					60	CO3	To gain skills in the areas of conflict handling and negotiations in organizations	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
4					60	CO4	To interpret and apply the concepts of leadership skills and discriminate the same from those used in Power and Politics in organizations	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H

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4					60	CO5	To develop an ability to describe, apply and evaluate organization culture and spirituality	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
5	SEM I	020848105 - PP	T2217	Business Statistics	60	CO1	To enable students to present, analyze and interpret data visually and numerically	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M
5					60	CO2	To enable students to make inferences from samples drawn from datasets.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M
5					60	CO3	To enable students to apply univariate and multivariate statistical techniques.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M
5					60	CO4	To enable students to apply forecasting techniques	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M
5					60	CO5	To apply all techniques to business problems.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M
6	SEM I	020848106 - PP	T2186	Operations Management	60	CO1	To help students gain insights into forms of production and operations management - principles and practices and develop insights into linkages between operations strategy and competitive business strategy.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
6					60	CO2	To enable students to develop ability to apply concepts in process and product design, customer and manufacturing considerations in design, to practical situations	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
6					60	CO3	To help students gain skills in the areas of value analysis, concurrent engineering, assembly line balancing and facility location decisions	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H

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6					60	CO4	To enable students to interpret the human resource planning and behavioral issues in job design, understand purchasing and supply chain practices in the context of operations; demonstrate an ability to interpret inventory management situations and problems	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
6					60	CO5	To help students develop an ability to describe, apply and evaluate quality systems, total quality management, statistical quality control, Just in Time methods, lean production, newer forms of processes in agile operations and principles of service operations.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
7	SEM I	020848109 - PP	T2003	Financial Accounting	60	CO1	To understand the basic concepts, Assumptions & Conventions as per the Generally Accepted Accounting Principles	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
7					60	CO2	To understand the complete Accounting Process from the point of recording till reporting.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
7					60	CO3	To understand the manner of preparation of Financial Statements as per Governing Regulations.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
7					60	CO4	To be able to differentiate between Capital & Revenue Expenditure & its impact on the profits of the Company	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
7					60	CO5	To understand the manner of preparation of Cash Flow Statement.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M

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8	SEM II	020848201-PP	T2388	Global Business Environment	60	CO1	To identify, differentiate and evaluate the various channels of globalization-Trade, FDI, financial flows, as well as other contemporary channels of globalization.	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L
8					60	CO2	To construct, synthesize and present a country risk analysis on the countries allotted to them.	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
8					60	CO3	To understand, analyze and discuss specific global financial and currency crises with special focus on their impact on emerging economies.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
8					60	CO4	To enable the differentiation, evaluation, and application of entry strategies used by businesses in going global.	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M
8					60	CO5	To understand, analyze, and review the larger theoretical and empirical aspects of Corporate Social Responsibility (CSR).	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
9	SEM II	020848202-PP	T2036	Human Resources Management	60	CO1	To define the basic concepts, functions, scope & techniques used in HRM	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
9					60	CO2	To apply & demonstrate the skills of HR manager towards employees	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
9					60	CO3	To evaluate the various HR functions and recommend the necessary changes	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
9					60	CO4	To interpret various HR policies and produce new HR model	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
9					60	CO5	To understand concepts of Industrial Relations	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	Strong-H

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10	SEM II	020848203 - PP	T2167	Operations Research	60	CO1	To gain familiarity in transforming real life business challenges into formulation of Mathematical/ statistical problems.	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
10					60	CO2	To gain an understanding of Linear Programming formulation, which encapsulates a significant no of Business challenges.	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
10					60	CO3	To gain an understanding of solving LP problems using both Graphs and simplex tables and gain an understanding of the sensitivity analysis thereof	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
10					60	CO4	To learn about other Linear models - viz. Transportation assignment - of problem formulation and solution	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
10					60	CO5	To learn about some special formulations like games theory and Network models and the ways to solve them	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
11	SEM II	020848204 - PP	T2280	Financial Management	60	CO1	To Demonstrate an understanding of the overall role and importance of the capital budgeting function	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
11					60	CO2	To be able to develop an analytical approach to Corporate finance decision making	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
11					60	CO3	To understand the Capital structure theories and measurement of cost of capital	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
11					60	CO4	To understand the dimensions of market risk and return	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
11					60	CO5	To apply the concepts of risk and return in portfolio formation.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M

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12	SEM II	020848205 - PP	T2221	Cost Accounting	60	CO1	To understand the meaning of Cost, its components & their significance	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
12					60	CO2	To Identify the costing systems used in service, merchandising and manufacturing industries	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
12					60	CO3	To use decision making tools such as Marginal Costing, Break Even Analysis that aid in Pricing, Make or Buy Decisions or choosing the most profitable product lines	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
12					60	CO4	To plan, classify, allocate & analyse costs to facilitate cost reduction & control	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
12					60	CO5	To understand the manner of allocating direct costs & overheads to products/segments to determine their profitability	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
12					60	CO6	To understand the importance of proper Cost Management Systems right from Business Planning to Reporting of results	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
13	SEM II	020848206 - PP	T2006	Supply Chain Management	60	CO1	To help students gain insights into a few fundamental frameworks, principles and practices and develop insights into achieving strategic fit and scope	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
13					60	CO2	To help them understand supply chain drivers and metrics, develop ideas about how distribution networks are designed	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H

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13					60	CO3	To help students gain skills in the areas of network design in the supply chain, identify quantitative approaches in decision making and its application to forecasting techniques, which in turn are a fundamental responsibility of the supply chain	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
13					60	CO4	To help students understand principles of inventory management, purchase discounts and their applicable situations, warehousing and transportation fundamentals	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
13					60	CO5	To help them develop an ability to identify the role of technology in supply chain, assess linkages between pricing and revenue management in a supply chain as well as relationship and coordination aspects in the supply chain	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
14	SEM II	020848208-PP		International Marketing	60	CO1	To enable Students to be able to apply basic international marketing theories and concepts to understand the environment.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
14					60	CO2	To enable Students to be able to apply the knowledge and skills to devise and implement appropriate marketing strategies in international markets.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
14					60	CO3	To enable Students to be able to appraise themselves with current marketing tools and practices for successful strategies to enter, conquer and sustain in the foreign markets.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M

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14					60	CO4	To enable Students to undertake strategic business analysis in order to develop appropriate international marketing objectives and strategies	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
14					60	CO5	To enable Students to develop skills in researching and analyzing trends in global markets and in modern marketing practice.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15	SEM III	020848301-PP	T2058	Advanced Topics in Corporate Finance	60	CO1	To Identify appropriate financial theory and analytical techniques to value investing	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
15					60	CO2	To Develop techniques for corporate decision making under conditions of risk.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
15					60	CO3	To apply investment decision models to securitization, private equity funds and venture capital	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
15					60	CO4	To Conduct financial decision-making in areas of leveraged buyouts, mangement buyouts	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
15					60	CO5	To understand innovative practices in financial decision making	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
16	SEM III	020848302-PP	T2163	Quality Management	60	CO1	To help students gain insights into a few fundamental frameworks, historical evolution of the discipline, principles and practices and thereby develop key insights	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
16					60	CO2	To help students understand various tools in quality management, understand the importance of quality standards and their applications	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H

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16					60	CO3	To facilitate development of skills in the areas of quality performance as a measurable characteristic. They would also learn about statistical process control through the use of control charts	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
16					60	CO4	To help them develop an awareness of six sigma in its multi-faceted forms - metric, methodology and as a management system	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
16					60	CO5	To help students apply six sigma tools and techniques to projects and to specific problems encountered in organizations	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
17	SEM III	020848303 - PP	T2135	Sales and Distribution Management	60	CO1	To familiarize the students with the concepts of sales & distribution management and the trends that is shaping its future.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
17					60	CO2	To help the students analyze and explore the various areas in Sales like Market Demand and Forecasting, Sales Budgets, Sales Territories, Sales Training, Sales Control & Analysis etch	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
17					60	CO3	To assist the students in understanding the importance of Distribution channels and their management.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
17					60	CO4	To emphasise the importance of controlling market outstanding by analyzing accounts receivables	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
17					60	CO5	To familiarize them with Sale of Goods Act, and the various forms of sales tax like VAT & GST, discounts etc.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M

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18	SEM III	020848304 - PP	T2269	Organisational Development and Change	60	CO1	To gain in-depth understanding of the discipline of Organization Development & Change and its role in building Organizational effectiveness	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
18					60	CO2	To become fully conversant with the concepts and theories underlying ' Development and Change'	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
18					60	CO3	To be able to identify and analyze different Interventions necessary for achieving the organizational goals	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
18					60	CO4	To evaluate the Interventions in meeting the organization goals	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
18					60	CO5	To understand the OD Practitioners' Role & Responsibilities and code of ethics	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
19	SEM III	020848305 - PP	T2287	Employment Related Law	60	CO1	To comprehend the provision under various labour legislations	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
19					60	CO2	To plan effective ways of managing employee relations at work	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
19					60	CO3	To utilize the knowledge of industrial disputes in order to maintain industrial peace and harmony	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
19					60	CO4	To build methods and process to employ contract labour and regulating the employment of the labour	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
19					60	CO5	To assess the role of Trade Unions in maintaining cordial employment relations and bonus sharing	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H

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21					60	CO4	To enable an understanding of principles of change management, apply some of the ideals espoused by the McKinsey 7S model and relate them to the strategic objectives of the firm	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
21					60	CO5	To foster skills so that they develop an ability to analyze strategic leadership, the relevance of developing a culture of innovation in developing the organizational skills	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
22	SEM IV	020848401 - PP	T2012	Commercial Banking	60	CO1	To Provide students a deep understanding of the Conceptual, Strategic and Operational Issues in the management of Commercial Banks	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
22					60	CO2	To highlight the importance of Regulation and its Impact on Commercial Banks	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
22					60	CO3	To discuss the Effect of macro and micro economic factors in the viability of Commercial Banks	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
22					60	CO4	To focus on the Current Issues facing the Banking Industry	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
22					60	CO5	To help students understand the Ongoing initiatives in India towards strengthening and deepening Banking Services in India	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
23	SEM IV	020848402 - PP	T2191	World Class Manufacturing	60	CO1	To gain an insight into the elements of the Toyota Production System framework and through its comprehension, appreciate its impact in the area of manufacturing and replicate applicable elements to business processes	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H

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23					60	CO2	To develop the ability to apply the concepts of Lean Manufacturing, Theory of constraints, Total Productive Maintenance practically on the shopfloor through the knowledge of various tools and techniques gained in the class	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
23					60	CO3	To gain skills in the application of tools, particularly Value Stream Mapping, Line balancing, SWCT (Standardized work combination tool), A3 problem solving, Skill Matrix, Balanced Scorecard, Line Balancing, Supply Chain, Production levelling, OEE ,5S , Visual Management amongst others. Consideration of human aspects for Continous Improvement would be developed	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
23					60	CO4	To gain an understanding of types of production flows (VATI flows) that manifest in a production environment, evaluate them and apply concept of Theory of Constraints to identify the constraint, and take countermeasures to eliminate the constraint, using the Five Focusing Steps. The DBR model and S-DBR model of planing	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
23					60	CO5	To learn the concept of Dynamic Buffer Management from deplyment perspective in Supply chain and concept of Critical Chain as used in Project Management	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
24	SEM IV	020848403 - PP	T2131	Brand Management and Communications	60	CO1	To be able to apply the fundamental concepts of product and brand development and management	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
24					60	CO2	To develop an understanding of the product manager's role in product pricing, sales, and promotion	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
24					60	CO3	To apply the brand positioning framework to develop a brand, keep it relevant, expand a brand internationally, and reposition a brand	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
24					60	CO4	To examine tools and metrics to analyze competitors and develop positioning strategies	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
24					60	CO5	To recognize the importance of using teams and organization to create and manage products within an organization.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
24					60	CO6	To be able to apply the analytical skills in creating and suggesting marketing communication for different branding strategies	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
25	SEM IV	020848404 - PP	T2193	Project Management	60	CO1	To Develop an overview of project management, evolution and classifications	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
25					60	CO2	To Understand the project feasibility, the role of planning and scheduling activities in an organization	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
25					60	CO3	To Learn about tools such as CPM, PERT, identify methods to assess risks, estimate project costs and understand project financing methods	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
25					60	CO4	To learn about project control and evaluation through industry examples and case studies	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
25					60	CO5	To help students develop knowledge about project evaluation, quality assurance, the project organization structure and also about audits	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
26	SEM IV	020848405 - PP	T2139	Digital Marketing	60	CO1	To help students Interpret the traditional marketing mix within the context of a changing and extended range of digital strategies and tactics.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
26					60	CO2	To demonstrate cognitive knowledge of the skills required in identifying, assessing and selecting digital market opportunities.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
26					60	CO3	To analyze critically and analytically assess emerging trends in digital marketing and critically assess the use of digital marketing tools by applying relevant marketing theories and frameworks.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
26					60	CO4	To help students comprehend the importance of working with digital relationship marketing.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
26					60	CO5	To assist students to analyse ethical and cross-cultural issues in globalised digital markets.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
27	SEM IV	020848406 - PP	T2005	Financial Statement Analysis	60	CO1	To Identify and assess the qualitative characteristics in the financial statements	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
27					60	CO2	To evaluate firm profitability and compare the profitability of firms using the rate of return on assets and its components.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
27					60	CO3	To evaluate a firm's short-term liquidity risk and long-term solvency risk.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
27					60	CO4	To apply the concept of quality of accounting information	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
27					60	CO5	To develop financial statement forecasts including balance sheets, income statements, and statement of cash flows	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
28	SEM IV	020848407-PP	T2148	Retail Marketing	60	CO1	To develop insights about retail management-theories and practices, multi-channel retailing and develop insights related to Indian retailers and global retailers.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
28					60	CO2	To apply the concepts of retail operations and store management and to imply in practical situations.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
28					60	CO3	To analyze the skills in the areas of various retail formats, retail locations and site selection strategies.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
28					60	CO4	To interpret the concepts into applications by using them for store layout and design, merchandise management, and in developing financial strategies for retailers.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
28					60	CO5	To develop an ability to describe, apply and evaluate retailers' life cycle, operational and pricing strategies for retailers, CRM, customer service strategies, human resource strategies, visual merchandise and communication strategies for retailers.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
29	SEM IV	020848408-PP	T2225	Research Methodology	60	CO1	To enable students comprehend research issues.	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
29					60	CO2	To enable students to identify research questions and formulate research hypothesis.	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
29					60	CO3	To appraise students of various techniques of research design and data collection.	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
29					60	CO4	To enable students to synthesize qualitative and quantitative data crunching techniques.	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO1	Students should be able to demonstrate leadership skills
2	GA3	Eco-literate: sensitivity towards a sustainable environment	PO2	Students should be able to understand and be conscious of the impact of managerial decisions on the triple bottom-line - Profits, People and Planet.
3	GA1	Scholarship: research, inquiry and lifelong learning	PO3	Students will be adept at analyzing and applying theoretical constructs to various diverse business scenarios.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3
1	Semester-I	021141101 - PP	T2217	Business Statistics	60	CO1	At end of the Course the student will be able to apply and interpret the fundamental Concepts of business statistics.	Weak-L	Moderate-M	Moderate-M
1					60	CO2	Summarizing and describing the business data structures.	Moderate-M	Moderate-M	Moderate-M
1					60	CO3	Statistical Techniques to analyze the data for business decision making	Moderate-M	Strong-H	Moderate-M
1					60	CO4	Inferential statistics for statistical authentication of results drawn from business data.	Moderate-M	Moderate-M	Moderate-M
1					60	CO5	Causal and effect theories for identifying the relations between the variables of business data	Moderate-M	Moderate-M	Strong-H
1					0	CO6		-	-	-
2	Semester-I	021141102 - PP	T2036	Financial Management	60	CO1	Develop an understanding of the basic concepts of corporate finance	Weak-L	Strong-H	Strong-H
2					60	CO2	Gain insights into the theories of corporate finance	Moderate-M	Strong-H	Strong-H
2					60	CO3	Develop an understanding of real time applications of the theories of corporate finance	Moderate-M	Strong-H	Strong-H
2					0	CO4		-	-	-
2					0	CO5		-	-	-
2					0	CO6		-	-	-
3	Semester-I	021141103 - PP	T2280	Human Resource Management	60	CO1	To define the basic concepts, functions, scope & techniques used in HRM	-	Moderate-M	Strong-H
3					60	CO2	To apply & demonstrate the skills of HR manager towards employees	Strong-H	Moderate-M	Moderate-M
3					60	CO3	To interpret various HR policies and Understand the Various HR models	-	-	Strong-H
3					60	CO4	To evaluate the various HR functions and recommend the necessary changes	Moderate-M	Moderate-M	Strong-H
3					60	CO5	To comprehend the contemporary issues in HRM.	Weak-L	Moderate-M	Strong-H
3					0	CO6		-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3
4	Semester-I	021141104 - PP	T2116	Marketing Management	60	CO1	To state & describe marketing functions and its role in in business organization	Weak-L	Moderate-M	Moderate-M
4					60	CO2	To list & describe elements of marketing mix.	Moderate-M	Strong-H	Strong-H
4					60	CO3	To relate of external environment with marketing decision making	Strong-H	Strong-H	Strong-H
4					60	CO4	To differentiate customer needs and marketers response for varied businesses such as services, goods, and for household consumers, organizational buyers	Strong-H	Strong-H	Strong-H
4					0	CO5		-	-	-
4					0	CO6		-	-	-
5	Semester-I	021141105 - PP	T2221	Operations Research	60	CO1	Students learn a systematic approach in analyzing the problems, converting them into mathematical models and solve them using various quantitative techniques	Weak-L	Strong-H	Strong-H
5					60	CO2	Demonstrate application of skills in using various quantitative tools and techniques	Strong-H	Strong-H	Strong-H
5					60	CO3	Will be able to solve complex problems using computer software	Weak-L	Moderate-M	Strong-H
5					60	CO4	Students lean the governance and sustainability of business, application of technology in problem solving, ethics in conducting business and concern for environmental management	Weak-L	Strong-H	Moderate-M
5					60	CO5	Demonstrate application of various tools and techniques in real life / simulated manufacturing and service industry processes	Strong-H	Strong-H	Strong-H
5					0	CO6		-	-	-
6	Semester-I	021141106 - PP	T2118	Consumer Behaviour	60	CO1	Students will remember and understand consumer behavior theories and concepts	Weak-L	Strong-H	Strong-H
6					60	CO2	Demonstrate the ability to establish relationships among various cross discipline concepts that effect consumer behaviour	Moderate-M	Strong-H	Strong-H
6					60	CO3	To criticize the role of consumer research in decision making	Moderate-M	Strong-H	Strong-H
6					0	CO4		-	-	-
6					0	CO5		-	-	-
6					0	CO6		-	-	-
7	Semester-I	021141107 - PP	T2003	Financial Accounting	60	CO1	Apply and nterpret Concepts and Accounting Mechanism, Financial statements and their elements	Strong-H	Strong-H	Strong-H
7					60	CO2	Various accounting standards and GAAP with respect to the elements in the financial statements	Strong-H	Strong-H	Strong-H
7					60	CO3	Techniques to analyse the financial statements	Moderate-M	Strong-H	Strong-H
7					60	CO4	Interpretation of financial statements for better decision-making	Strong-H	Strong-H	Strong-H
7					60	CO5	Implication of the new standards introduced	Strong-H	Strong-H	Strong-H
7					0	CO6		-	-	-
8	Semester-I	021141108 - PP	T1140	Legal Aspects of Business	60	CO1	Acquire a basic knowledge of the legal system in which organizations function	Weak-L	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3
8					60	CO2	Understand the structure and interpretation of laws relevant to the functioning of business	Strong-H	Strong-H	Strong-H
8					60	CO3	Should be able to take informed managerial decisions within the legal frame work	Strong-H	Strong-H	Moderate-M
8					0	CO4		-	-	-
8					0	CO5		-	-	-
8					0	CO6		-	-	-
9	Semester-I	021141109 - PP	T2573	Organizational Behaviour	60	CO1	Understand what is Organizational Behavior, appreciate few absolutes of Organizational Behavior, how to respond to the challenges of OB and Opportunities for OB	Weak-L	Weak-L	Moderate-M
9					60	CO2	Understand the Deficiencies and process of Various components of individual attributes and apply the frameworks that enhances individual effectiveness (Attitude, perceptions, Individual stress of stress management)	Moderate-M	Strong-H	Strong-H
9					60	CO3	Understanding Decision making concepts, group behaviour, understanding working of teams power and politics in organization, concept, negotiation stress management, apply the frameworks between in personal and professional life so that the managers are successful in any organization	Weak-L	Strong-H	Moderate-M
9					60	CO4	Understanding what is leadership, trends and behavioral there of leadership. So that manager and demonstrate leadership qualities and stress from successfully in achieving the demand goals. Demonstrate leadership attributes to accomplish tanker through from both at the campus at unlikely place, Industry building a developed culture, bring effective change and build a culture of performance	Strong-H	Weak-L	Weak-L
9					60	CO5	Overall -How to be an effective individual manage and stall fresher and demonstrate leadership to get the deserve state - Happy and actively engaged person	Strong-H	Strong-H	Strong-H
9					0	CO6		-	-	-
10	Semester-I	021141110 - PP	T2560	Principles and Practices of Management	60	CO1	Understand the changing role of management, the basic principles of organizational design	Strong-H	Strong-H	Strong-H
10					60	CO2	Elucidate the role of management in modern organizations and the importance of organizational goal setting	Strong-H	Strong-H	Moderate-M
10					60	CO3	Evaluate the types of decisions made in business, and be familiar with the steps in the decision-making process	Strong-H	Strong-H	Strong-H
10					60	CO4	Understand the purpose of strategic operational planning and apply the tools and techniques used to accomplish the set objectives	Moderate-M	Weak-L	Strong-H
10					0	CO5		-	-	-
10					0	CO6		-	-	-
11	Semester-I	021141111 - PP	T6007	Business Communication	60	CO1	To make the student be aware and understand various forms of communication and their relevance in business setup	Moderate-M	Moderate-M	Strong-H
11					60	CO2	To expose the students to various kinds of persuasion techniques and design messages and utilize appropriate communication channels	-	-	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3
11					60	CO3	Design and deliver highly effective communication in a professional way. Crafting different messages	Moderate-M	-	Moderate-M
11					60	CO4	Acknowledging and respecting different Business etiquette and across cultures.	Strong-H	Strong-H	Strong-H
11					0	CO5		-	-	-
11					0	CO6		-	-	-
12	Semester-I	021141112 - PP	T6075	Managerial Economics	60	CO1	Gain a better understanding of Demand, Supply, and a Market system	Weak-L	Strong-H	Strong-H
12					60	CO2	Understand the usefulness of Marginal Analysis	Moderate-M	Strong-H	Moderate-M
12					60	CO3	Understand Government Regulations and different market structures	Strong-H	Strong-H	Strong-H
12					0	CO4		-	-	-
12					0	CO5		-	-	-
12					0	CO6		-	-	-
13	Semester-II	021141201 - PP	T2186	Operations Management	60	CO1	Students will understand operations management and their linkages with other business functions	Moderate-M	Strong-H	Strong-H
13					60	CO2	Analyze the strategic importance of operations management in business decision making.	Strong-H	Strong-H	Strong-H
13					60	CO3	Students will be able to analyze and make decisions on different business processes.	Strong-H	Strong-H	Strong-H
13					60	CO4	Understand the major process strategy decisions and their implications for product and services design.	Strong-H	Strong-H	Strong-H
13					60	CO5	To discuss emerging trends in operations management and how the firms address challenges using them.	Strong-H	Strong-H	Strong-H
13					60	CO6	Apply various tools and techniques for solving problems related to decision making and for efficient and responsive operations.	Strong-H	Strong-H	Strong-H
14	Semester-II	021141202 - PP	T2218	Advanced Statistics	60	CO1	At end of the Course the student will be able to apply and interpret the fundamental and advanced Concepts of advance statistics	Weak-L	Strong-H	Strong-H
14					60	CO2	Describing the business data structures	Moderate-M	Moderate-M	Moderate-M
14					60	CO3	Advanced Statistical Techniques to analyze the data for business decision making	Strong-H	Strong-H	Strong-H
14					60	CO4	Advanced statistical models for practical application in the analytics industry	Strong-H	Strong-H	Strong-H
14					60	CO5	Causal and effect theories for identifying the relations between the variables of business data using advanced statistical tools and techniques	Strong-H	Strong-H	Strong-H
15	Semester-II	021141203 - PP	T2777	Management Accounting	60	CO1	Appreciate the Concepts and the framework of presentation the accounting information with appropriate classification of elements	Moderate-M	Strong-H	Strong-H
15					60	CO2	Appreciate the management tools and techniques	Strong-H	Strong-H	Strong-H
15					60	CO3	Understand the application of appropriate techniques in Management accounting considering the business conditions	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3
15					60	CO4	Use appropriate tools to present the accounting information for effective decision making	Strong-H	Strong-H	Strong-H
15					60	CO5	Analyse and interpret the results for better decision-making in the competitive markets	Strong-H	Strong-H	Strong-H
16	Semester-II	021141204 - PP	T2225	Research Methodology	60	CO1	Develop an understanding of the basic concepts of research methodology	Moderate-M	Moderate-M	Strong-H
16					60	CO2	Gain insights into the formulation of research questions and hypothesis	Moderate-M	Moderate-M	Strong-H
16					60	CO3	Understand the concept of sampling design, methods of data collection and data analysis	Weak-L	Strong-H	Strong-H
16					60	CO4	Develop an understanding of real time applications of the concepts of research	Moderate-M	Strong-H	Strong-H
17	Semester-II	021141205 - PP	T4005	Integrated Disaster Management	60	CO1	To enable the student to understand various types of disasters, its preparedness and management.	Strong-H	Moderate-M	Strong-H
17					60	CO2	To instil knowledge on reducing disasters and capacity building through community participation.	Moderate-M	Strong-H	Strong-H
17					60	CO3	To train students to preform First aid and CPR in an emergency	Strong-H	Moderate-M	Strong-H
18	Semester-II	021141206 - PP	T2005	Financial Statement Analysis	60	CO1	Interpret the financial statements and critically evaluate the annual report of the corporates	-	Strong-H	Strong-H
18					60	CO2	Understand the application of GAAP and the Accounting standards and analyse the financial statements of the corporates across the globe	-	Strong-H	Strong-H
18					60	CO3	Evaluate and interpret each element of the financial data in the income statement and Balance sheet, pertaining to different reporting practices across the industry	-	Strong-H	Strong-H
18					60	CO4	Critically evaluate every financial report and identify the impact of window dressing, if any	-	Strong-H	Strong-H
18					60	CO5	Able to employ the financial information in valuation of firms for decision making	Moderate-M	Strong-H	Strong-H
19	Semester-II	021141207 - PP	T2059	Advanced Corporate Finance	60	CO1	Develop an understanding to the practical aspects of financial decision making	Strong-H	Strong-H	Strong-H
19					60	CO2	Apply the concepts to real life situation	Strong-H	Strong-H	Strong-H
19					60	CO3	Understand the practical application of various theories	Moderate-M	Moderate-M	Strong-H
20	Semester-II	021141208 - PP	T2011	Commercial Banking	60	CO1	Explain and characterize the important concepts and framework of Commercial Banking in India	Weak-L	Moderate-M	Moderate-M
20					60	CO2	Analyze the key issues concerning Legal Framework of Commercial Banking in India.	Moderate-M	Strong-H	Strong-H
20					60	CO3	Apply the concepts in Credit Appraisal in Banks	Strong-H	Strong-H	Strong-H
20					60	CO4	Acquire expertise in appraisal of Retail Loan products of a Bank and Various Allied Services offered by the Bank	Strong-H	Strong-H	Strong-H
21	Semester-II	021141209 - PP	T2045	Corporate Valuation	60	CO1	To know the concept and forms of Investments	-	Strong-H	Strong-H
21					60	CO2	To learn Economic, Industry and Company Analysis	-	Strong-H	Strong-H
21					60	CO3	To learn different techniques of Equity Valuation	-	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3
21					60	CO4	To understand the nuances of valuation techniques in practice.	-	Strong-H	Strong-H
22	Semester-II	021141210 - PP	T2019	Fixed Income Markets	60	CO1	To learn basics of Fixed Income Markets and Treasury Securities Auction	-	Strong-H	Strong-H
22					60	CO2	To learn valuation of Bonds	-	Strong-H	Strong-H
22					60	CO3	To quantify risk element in investment in bonds and to learn bond structuring.	-	Strong-H	Strong-H
22					60	CO4	To design framework for Bond Strategies and construction of Bond Index.	-	Strong-H	Strong-H
23	Semester-II	021141211 - PP	T2015	Introduction to Financial Markets and Institutions	60	CO1	To understand Indian Financial System	-	-	Weak-L
23					60	CO2	To know structure and the way financial markets operate.	Weak-L	Moderate-M	Strong-H
23					60	CO3	To have in depth knowledge of NBFCs and Indian Banking System	Moderate-M	Strong-H	Strong-H
23					60	CO4	To understand the structure and functions of Regulators in Indian Financial System	Moderate-M	Strong-H	Strong-H
24	Semester-II	021141212 - PP	T2754	Industrial Relations & Employment Laws	60	CO1	To understand and appreciate the importance of industrial relations, legislative enactments and their impact on Industrial Relations.	Strong-H	Moderate-M	Strong-H
24					60	CO2	To understand the institutional mechanism for investigation and settlement of industrial disputes.	Moderate-M	Strong-H	Strong-H
24					60	CO3	To examine in detail the various aspects of legal provisions related to employment of labor in the organizations.	Weak-L	Moderate-M	Strong-H
24					60	CO4	Analyze the trends in IR related to unionization and recognition of trade unions.	Weak-L	Moderate-M	Strong-H
25	Semester-II	021141213 - PP	T2729	Indian Ethos and Values for Management	60	CO1	Relate Indian Knowledge and its contribution towards management	Moderate-M	Moderate-M	Moderate-M
25					60	CO2	To comprehend the incredible, timeless, universal nature of Indian ethos and values	Weak-L	Moderate-M	Moderate-M
25					60	CO3	Analyze the different Indian perspectives on functions of management	Moderate-M	Moderate-M	Strong-H
25					60	CO4	To apply the concept of personal growth by self-management as per Indian context	Strong-H	Moderate-M	Weak-L
26	Semester-II	021141214 - PP	T2575	Organizational Development and Change	60	CO1	Compare & contrast different perspectives that characterize OD and Change Management	Moderate-M	Moderate-M	Strong-H
26					60	CO2	Develop an appreciation for the theory and practice of OD	Moderate-M	Moderate-M	Strong-H
26					60	CO3	Identify and describe the challenges faced by organizations to succeed	Weak-L	Moderate-M	Strong-H
26					60	CO4	Basic frame work of Experiential Learning associated to OD	Moderate-M	Weak-L	Weak-L
27	Semester-II	021141215 - PP	T2296	Compensation and Reward Management	60	CO1	To analyze various kinds of compensation and incentive programs (individual as well as group) and the situations in which such programs would be effective.	-	Moderate-M	Moderate-M
27					60	CO2	To identify and describe the types of government and union influences on compensation and benefit practices and management techniques for dealing with these influences	Strong-H	Moderate-M	Moderate-M
27					60	CO3	To describe various kinds of compensation and incentive programs and the situations in which such programs would be effective	-	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3
27					60	CO4	To perform a job analysis, write job descriptions, evaluate the value of specific jobs within an organizational structure.	-	Moderate-M	Strong-H
28	Semester-II	021141216 - PP	T2284	Learning and Development	60	CO1	To understand the concepts of Learning and Development, Training methodologies and bloom taxonomy	Weak-L	Moderate-M	Moderate-M
28					60	CO2	To apply the ADDIE Model in designing and developing a training program	Strong-H	Strong-H	Strong-H
28					60	CO3	To apprise the learning principles and how they need to be incorporated into the training program	Strong-H	Strong-H	Strong-H
28					60	CO4	To critically analyze various evaluation models and understand the practical implication of training programs	Strong-H	Strong-H	Strong-H
29	Semester-II	021141217 - PP	T2281	Talent Acquisition	60	CO1	To understand the importance, concept and process of talent acquisition and talent management and compare and contrast the Forecasting Techniques, types of Recruitment and Selection Methods	Moderate-M	Moderate-M	Strong-H
29					60	CO2	To evaluate latest Staffing Strategies for effective Talent Acquisition	Strong-H	Strong-H	Strong-H
29					60	CO3	To recommend techniques for effective Selection and Talent Retention Strategies .	Strong-H	Strong-H	Strong-H
29					60	CO4	To identify key performance factors, develop sourcing pools and establish interviewing criteria	Strong-H	Strong-H	Strong-H
30	Semester-II	021141218 - PP	T2614	Integrated Marketing Communication	60	CO1	Demonstrate understanding of the elements of promotional mix.	Weak-L	Moderate-M	Strong-H
30					60	CO2	Students will gain an understanding of different tools and media vehicles, and their appropriateness in communication mix.	Moderate-M	Moderate-M	Strong-H
30					60	CO3	Our students will be able to analyse the impact of various ways of budgeting and also message strategies on consumers.	Moderate-M	Strong-H	Strong-H
30					60	CO4	Our students will have the ability to prepare quality business documents related to Creative & Media Briefs, Advertising Messages, Blogs and White Papers and present them professionally.	Weak-L	Moderate-M	Strong-H
30					60	CO5	Students will learn the nuances of handling clients and hone their decision making skills.	Strong-H	Strong-H	Strong-H
31	Semester-II	021141219 - PP	T2148	Retail Marketing	60	CO1	Describe the key issues in retailing such as store location, store design, competition with non-store retailing.	Strong-H	Strong-H	Strong-H
31					60	CO2	Demonstrate how the choices relating to store management, branding, target customers and related aspects impact operation of the firm and the financial model of the firm.	Strong-H	Strong-H	Strong-H
31					60	CO3	Examine how the retailers make decisions with reference to the customer relations, with a view to create superior value to customers and to effectively competing with rivals.	Strong-H	Strong-H	Strong-H
32	Semester-II	021141220 - PP	T2143	Services Marketing	60	CO1	Compare & contrast between marketing physical products and intangible services, including dealing with the extended services marketing mix	Weak-L	Weak-L	Strong-H
32					60	CO2	An appreciation for the challenges facing the services marketing in traditional commercial marketing, e-marketing and non-commercial environments	Strong-H	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3
32					60	CO3	Identify the challenges faced in services delivery as outlined in the services gap model and manage service solutions that benefit various stakeholders through service-profit chain	Strong-H	Strong-H	Strong-H
33	Semester-II	021141221 - PP	T2826	Tourism Marketing	60	CO1	Students gain insight into various principles/concepts of Tourism Marketing	Weak-L	Strong-H	Strong-H
33					60	CO2	Demonstrate application of 7 P's of Marketing in Tourism Marketing	Moderate-M	Strong-H	Strong-H
33					60	CO3	Will be able to conduct Tourism Research Independently.	Moderate-M	Strong-H	Strong-H
34	Semester-II	021141222 - PP	T2136	Sales Force and Channel Management	60	CO1	to understand & illustrate the factors affecting the sales & distribution function	Strong-H	Moderate-M	Strong-H
34					60	CO2	to design distribution channels / systems for varied business situations	Strong-H	Moderate-M	Strong-H
34					60	CO3	to explain & apply tools and strategies necessary for forecasting, organizing, planning, motivating and evaluating sales & distribution management systems	Strong-H	Moderate-M	Strong-H
34					60	CO4	to list various distribution intermediaries & types of salespersons	Moderate-M	Moderate-M	Moderate-M
34					60	CO5	to play the role of sales as well as marketing manager	Strong-H	Strong-H	Strong-H
35	Semester-II	021141223 - PP	T2130	Brand Management	60	CO1	Explain core concepts in branding - architecture, hierarchy, identity, personality, positioning, knowledge, awareness, image, loyalty, brand equity.	Weak-L	Weak-L	Strong-H
35					60	CO2	Differentiate branding strategies across categories and analyze brand positioning strategies.	Moderate-M	Moderate-M	Strong-H
35					60	CO3	Measure customer-based brand equity and evaluate the scope of brand management activities.	Strong-H	Moderate-M	Strong-H
35					60	CO4	Craft an integrated brand communications story/ campaign	Strong-H	Strong-H	Strong-H
36	Semester-II	021141224 - PP	T2796	Total Quality Management	60	CO1	Students will gain thorough conceptual understanding of manufacturing and service quality control and quality management.	Weak-L	Strong-H	Weak-L
36					60	CO2	Understand the philosophy behind Total Quality Management of different quality gurus	Strong-H	Moderate-M	Moderate-M
36					60	CO3	Understand and practice process control, continuous process and breakthrough improvements.	Moderate-M	Strong-H	Strong-H
36					60	CO4	Equip students with quality control, quality management and Six Sigma tools and techniques	Strong-H	Strong-H	Strong-H
36					60	CO5	Demonstrate the application of quality control and quality management standards through case analysis and project work.	Strong-H	Moderate-M	Strong-H
37	Semester-II	021141225 - PP	T2193	Project Management	60	CO1	Students should be able to understand the principles and actions for best practice in project management	Strong-H	Strong-H	Strong-H
37					60	CO2	Students should be able to understand and use some of the main project management tools, including CPM, PERT, Gantt Charts create from a Project description and definition.	Strong-H	Strong-H	Strong-H
37					60	CO3	Students should understand the relationship between Quality, Cost and Time for a project	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3
37					60	CO4	Students should understand the fundamentals of feasibility, planning & scheduling, resource allocation, cost estimating & budgeting, risk management, project organization and quality, as applied to project management	Strong-H	Strong-H	Strong-H
38	Semester-II	021141226 - PP	T2827	Supply Chain Management	60	CO1	At end of the Course the student will be able to Master the fundamental concepts in SCM.	Strong-H	Moderate-M	Strong-H
38					60	CO2	Logistics concepts and applications for decisions.	Weak-L	Moderate-M	Moderate-M
38					60	CO3	Become comfortable with the main supply chain concepts for forecasting and aggregate planning.	Strong-H	Moderate-M	Moderate-M
39	Semester-II	021141227 - PP	T2192	Technology and Innovation Management	60	CO1	Demonstrate understanding of the concepts of innovation, technology , diffusion, value creation.	Strong-H	Strong-H	Strong-H
39					60	CO2	Understand managerial challenges in growing an organization and managing innovations	Strong-H	Strong-H	Strong-H
39					60	CO3	Design strategies to create and capture value through technology, and how entrepreneurs and managers can create and translate innovation into business growth and wealth.	Strong-H	Strong-H	Strong-H
39					60	CO4	Understand how technology interplays with the macro environment	Strong-H	Strong-H	Strong-H
40	Semester-II	021141228 - PP	T2748	Theory of Constraints	60	CO1	To ingrain the ToC thinking process among students.	Weak-L	Moderate-M	Strong-H
40					60	CO2	To discuss give the students a practical hands-on feel of ToC implementation through simulation exercises	Strong-H	Strong-H	Strong-H
40					60	CO3	To further enhance understanding of ToC through projects.	Strong-H	Strong-H	Strong-H
41	Semester-II	021141229 - PP	T2844	Sustainable Manufacturing Operations	60	CO1	Students will understand the concepts of sustainable manufacturing operations	Weak-L	Weak-L	Moderate-M
41					60	CO2	Learn Life Cycle Assessment of products and decision making on sustainability.	Moderate-M	Strong-H	Strong-H
41					60	CO3	Students will be able to analyze sustainability of processes, manufacturing, material and energy in operations.	Strong-H	Strong-H	Strong-H
41					60	CO4	Learn about renewable source of Energy and its uses in manufacturing	Strong-H	Strong-H	Strong-H
41					60	CO5	Learn about value recovery: remanufacturing, recycling, re-use, scrap	Strong-H	Strong-H	Strong-H
42	Semester-III	021141301 - PP	T2570	Business Policy and Strategy	60	CO1	Student will be able to understand the nuances of various theoretical concepts in Business Strategy.	Weak-L	Strong-H	Strong-H
42					60	CO2	Student would comprehend and analyse as to how organisations deploy their resources optimally to gain competitive advantage	Weak-L	Strong-H	Strong-H
42					60	CO3	Student will be able to analyse various Industries by applying strategic frameworks.	Weak-L	Strong-H	Strong-H
42					60	CO4	The future managers would be able to craft and Implement strategies customized to Industry requirement	Strong-H	Strong-H	Strong-H
42					60	CO5	Students would be able to understand the ethical Principles & CSR Motives behind corporate strategy.	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3
42					0	CO6		-	-	-
43	Semester-III	021141302 - PP	T2254	Game Theory for Strategic Thinking	60	CO1	Identify strategic situations and represent them as games	Moderate-M	Moderate-M	Strong-H
43					60	CO2	Analyze economic situations using game theoretic techniques	Weak-L	Strong-H	Strong-H
43					60	CO3	Analyze economic situations using game theoretic techniques	Strong-H	Strong-H	Weak-L
43					0	CO4		-	-	-
43					0	CO5		-	-	-
43					0	CO6		-	-	-
44	Semester-III	021141303 - PP	T2911	Summer Internship	60	CO1	To understand the skills required to work in the industry hands-on	Strong-H	Strong-H	Moderate-M
44					60	CO2	To Analyse to real-world problems and solve them	Strong-H	Strong-H	Moderate-M
44					0	CO3		-	-	-
44					0	CO4		-	-	-
44					0	CO5		-	-	-
44					0	CO6		-	-	-
45	Semester-III	021141304 - PP	T2614	Integrated Marketing Communication	60	CO1	Demonstrate understanding of the elements of promotional mix.	Weak-L	Moderate-M	Strong-H
45					60	CO2	Students will gain an understanding of different tools and media vehicles, and their appropriateness in communication mix.	Moderate-M	Moderate-M	Strong-H
45					60	CO3	Our students will be able to analyse the impact of various ways of budgeting and also message strategies on consumers.	Moderate-M	Strong-H	Strong-H
45					60	CO4	Our students will have the ability to prepare quality business documents related to Creative & Media Briefs, Advertising Messages, Blogs and White Papers and present them professionally.	Weak-L	Moderate-M	Strong-H
45					0	CO5		-	-	-
45					0	CO6		-	-	-
46	Semester-III	021141305 - PP	T5088	Sports and Entertainment Marketing	60	CO1	To understand the standpoints of various stakeholders in sports and entertainment and how their perspectives will influence marketing mix at the strategic level.	Strong-H	Moderate-M	Strong-H
46					60	CO2	To analyse the informal structure of the organizations engaged in sport and entertainment marketing and to be aware of how each constituent will be geared towards its respective consumers.	Moderate-M	Strong-H	Strong-H
46					60	CO3	To evaluate various customer segments for various products in sports and entertainment and to understand the unique consumer behavior in each segment.	Strong-H	Weak-L	Strong-H
46					0	CO4		-	-	-
46					0	CO5		-	-	-

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46					0	CO6		-	-	-
47	Semester-III	021141306 - PP	T2121	Customer Relationship Management	60	CO1	Explain and characterize the major concepts and framework of CRM.	Weak-L	Moderate-M	Strong-H
47					60	CO2	Analyze the key drivers using data from observations, experiences and systematic research methods for successful CRM programs.	Strong-H	Strong-H	Strong-H
47					60	CO3	Apply the concepts and tools with other related or unrelated fields to design innovative customer relationship management program.	Strong-H	Strong-H	Strong-H
47					60	CO4	Examine the shift from a product-centric business model to a customer-centric one.	Moderate-M	Strong-H	Strong-H
47					0	CO5		-	-	-
47					0	CO6		-	-	-
48	Semester-III	021141307 - PP	T2152	Business to Business Marketing	60	CO1	Compare and contrast different perspectives that characterize business markets vis-a-vis consumer markets.	-	Weak-L	Strong-H
48					60	CO2	Develop an appreciation for the theory and practice of Business Marketing in India	-	Moderate-M	Strong-H
48					60	CO3	Segment business markets and select target market	-	Strong-H	Strong-H
48					60	CO4	Choose marketing strategies in varied B2B situations.	-	Moderate-M	Strong-H
48					0	CO5		-	-	-
48					0	CO6		-	-	-
49	Semester-III	021141308 - PP	T2141	Rural Marketing	60	CO1	Compare and contrast different perspectives that characterize rural markets vis-a-vis urban markets.	Weak-L	Strong-H	Strong-H
49					60	CO2	Develop an appreciation for the theory and practice of Rural Marketing in India.	Weak-L	Strong-H	Strong-H
49					60	CO3	Identify and describe the challenges faced by organizations to succeed in Rural Markets.	Weak-L	Moderate-M	Strong-H
49					60	CO4	Conduct a rural assessment to know the rural customers.	Weak-L	Strong-H	Strong-H
49					0	CO5		-	-	-
49					0	CO6		-	-	-
50	Semester-III	021141309 - PP	T2304	Consulting Skills in HR	60	CO1	To understand what is consultancy and a consultants role in an organization To know about consultancy in HR process	Strong-H	Strong-H	Strong-H
50					60	CO2	To Understand the skills required to become an HR consultant. To understand different roles of HR consultant.	Strong-H	Moderate-M	Moderate-M
50					60	CO3	To know ethical dimensions associated with the same.	Strong-H	Strong-H	Strong-H
50					60	CO4	To understand different roles of HR consultant	Strong-H	Moderate-M	Moderate-M
50					0	CO5		-	-	-
50					0	CO6		-	-	-

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51	Semester-III	021141310 - PP	T2751	Competency Based Management & Performance Management Systems	60	CO1	Understand the concepts and key constituents of PMS in the business context	Weak-L	Moderate-M	Strong-H
51					60	CO2	Understand Competency based Management & Competency Mapping to carry out Competency Based Recruitment.	Strong-H	Strong-H	Strong-H
51					60	CO3	Understand Competency based Training & Development.	Weak-L	Weak-L	Strong-H
51					0	CO4		-	-	-
51					0	CO5		-	-	-
51					0	CO6		-	-	-
52	Semester-III	021141311 - PP	T2577	HRD Instruments	60	CO1	Experiential learning of theoretical concepts through the exploration of group dynamics	Weak-L	Moderate-M	Strong-H
52					60	CO2	Observe and evaluate behavior of people in the environment through structured paradigms introduced in the classroom.	Moderate-M	Weak-L	Moderate-M
52					60	CO3	Participate in the relevant psychometric tests followed by a detailed analysis of the test items and outputs. Determine the application of the same.	Weak-L	Strong-H	Strong-H
52					0	CO4		-	-	-
52					0	CO5		-	-	-
52					0	CO6		-	-	-
53	Semester-III	021141312 - PP	T2297	HRD Audit and Scorecard	60	CO1	Have a general awareness of the concepts of HRD audit for evaluating Human Resourced function for Business Improvement.	Weak-L	Strong-H	Strong-H
53					60	CO2	Apply their understanding for designing HRD Structure, Strategies and Systems.	Strong-H	Strong-H	Strong-H
53					60	CO3	Aligning HR function with business goals and strategies and thereby making HR a strategic partner in Business.	Strong-H	Strong-H	Strong-H
53					60	CO4	Analyzing the intricacies of creating and implementing HR score card.	Strong-H	Strong-H	Strong-H
53					0	CO5		-	-	-
53					0	CO6		-	-	-
54	Semester-III	021141313 - PP	T2636	Cross Cultural Management	60	CO1	Have a general awareness of the existence of various communication across cultures. Understand the fundamentals of global business etiquette.	Moderate-M	Strong-H	Moderate-M
54					60	CO2	Apply their understanding of cultural and institutional differences to evaluate the challenges and opportunities of managing and doing business in different countries.	Moderate-M	Strong-H	Strong-H
54					60	CO3	Analyzing the perception of people and events across cultures.	Moderate-M	Strong-H	Strong-H
54					60	CO4	Negotiations and conflict resolutions.	Moderate-M	Moderate-M	Moderate-M
54					0	CO5		-	-	-
54					0	CO6		-	-	-

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55	Semester-III	021141314 - PP	T2188	Advanced Service Operations Management	60	CO1	Contrast and compare operations in manufacturing Vs service operations	Weak-L	Weak-L	Strong-H
55					60	CO2	Critically analyze issues in service design & service supply chain.	Strong-H	Strong-H	Strong-H
55					60	CO3	Use service Techniques to analyze the data for business decision making in operations.	Strong-H	Strong-H	Moderate-M
55					60	CO4	Forecast the trend data for business planning in service operations.	Strong-H	Strong-H	Moderate-M
55					0	CO5		-	-	-
55					0	CO6		-	-	-
56	Semester-III	021141315 - PP	T2731	Business Process Management	60	CO1	To make them understand basic elements of business processes and optimizing business process how business processes can help improve their companys bottom line.	Moderate-M	Strong-H	Strong-H
56					60	CO2	To expose the student to business process focus, the essential steps for process management, and the critical success factors for making the effort successful.	Strong-H	Moderate-M	Moderate-M
56					60	CO3	To help the student Understand strategic business alignment with processes, including an introduction to business architecture. Learn how re-engineering/management models works with different methodologies, including Lean and Six Sigma.	Moderate-M	Strong-H	Strong-H
56					60	CO4	To equip student with Process Re-engineering, Process Improvement, value stream mapping techniques. To help the student understand what the new Business Process Management technologies are and how they can leverage other BPM efforts.	Weak-L	Moderate-M	Strong-H
56					60	CO5	To acquire the mindset of process thinking to solve business problems appreciation of the various activities involved in planning and executing a typical BPM life cycle for continuous improvement of organizational performance.	Strong-H	Strong-H	Strong-H
56					0	CO6		-	-	-
57	Semester-III	021141316 - PP	T2172	Logistics Management	60	CO1	Students gain an understanding of logistics principles, its position in supply chain and customer service.	Weak-L	Strong-H	Moderate-M
57					60	CO2	Students will understand key functions performed by the logistics dept. or companies such as packing, warehousing, value added services like co-packing, consolidation, transportation, ports, distribution and inventory control, cold storages refer containerization, Air logistics etc.	Strong-H	Strong-H	Strong-H
57					60	CO3	Students will understand Logistics documentation & Processes for local distribution and EXIM policies aligning to national and international trade. Through guest lecture by industry experts in import - export process.	Strong-H	Strong-H	Strong-H
57					60	CO4	Students will learn logistics network optimization techniques by solving practical problems.	Strong-H	Strong-H	Strong-H
57					60	CO5	Students learn to demonstrate application of various tools and techniques in real life / simulated logistics processes such as distribution, networking, multi-modal transport system, insurance, usage of technology in logistics, sustainable practices and strategic approaches	Moderate-M	Moderate-M	Moderate-M
57					0	CO6		-	-	-
58	Semester-III	021141317 - PP	T2844	Sustainable Manufacturing Operations	60	CO1	About world-class sustainable manufacturing (WCSM) framework, the drivers of sustainable manufacturing or sustainable manufacturing practices.	Weak-L	Weak-L	Strong-H

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58					60	CO2	Level of process management which includes pollution control, waste emissions, carbon footprints, etc. recognizes that a business is connected to ecological and social systems.	Strong-H	Strong-H	Strong-H
58					60	CO3	The role of holistic production systems (i.e. TQM, TPM and JIT), which have significant impacts on sustainable manufacturing implementation.	Strong-H	Strong-H	Strong-H
58					60	CO4	Learn the Life Cycle Assessment of products and decision making on sustainability.	Moderate-M	Strong-H	Strong-H
58					60	CO5	Students will be able to analyze sustainability of processes, manufacturing, material, and energy in operations.	Strong-H	Strong-H	Strong-H
58					0	CO6		-	-	-
59	Semester-III	021141318 - PP	T2076	Advanced Technical Analysis	60	CO1	Dow theory and charts	-	Strong-H	Strong-H
59					60	CO2	Charting tools and apply them for reward protecting against the market risk	-	Strong-H	Strong-H
59					60	CO3	Techniques to analyse the chart patterns	-	Strong-H	Strong-H
59					60	CO4	Trading behavior in better trading techniques	-	Strong-H	Strong-H
59					60	CO5	Trading and investment strategies in the financial markets	-	Strong-H	Strong-H
59					0	CO6		-	-	-
60	Semester-III	021141319 - PP	T2014	Derivative Markets	60	CO1	To learn features, functions, valuation of forward contracts.	-	Strong-H	Strong-H
60					60	CO2	To know mechanics, properties, participants, purpose, functions and valuation of futures contract	-	Strong-H	Strong-H
60					60	CO3	To learn mechanics, properties and participants in options and trading strategies using options.	-	Strong-H	Strong-H
60					60	CO4	To design framework for currency risk management and VaR.	-	Strong-H	Strong-H
60					0	CO5		-	-	-
60					0	CO6		-	-	-
61	Semester-III	021141320 - PP	T2051	Financial Modeling	60	CO1	To use Basic excel functions related to finance area.	-	Weak-L	Moderate-M
61					60	CO2	To use advanced tools like macros, goal seek, solver functions of excel that help bring more automation and sophistication to the models	Moderate-M	Strong-H	Strong-H
61					60	CO3	To build and validate financial models in the areas of accounting, corporate finance and security analysis & portfolio management.	Strong-H	Strong-H	Strong-H
61					0	CO4		-	-	-
61					0	CO5		-	-	-
61					0	CO6		-	-	-
62	Semester-III	021141321 - PP	T2043	Security Analysis and Portfolio Management	60	CO1	Develop an understanding of the concepts of investments and portfolio management.	-	Moderate-M	Strong-H

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62					60	CO2	Understanding the concepts of Fundamental and Technical Analysis	Strong-H	Strong-H	Strong-H
62					60	CO3	Gain insights into the decision making process of choosing an optimal portfolio	Weak-L	Moderate-M	Moderate-M
62					60	CO4	Gain insights into the evaluation methods of portfolios.	Weak-L	Moderate-M	Strong-H
62					0	CO5		-	-	-
62					0	CO6		-	-	-
63	Semester-III	021141322 - PP	T2502	Wealth Management	60	CO1	To learn Key Drivers of Wealth Management	Moderate-M	Strong-H	Strong-H
63					60	CO2	To learn Process of Wealth Management	Moderate-M	Strong-H	Strong-H
63					60	CO3	To learn principles of asset allocation and to design framework for Personal Financial Planning	Strong-H	Strong-H	Strong-H
63					60	CO4	To know behavioral skills of wealth manager and marketing of financial products	Strong-H	Moderate-M	Moderate-M
63					0	CO5		-	-	-
63					0	CO6		-	-	-
64	Semester-III	021141323 - PP	T2136	Sales Force and Channel Management	60	CO1	Students will remember and understand sales and distribution practices	Strong-H	Moderate-M	Strong-H
64					60	CO2	Students will be able to apply various tools and strategies necessary for designing, motivating and evaluating sales & distribution management systems	Strong-H	Moderate-M	Strong-H
64					60	CO3	Students will be critically evaluating skills necessary for sales and distribution functions	Strong-H	Moderate-M	Strong-H
64					0	CO4		-	-	-
64					0	CO5		-	-	-
64					0	CO6		-	-	-
65	Semester-III	021141324 - PP	T2143	Services Marketing	60	CO1	Compare & contrast between marketing physical products and intangible services, including dealing with the extended services marketing mix	Weak-L	Weak-L	Strong-H
65					60	CO2	An appreciation for the challenges facing the services marketing in traditional commercial marketing, e-marketing and non-commercial environments	Strong-H	Strong-H	Moderate-M
65					60	CO3	Identify the challenges faced in services delivery as outlined in the services gap model and manage service solutions that benefit various stakeholders through service-profit chain	Strong-H	Strong-H	Strong-H
65					0	CO4		-	-	-
65					0	CO5		-	-	-
65					0	CO6		-	-	-
66	Semester-III	021141325 - PP	T2298	Coaching, Counseling and Mentoring	60	CO1	To explain what we mean by coaching and mentoring and how they can support learning.	Strong-H	Strong-H	Strong-H
66					60	CO2	To practice a range of foundation coaching skills.	Strong-H	Moderate-M	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3
66					60	CO3	To analyze and evaluating self-awareness of one's own emotional state and its impact on interactions.	Strong-H	-	Moderate-M
66					60	CO4	To debate methods and styles of coaching, counselling and mentoring to improve individual performance.	Moderate-M	-	Strong-H
66					0	CO5		-	-	-
66					0	CO6		-	-	-
67	Semester-III	021141326 - PP	T2304	Consulting Skills in HR	60	CO1	To understand what is consultancy and a consultants role in an organization To know about consultancy in HR process	Strong-H	Strong-H	Strong-H
67					60	CO2	To Understand the skills required to become an HR consultant To understand different roles of HR consultant	Strong-H	Moderate-M	Strong-H
67					60	CO3	To know ethical dimensions associated with the same.	Strong-H	Strong-H	Strong-H
67					0	CO4		-	-	-
67					0	CO5		-	-	-
67					0	CO6		-	-	-
68	Semester-III	021141327 - PP	T2193	Project Management	60	CO1	Students should be able to understand the principles and actions for best practice in project management	Strong-H	Strong-H	Strong-H
68					60	CO2	Students should be able to understand and use some of the main project management tools, including CPM, PERT, Gantt Charts create from a Project description and definition.	Strong-H	Strong-H	Strong-H
68					60	CO3	Students should understand the relationship between Quality, Cost and Time for a project	Strong-H	Strong-H	Strong-H
68					60	CO4	Students should understand the fundamentals of feasibility, planning & scheduling, resource allocation, cost estimating & budgeting, risk management, project organization and quality, as applied to project management	Strong-H	Strong-H	Strong-H
68					0	CO5		-	-	-
68					0	CO6		-	-	-
69	Semester-III	021141328 - PP	T2827	Supply Chain Management	60	CO1	At end of the Course the student will be able to Master the main objectives of a successful supply chain manager.	Strong-H	Moderate-M	Strong-H
69					60	CO2	Learn how to develop a more effective supply chain to improve profitability	Moderate-M	Strong-H	Moderate-M
69					60	CO3	Foster an understanding of supply chain management's major challenges and trends	Strong-H	Moderate-M	Strong-H
69					60	CO4	Learn how to use logistics when you're making decisions	Weak-L	Moderate-M	Moderate-M
69					60	CO5	Become comfortable with the main supply chain manager systems for proper implementation	Strong-H	Moderate-M	Moderate-M
69					0	CO6		-	-	-
70	Semester-III	021141329 - PP	T2015	Introduction to Financial Markets and Institutions	60	CO1	To understand Indian Financial System	-	Weak-L	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3
70					60	CO2	To know structure and the way financial markets operate.	Moderate-M	Moderate-M	Moderate-M
70					60	CO3	To have in depth knowledge of NBFCs and Indian Banking System	Weak-L	Moderate-M	Moderate-M
70					60	CO4	To understand the structure and functions of Regulators in Indian Financial System	Strong-H	Strong-H	Strong-H
70					0	CO5		-	-	-
70					0	CO6		-	-	-
71	Semester-III	021141330 - PP	T2009	Banking Operations	60	CO1	Develop an understanding of the basics of Banking	-	Moderate-M	Moderate-M
71					60	CO2	To understand the various types of services offered by Banks	Strong-H	Strong-H	Strong-H
71					60	CO3	Gain insights into the regulatory norms for carrying out Banking operations	Weak-L	Moderate-M	Moderate-M
71					0	CO4		-	-	-
71					0	CO5		-	-	-
71					0	CO6		-	-	-
72	Semester-IV	021141401 - PP	T2236	Corporate Governance and Ethics	60	CO1	To develop an in-depth understanding of concepts pertaining to Corporate Governance	Weak-L	Strong-H	Moderate-M
72					60	CO2	To analyse different ethical problems and issues involved in contemporary business	Weak-L	Strong-H	Strong-H
72					60	CO3	To apply moral reasoning in business decision making	Strong-H	Strong-H	Strong-H
72					0	CO4		-	-	-
72					0	CO5		-	-	-
72					0	CO6		-	-	-
73	Semester-IV	021141402 - PP	T2661	Innovation Lab I	60	CO1	To develop an orientation towards innovation and creativity	Moderate-M	Moderate-M	Moderate-M
73					60	CO2	To develop an in-depth understanding of concepts and models pertaining to conceptualizing & implementing innovation. To validate innovation by predicting diffusion and gauging acceptability through market research.	Strong-H	Strong-H	Strong-H
73					60	CO3	To develop insight into the process of building 'culture of innovation'	Moderate-M	Weak-L	Strong-H
73					60	CO4	To analyze reasons of success or failure in innovations	Moderate-M	Moderate-M	Strong-H
73					0	CO5		-	-	-
73					0	CO6		-	-	-
74	Semester-IV	021141403 - PP	T2153	International Marketing	60	CO1	Student will have theoretical clarity on various principles of International Marketing.	Weak-L	Strong-H	Strong-H
74					60	CO2	Student will be able to analyze the International Business Environment & appreciate the potential and challenges of entering into International Markets.	Moderate-M	Strong-H	Strong-H
74					60	CO3	Student will be able to independently carry out preparation of Export & Import Documents.	Moderate-M	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3
74					0	CO4		-	-	-
74					0	CO5		-	-	-
74					0	CO6		-	-	-
75	Semester-IV	021141404 - PP	T2821	Marketing Metrics	60	CO1	Describe the key metrics that marketing departments use to measure their performance.	-	Moderate-M	Strong-H
75					60	CO2	Demonstrate how the marketing metrics and related aspects impact operations of various companies in certain industries.	Weak-L	Strong-H	Strong-H
75					0	CO3		-	-	-
75					0	CO4		-	-	-
75					0	CO5		-	-	-
75					0	CO6		-	-	-
76	Semester-IV	021141405 - PP	T2295	Strategic Human Resource Management	60	CO1	Understanding the necessity of transition from HRM to SHRM	Moderate-M	Strong-H	Strong-H
76					60	CO2	Develop critical thinking skills in analyzing theoretical and applied perspectives and approaches of Strategic HRM.	Strong-H	Strong-H	Moderate-M
76					60	CO3	Enabling the students to appreciate utility of SHRM framework for organizational growth through case study discussion and various pedagogical tools.	Strong-H	Strong-H	Strong-H
76					60	CO4	Understanding the actual practices & implementation of Strategic HR in the VUCA world of today.	Strong-H	Strong-H	Strong-H
76					0	CO5		-	-	-
76					0	CO6		-	-	-
77	Semester-IV	021141406 - PP	T2303	Empirical Research in Human Resource Management	60	CO1	To understand the concept, importance and usefulness of empirical research	-	Weak-L	Moderate-M
77					60	CO2	To make them understand different methodologies for carrying out empirical research in HRM	-	Moderate-M	Strong-H
77					60	CO3	To learn the application of research methods and analytical tools in the area of HR.	Weak-L	Strong-H	Strong-H
77					60	CO4	To understand the modus operandi of publishing a paper based on empirical data in the HR domain.	Weak-L	Strong-H	Strong-H
77					0	CO5		-	-	-
77					0	CO6		-	-	-
78	Semester-IV	021141407 - PP	T2189	Operations Strategy and Control	60	CO1	To develop an insight to concepts, principles and techniques of Operations strategy	-	Weak-L	Strong-H
78					60	CO2	To relate operations strategy concepts and techniques to apply for decision making.	Strong-H	Strong-H	Weak-L
78					60	CO3	To appraise operations strategy information for analysis evaluation & interpretation	Strong-H	Strong-H	Weak-L

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78					0	CO4		-	-	-
78					0	CO5		-	-	-
78					0	CO6		-	-	-
79	Semester-IV	021141408 - PP	T2192	Technology and Innovation Management	60	CO1	To provide an overview of management of technology in industry and its importance to the organization.	Strong-H	Moderate-M	Strong-H
79					60	CO2	To discuss effective management of product & process innovation for productivity and profit maximization	-	Moderate-M	Strong-H
79					60	CO3	To discuss critical issues in innovation management.	Moderate-M	Strong-H	Strong-H
79					0	CO4		-	-	-
79					0	CO5		-	-	-
79					0	CO6		-	-	-
80	Semester-IV	021141409 - PP	T2773	Bank Risk Management	60	CO1	To help student understand relevant theoretical concepts strategies in International Marketing	Strong-H	Strong-H	Moderate-M
80					60	CO2	To help student analyze and apply various modes of entry into global markets.	Moderate-M	-	Moderate-M
80					60	CO3	To Familiarize the students with the nuances of Export Procedure and Documentation and related issues	-	Moderate-M	Moderate-M
80					0	CO4		-	-	-
80					0	CO5		-	-	-
80					0	CO6		-	-	-
81	Semester-IV	021141410 - PP	T2073	International Finance	60	CO1	To Understand theoretical and practical overview of International Finance	Moderate-M	Moderate-M	Strong-H
81					60	CO2	To learn theories of determination of foreign exchange rate and to assess foreign exchange rate risk elements, its quantification and mitigation.	Strong-H	Strong-H	Strong-H
81					60	CO3	To know international sources of short term and long term financing and to know avenues and assessment/evaluation of investments into foreign market.	Strong-H	Strong-H	Strong-H
81					60	CO4	To evaluate regulatory aspects related to global reporting and controlling practices.	-	Strong-H	Strong-H
81					0	CO5		-	-	-
81					0	CO6		-	-	-
82	Semester-IV	021141411 - PP	T2237	Corporate Social Responsibility	60	CO1	Enable students appreciate the scope and complexity of corporate social responsibility.	Strong-H	Strong-H	Moderate-M
82					60	CO2	Help students understand the relation between corporate strategy and CSR and the impact on goals of business organizations.	Strong-H	Strong-H	Strong-H
82					60	CO3	To equip managers of today's world with emerging opportunities and challenges in the domain of CSR within corporate context by linking the micro context to that of macro context in a state and global context.	Strong-H	Strong-H	Moderate-M

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82					0	CO4		-	-	-
82					0	CO5		-	-	-
82					0	CO6		-	-	-

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Management graduates should be able to comprehend, organize and solve complex business problems using the resources available at their discretion.
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Management graduates should create, select and apply advanced technologies related to latest management and information technology tools with quantitative and qualitative techniques to solve business related issues
3	GA1	Scholarship: research, inquiry and lifelong learning	PO3	Management graduates should be able to apply their viewpoint in the management field of study to develop fully motivated opinions on contemporary issues such as the need for innovation, integrity, leadership and change management, globalization and technology management
4	GA2	Global citizenship: ethical, social and professional understanding	PO4	Management graduates should improve the entrepreneurial ability to provide innovative solutions to the need of humanity
5	GA2	Global citizenship: ethical, social and professional understanding	PO5	Management graduates should analyze the environmental, social, political, technological, environmental, health, safety, sustainability and legal context of business
6	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO6	Management graduates should be able to communicate effectively with society and they should be able to comprehend and write effective reports & present properly
7	GA3	Eco-literate: sensitivity towards a sustainable environment	PO7	Management graduates should focus on team bonding & value based leadership ability
8	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO8	Management graduates should have the ability to work intelligently, individually and as a team, using techniques such as case analysis, projects and assignments.
9	GA3	Eco-literate: sensitivity towards a sustainable environment	PO9	Management graduates should evaluate and integrate ethical considerations into decision-making

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
1	SEM I	021241101 - PP	T2036	Financial Management	60	CO1	To Appraise the emerging role of financial system constituents in financing and investment decision of firms.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
1					60	CO2	To assess the relationship between long term investment decisions. Dividend decisions and value of firm.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H

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1					60	CO3	To estimate the relationship between the short term financing and working capital decisions on the profitability of firm.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	
1					60	CO4	To evaluate the corporate financial decision taken at the firm level and its impact on enhancing the value of firm.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	
1					0	CO5		-	-	-	-	-	-	-	-	-	
1					0	CO6		-	-	-	-	-	-	-	-	-	
2	SEM I	021241102 - PP	T2280	Human Resource Management	60	CO1	To demonstrate the concept, functions, scope and techniques utilized in Human resource management for application of these techniques for efficient manpower planning.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
2					60	CO2	To illustrate the evolution of Human resource management and explain the duties and responsibilities of Human resource managers and outline the constraints and opportunities associated with managing employees coming from various socio-economic backgrounds.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	

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3					60	CO3	To understand the concept of value in the context of marketing.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M
3					60	CO4	To understand the marketing strategies of companies.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M
3					0	CO5		-	-	-	-	-	-	-	-	-
3					0	CO6		-	-	-	-	-	-	-	-	-
4	SEM I	021241104 - PP	T2186	Operations Management	60	CO1	The student manager will be able to explain the concept of Operations Management, Operations Strategy, Processes and technology in operation and the designs for product and services.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
4					60	CO2	Given a facility establishment for a product or a service, the student manager will be able to identify / enlist the factors that affect the facility location decisions and identify and / or design the layout for the same.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M
4					60	CO3	The student manager will be able to describe the procurement activities in operation and explain job design and work measurement.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M

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4					60	CO4	The student manager will be able to explain the concept of Quality, quality management and SQC, differentiate between cause of variation and control charts for variables and attributes.	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M
4					60	CO5	The student manager will be able to understand explain and analyze JIT, lean and agile manufacturing and other emerging concepts like TOC, TPM, Service operations, etc.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L
4					0	CO6		-	-	-	-	-	-	-	-	Moderate-M
5	SEM I	021241105 - PP	T6076	Microeconomics	60	CO1	To develop the understanding of economic and business problems at micro- economic level.	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
5					60	CO2	To apply and analyze the concepts of microeconomics from producers and consumers perspective in the practical world.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M
5					60	CO3	To determine, assess and apply the optimization techniques in the business decision making.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M

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5					60	CO4	To plan like a firm, and design and formulate best strategies for their products/ services in the market.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M
5					0	CO5		-	-	-	-	-	-	-	-	-
5					0	CO6		-	-	-	-	-	-	-	-	-
6	SEM I	021241106 - PP	T2216	Business Statistics	60	CO1	To develop an understanding of data, organize and make use of data to understand businesses.	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
6					60	CO2	To examine and analyze data to solve business problems using large datasets.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L
6					60	CO3	To interpret the results of univariate and multivariate statistical techniques and use it for the purpose of prediction.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L
6					0	CO4		-	-	-	-	-	-	-	-	-
6					0	CO5		-	-	-	-	-	-	-	-	-
6					0	CO6		-	-	-	-	-	-	-	-	-
7	SEM I	021241107 - PP	T3154	Data Driven Decision Making	60	CO1	To understand the Business DATA at Managers Desk	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
7					60	CO2	To use features of Excel for getting quick and reliable Business Reports	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
7					60	CO3	To analyze Data for Reporting to Higher Authorities	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H

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7					60	CO4	To learn to Create the Dashboards for Dynamic Business Decision	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
7					0	CO5		-	-	-	-	-	-	-	-	-
7					0	CO6		-	-	-	-	-	-	-	-	-
8	SEM I	021241108 - PP	T2003	Financial Accounting	60	CO1	Given the companies data student should be able to demonstrate and apply the accounting concepts.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L
8					60	CO2	Given the annual reports of the companies students should be able to interpret and evaluate the performance of companies.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L
8					60	CO3	Given the data of the companies, students to should able to valuate depreciation and inventory.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L
8					60	CO4	Given the data of the companies, students to should able to Prepare final accounts of the business.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L
8					0	CO5		-	-	-	-	-	-	-	-	-
8					0	CO6		-	-	-	-	-	-	-	-	-
9	SEM I	021241109 - PP	T2225	Research Methodology	60	CO1	Developing the understanding on various kinds of research, objectives of doing research, research process and the purpose of using literature reviews	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L

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11	SEM I	021241111 - PP	T3531	R Programming	60	CO1	To apply the basic functions of R in mathematical, string and logical implementations in the data.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
11					60	CO2	To chooses and mark the appropriate the visualizations of data using ggplots.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
11					60	CO3	To evaluate the informed decisions in management using the data management methods in R	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
11					60	CO4	To analyze and assess the decisions taken on the basis of data management and visualization using R.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
11					0	CO5		-	-	-	-	-	-	-	-	-
11					0	CO6		-	-	-	-	-	-	-	-	-
12	SEM I	021241112 - PP	T2136	Sales Force and Channel Management	60	CO1	Understanding of domestic and global sales and distribution practices.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
12					60	CO2	Understanding of tools and techniques for designing and evaluating sales force and channel management systems.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
12					60	CO3	Understanding of managing and optimizing sales force.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
12					60	CO4	Understanding of channel management.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H

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12					0	CO5		-	-	-	-	-	-	-	-	-
12					0	CO6		-	-	-	-	-	-	-	-	-
13	SEM I	021241113 - PP	T2888	Consumer Behaviour and Insights	60	CO1	Demonstrating how knowledge of consumer behavior can be applied in marketing as well as the buying process of consumers	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
13					60	CO2	Understanding the consumption patterns of consumers related to brand and customer loyalty	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
13					60	CO3	Identifying the market dynamics and consumer group differences related to social class, family and group influences	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
13					60	CO4	Predicting the behavior of the consumers with diffusion of innovation, satisfaction, decision making and post purchase evaluation	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
13					60	CO5	Describing the market responses related to price, promotion and word of mouth	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
13					0	CO6		-	-	-	-	-	-	-	-	-
14	SEM I	021241114 - PP	T2638	Labour Laws	60	CO1	Student will be able to relate and interpret the evolution of labor laws in light of the Constitution of India.	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
14					60	CO2	Student will be able to analyze and apply the knowledge of laws relating to labor welfare and working conditions.	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
14					60	CO3	Student will be able to analyze and apply the knowledge of laws relating to industrial relations.	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
14					60	CO4	Student will be able to analyze and apply the knowledge of legislation relating to social security.	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
14					0	CO5		-	-	-	-	-	-	-	-	-
14					0	CO6		-	-	-	-	-	-	-	-	-
15	SEM I	021241115 - PP	T2284	Learning and Development	60	CO1	To illustrate the significance of learning organizations and implementation of training and development techniques.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO2	To build students knowledge about the various styles and principles of learning and demonstrate their importance in organizational development process.	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
15					60	CO3	To develop students understanding of how to design training program and critically analyze various training evaluation models.	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L
15					60	CO4	To explain the influence of technological advancements on training and learning strategies and identifying how to utilize these advancements for developing efficient training design.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
15					0	CO5		-	-	-	-	-	-	-	-	-
15					0	CO6		-	-	-	-	-	-	-	-	-
16	SEM I	021241116-PP	T2611	Financial Econometrics	60	CO1	To analyze and interpret the existence of stationarity in time series data for univariate and multivariate modelling.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L
16					60	CO2	To estimate the model validity and interdependencies for time series forecasting using multiple time series.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L
16					60	CO3	To compare the theories pertaining to contagion effect and forecasting the stock market movements.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
16					60	CO4	To analyze and evaluate the various econometric modelling techniques in empirical finance.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L
16					0	CO5		-	-	-	-	-	-	-	-	-
16					0	CO6		-	-	-	-	-	-	-	-	-
17	SEM I	021241117 - PP	T2015	Introduction to Financial Markets and Institutions	60	CO1	Given a corporate situation, student will be able to evaluate the basics of financial markets.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
17					60	CO2	Given a corporate situation, student will be able to define, demonstrate, apply, analyze and evaluate the basics of financial institutions	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
17					60	CO3	Given the annual reports of Banks, student will be able to examine and comment on the Performance of Indian commercial banks	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
17					60	CO4	Given the data of stock market students will be able to measure the growth of economies.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
17					0	CO5		-	-	-	-	-	-	-	-	-
17					0	CO6		-	-	-	-	-	-	-	-	-
18	SEM I	021241118 - PP	T2174	Materials Management	60	CO1	Students will be able to explain materials management concepts and its relevance in supply chains	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
18					60	CO2	Student will be able to explain different concepts related to aggregate production planning such as SOP,MRP, JIT, JIS	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M
18					60	CO3	Students will be able to solve problems related to inventory management such as EOQ, Inventory Cost etc., and vendor performance in materials management	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M
18					60	CO4	Students will be able to understand the basic concepts of warehouse management and stock management	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M
18					0	CO5		-	-	-	-	-	-	-	-	-
18					0	CO6		-	-	-	-	-	-	-	-	-
19	SEM I	021241119-PP	T2163	Quality Management	60	CO1	Given a product or a service type, the students manager will be able to enumerate and justify the dimensions of quality	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H
19					60	CO2	Given a quality problem / defective item analysis, the student manager will be able to implement / sketch and analyze the appropriate quality control tool	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
21	SEM I	021241121-PP	T2729	Indian Ethos and Values for Management	0	CO1		-	-	-	-	-	-	-	-	-
21					0	CO2		-	-	-	-	-	-	-	-	-
21					0	CO3		-	-	-	-	-	-	-	-	-
21					0	CO4		-	-	-	-	-	-	-	-	-
21					0	CO5		-	-	-	-	-	-	-	-	-
21					0	CO6		-	-	-	-	-	-	-	-	-
22	SEM I	021241122-PP	T2626	Indian Film Industry: A Business Perspective	0	CO1		-	-	-	-	-	-	-	-	-
22					0	CO2		-	-	-	-	-	-	-	-	-
22					0	CO3		-	-	-	-	-	-	-	-	-
22					0	CO4		-	-	-	-	-	-	-	-	-
22					0	CO5		-	-	-	-	-	-	-	-	-
22					0	CO6		-	-	-	-	-	-	-	-	-
23	SEM II	021241201-PP	T2279	Organizational Behaviour	60	CO1	Student will be able to identify basic concepts related to behaviour and analyse individual factors like - perception, personality, abilities, values and attitude - affecting human behaviour.	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
23					60	CO2	Student will be able to interpret and assess the impact of learning on motivation and managing emotions and stress in employees	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
23					60	CO3	Student will be able to analyse and elaborate on the group and team dynamics. and formulate the role of leadership in team development	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M
23					60	CO4	Student will be able to evaluate the dynamics of power and politics and develop art of conflict management.	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
23					60	CO5	Student will be able to predict the impact of organization culture and climate on organizational behaviour and apply the knowledge about organizational behaviour, culture and climate to manage change in organizations.	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
23					0	CO6		-	-	-	-	-	-	-	-	-
24	SEM II	021241202 - PP	T6073	Macroeconomics	60	CO1	To explain the concepts, theories and issues of Macroeconomics and related aggregates	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
24					60	CO2	To enable students to understand, formulate, measure, summarize and analyze economic data	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
26					60	CO5	The learner will be able to identify various forms of companies, explain the roles of Directors of Companies and summaries the provisions of Indian Companies Act with respect to MoA and AoA.	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
26					60	CO6	The learner will be able to demonstrate knowledge of means available in law for protection of Intellectual Property Rights.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
26					60	CO7	The learner will be able to identify various offences under the IT Act, 2000.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
27	SEM II	021241205 - PP	T2777	Management Accounting	60	CO1	Given the Corporate financial statements, student should be able to analyze and interpret the financial information using managerial accounting tools.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L
27					60	CO2	Given the Corporate financial statements, students should be able to make use of decision making tools and techniques under different business scenarios	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
32					0	CO6		-	-	-	-	-	-	-	-	-
33	SEM II	021241211 - PP	T2127	Integrated Marketing Communication	60	CO1	Develop understanding of marketing communication process and models	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
33					60	CO2	Compare and chose different elements of marketing communication mix	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
33					60	CO3	Examine the scenarios and able to develop marketing communication plan	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
33					60	CO4	Developing ability to compose creative and media strategy	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
33					0	CO5		-	-	-	-	-	-	-	-	-
33					0	CO6		-	-	-	-	-	-	-	-	-
34	SEM II	021241212 - PP	T2141	Rural Marketing	60	CO1	Understanding the knowledge of rural marketing with economy, environment and behavior of the consumers	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
34					60	CO2	Describing the rural market research, marketing mix and STP	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
34					60	CO3	Identifying the role of rural communication and future direction towards rural marketing	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M

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38	SEM II	021241216 - PP	T2283	Talent Management	60	CO1	Student will be able to diagnose and conceptualize about managing talent in organizations.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
38					60	CO2	Student will be able to design and develop methods for establishing talent pipeline in organizations.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
38					60	CO3	Student will be able to determine, analyse and develop employee competencies.	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
38					60	CO4	Student will be able to analyse, develop and apply the talent management concepts to employee engagement and motivation.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
38					0	CO5		-	-	-	-	-	-	-	-	-
38					0	CO6		-	-	-	-	-	-	-	-	-
39	SEM II	021241217 - PP	T2045	Corporate Valuation	60	CO1	Determine the value of company using the approaches such as DCF, FCFE, DDM, Cost of Capital, APV and relative valuation models.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
39					60	CO2	Determine the value companies in the scenario of converting in to public company, mergers and acquisitions and illiquidity.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
41	SEM II	021241219 - PP	T2043	Security Analysis and Portfolio Management	60	CO1	To evaluate the stock performance based on fundamental and technical analysis.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
41					60	CO2	To analyse the theories pertaining to portfolio management that explains the risk-return relationship.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
41					60	CO3	To create and evaluate the portfolio based on risk-return relationship	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
41					60	CO4	To suggest the appropriate portfolio based on risk-appetite of an investor in financial markets.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
41					0	CO5		-	-	-	-	-	-	-	-	-
41					0	CO6		-	-	-	-	-	-	-	-	-
42	SEM II	021241220 - PP	T2527	Logistics Management	60	CO1	Students will be able to explain the fundamental concepts of logistic Operations	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
42					60	CO2	Students will be able to determine various critical factors for designing the logistic network	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
42					60	CO3	Students will be able to explain sea port, airport, marine operations planning and scheduling	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L

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42					60	CO4	Student will be able to design performance measurement system for various logistics networks.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
42					0	CO5		-	-	-	-	-	-	-	-	-
42					0	CO6		-	-	-	-	-	-	-	-	-
43	SEM II	021241221 - PP	T2187	Service Operations Management	60	CO1	Students will be able to explain the fundamental concepts of Service Operations Management	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
43					60	CO2	Students will be able to determine various factors in structuring the services operations.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
43					60	CO3	Students will be able to explain the service quality management	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
43					60	CO4	Student will be able to use different models related to waiting time management	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M
43					0	CO5		-	-	-	-	-	-	-	-	-
43					0	CO6		-	-	-	-	-	-	-	-	-
44	SEM II	021241222 - PP	T2177	Supply Chain Risk and Reliability Management	60	CO1	The student manager will be able to review the supply chain risk management process	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
44					60	CO2	The student manager will be able to analyze the problems and challenges with supply chain risk management	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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44					60	CO3	The student manager will be able to create and design a reliable Supply chain	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
44					60	CO4	The student manager will be able to prepare business continuity plans in view of SCM risks	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
44					0	CO5		-	-	-	-	-	-	-	-	-
44					0	CO6		-	-	-	-	-	-	-	-	-

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Acquire and apply digital and telecom technologies, economics, finance, statistics, marketing fundamentals to solve complex business problems
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Identify, formulate, conduct literature search and analyze complex business problems
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	Design innovative solutions for complex business problems that meet specified needs of industry and society at large.
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	Utilize research-based knowledge and research methods to investigate business problems
5	GA1	Scholarship: research, inquiry and lifelong learning	PO5	Select, and apply appropriate techniques, resources, and modern computational tools to solve business problems with an understanding of the assumptions and limitations.
6	GA1	Scholarship: research, inquiry and lifelong learning	PO6	Demonstrate professional ethical principles, responsibilities and commit to norms of ethical management practice
7	GA3	Eco-literate: sensitivity towards a sustainable environment	PO7	Work effectively as an individual, a team member or a leader in diverse and multi-disciplinary settings
8	GA1	Scholarship: research, inquiry and lifelong learning	PO8	Communicate effectively on business activities and give clear presentation to all stakeholders
9	GA1	Scholarship: research, inquiry and lifelong learning	PO9	Demonstrate ability to manage projects in multidisciplinary environments using management principles as a team member/lender to satisfy stakeholders requirements
10	GA1	Scholarship: research, inquiry and lifelong learning	PO10	Recognize the need for, and have ability to engage in independent and life-long learning in the context of ever-changing technology.

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1	SEM I	020542101 - PP	T2239	Business Communication	60	CO1	The students must understand the importance of communication & its criticality in achieving success	-	-	Strong-H	-	-	-	-	Strong-H	Strong-H	-
1					60	CO2	The students must be able to identify the barriers in communication & overcome them effectively	Moderate-M	-	-	-	-	-	-	-	-	Strong-H
1					60	CO3	The students must know the different types of emails & be able to write a good sample mail on the given topic. Also conduct effective meetings & be able to handle human dynamics every time	-	-	-	-	-	-	-	Strong-H	Strong-H	-
1					60	CO4	Conducting effective meetings & being able to handle human dynamics every time	-	-	-	-	-	-	Strong-H	-	Moderate-M	-

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4					65	CO4	To design robust and stable information systems and to understand various hardware and software technologies that build up the system	-	-	-	-	Strong-H	-	-	-	-	-
4					60	CO5	To understand the role of various frameworks that contributes towards development of durable systems	-	-	-	-	Strong-H	-	-	-	-	Moderate-M
4					0	CO6		-	-	-	-	-	-	-	-	-	-
5	SEM I	020542105 - PP	T2015	Introduction to Financial Markets and Institutions	60	CO1	Demonstrate understanding of the Structure of the Indian Financial System - Financial Markets, Financial Institutions and Financial Instruments.	Strong-H	-	-	-	-	-	-	-	Moderate-M	-
5					60	CO2	Demonstrate understanding of the Money Market, its Functions and the Participants	Strong-H	-	-	-	-	-	-	-	Moderate-M	-
5					60	CO3	Demonstrate understanding of the Capital Market, the primary market , the secondary market and the regulators	Strong-H	Moderate-M	-	-	-	-	-	-	-	-
5					60	CO4	Demonstrate understanding of the evolution, organization and management functions of the Reserve Bank of India.	Strong-H	-	-	-	-	-	-	-	Moderate-M	-
5					60	CO5	Demonstrate understanding of Debt Markets and Derivatives	Strong-H	Moderate-M	-	-	-	-	-	-	-	-
6	SEM I	020542106 - PP	T3174	Network Concepts and Components	60	CO1	To understand the basic concept of network	Strong-H	-	-	Strong-H	-	-	-	-	-	-
6					60	CO2	To understand the basic Architecture of OSI model	Moderate-M	Strong-H	-	Moderate-M	-	-	Moderate-M	-	-	-
6					60	CO3	To understand the devices and Protocols	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-
6					60	CO4	To understand layers in OSI and their functioning	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-
6					60	CO5	To understand and analyse the functioning of all devices, protocols in terms of the OSI Layers	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-
6					60	CO6	To understand at an overview level the threats to network	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	-	Strong-H	-	-
7	SEM I	020542107 - PP	T2560	Principles and Practices of Management	60	CO1	Understand the Business organization and environment external, internal and change.	Strong-H	-	-	-	-	Strong-H	-	-	-	Strong-H

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7					60	CO2	Understand the importance of Mission, Vision and Objectives	Strong-H	Strong-H	Strong-H	-	-	-	Strong-H	-	Strong-H	Strong-H
7					60	CO3	Understand the application of Management Principle and Functions.	Strong-H	Strong-H	-	-	-	-	Strong-H	-	Strong-H	Strong-H
7					60	CO4	Understanding of Self Professional and Teams dynamics	Moderate-M	Strong-H	-	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
7					60	CO5	Understand the functions of Departments and importance - Finance, HR, Marketing & Operations.	-	-	-	Moderate-M	-	-	Strong-H	-	Moderate-M	Strong-H
7					60	CO6	Understand the role of strategic analysis and implementation in Business	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
8	SEM I	020542108 - PP	T6075	Managerial Economics	60	CO1	Understand the basic concepts in introductory economics	Strong-H	-	-	Moderate-M	-	-	-	-	-	-
8					60	CO2	Understand the decisions taken by decision making authorities such as corporates/ government, from an economic analysis perspective	-	Moderate-M	-	Strong-H	-	-	-	-	-	-
8					60	CO3	Apply the concepts in business transactions and case studies	Strong-H	-	-	-	-	-	-	-	Moderate-M	-
8					60	CO4	Analyse the daily events/news and identify the relevant concepts	-	Strong-H	-	-	-	-	-	-	Moderate-M	Moderate-M
9	SEM I	020542109 - PP	T2869	Introduction to Telecom Technologies	60	CO1	To acquire fundamental knowledge of telecom concepts and technologies	Strong-H	-	-	-	-	-	-	-	-	-
9					60	CO2	To differentiate between the different modes of voice communications, the network infrastructure needed, their limitations & advantages.	Strong-H	-	-	-	-	-	-	-	-	-
9					60	CO3	To differentiate between the different modes of data communications, the network infrastructure needed, their limitations & advantages.	-	Strong-H	-	-	-	-	-	-	-	-
9					60	CO4	To identify through literature search the telecom technologies used in various ICT services such as MPLS, Carrier Ethernet, VoIP etc.	Moderate-M	-	-	Strong-H	-	-	-	-	-	-
9					60	CO5	To analyze the latest trends in Wired & Wireless Telecom Technologies.	-	Moderate-M	-	Strong-H	-	-	-	-	-	-

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10	SEM I	020542110 - PP	T2007	Cost Accounting	60	CO1	To understand the concepts and fundamentals of cost accounting	Strong-H	Strong-H	-	-	-	-	-	-	-	-
10					60	CO2	To apply the concepts in managerial planning, decision making & controlling	Strong-H	Strong-H	-	-	-	-	-	-	-	-
11	SEM I	020542111 - PP	T2004	Financial Accounting	60	CO1	To understand the nature / fundamentals of accounting and then to apply them in financial statements of ICT companies	Strong-H	Strong-H	-	-	-	-	-	-	-	-
11					60	CO2	To identify and gain knowledge of basics in accounting	Strong-H	Strong-H	-	-	-	-	-	-	-	-
12	SEM I	020542112 - PP	T3353	Internet-of-Things	60	CO1	Understanding the future technology concepts that connect every object in some or the other way to the internet and adopted by most of the business organization	Strong-H	-	-	-	-	-	-	-	-	Moderate-M
12					60	CO2	Analyzing different challenges related to design, development, and security while adopting IOT	-	Strong-H	-	-	-	-	-	-	-	-
12					60	CO3	Investigating Domain specific applications of IOT	-	-	-	Strong-H	-	-	-	-	-	-
12					60	CO4	Introduction of different IOT tools for developing sensor based applications	-	-	-	-	Moderate-M	-	-	-	-	-
13	SEM I	020542113 - PP	T2219	Operations Research	60	CO1	Develop eclectic skill set to meet multi-disciplinary challenges of Telecom	Strong-H	-	-	-	-	-	-	-	-	-
13					60	CO2	Understand the functionality and Explore the application of selected management tools	-	-	-	-	Moderate-M	-	-	-	-	-
13					60	CO3	Cultivate the habit of continuous self-learning	-	-	-	-	-	-	-	-	-	Strong-H
14	SEM I	020542114 - PP	T2224	Research Methodology	60	CO1	Conduct the literature review (LR)	-	Strong-H	-	-	-	-	-	-	-	-
14					60	CO2	Identify the problems and explore the related opportunities for research	-	-	-	Moderate-M	-	-	-	-	-	-
14					60	CO3	Understand and abide by ethics	-	-	-	-	-	Moderate-M	-	-	-	-
15	SEM I	020542115 - PP	T3489	Spreadsheets for Managers	60	CO1	Understanding the applications of Spreadsheet in various Management tasks	Strong-H	-	-	-	-	-	-	-	-	-
15					60	CO2	Learn, Practice and apply the formulas and functions in spreadsheet	-	-	-	-	Strong-H	-	-	-	-	-

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18					60	CO2	Understand the need for terrestrial cellular networks, the technologies therein - GSM, GPRS, EDGE, CDMA, W-CDMA, LTE, 5G	Strong-H	-	-	-	-	-	-	-	-	-
18					60	CO3	Understand the architecture of cellular networks and functions of various cellular network components - Base Station, Switch, Gateway, Mobility Management , IP Multimedia Subsystem	-	Strong-H	-	-	-	-	-	-	-	-
18					60	CO4	Trace voice and data call flows through various network elements for various technologies	-	-	-	Strong-H	-	-	-	-	-	-
18					60	CO5	Gain ability to compare various technologies and understand each technology's advantages and limitations	-	-	-	Strong-H	-	-	-	-	-	-
18					60	CO6	"Gain practical insight into the advancements of technologies through additional reading - standard body/global reports Understand the implications of choice of technologies on network investment decisions"	-	-	-	-	-	-	-	-	-	Strong-H
19	SEM II	020542203 - PP	T2778	Basics of Financial Management	60	CO1	To understand the financial environment of business through study of financial markets, financial institutions and the related regulatory framework	Strong-H	-	-	-	-	-	-	-	-	-
19					60	CO2	To understand objectives and functions of financial management	Strong-H	-	-	-	-	-	-	-	-	-
19					60	CO3	To understand fundamentals, concepts and applications of time value of money	-	Strong-H	-	-	-	-	-	-	Strong-H	-
19					60	CO4	To understand fundamantals, concepts and application of valuation of stocks and bonds	Strong-H	Strong-H	-	-	-	-	-	-	-	-
19					60	CO5	To understand concepts, applications and process of appraisal of capital budgeting	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-
19					60	CO6	To understand concepts and applications for analysing a business enterprise	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-

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20	SEM II	020542204-PP	T2227	Business Analytics	60	CO1	A. Select, and apply Business Analytics techniques, resources, and modern computational tools to solve technology business problems with an understanding of the assumptions and limitations of the tools and concepts	Strong-H	Strong-H	-	-	-	-	-	-	-	-
20					60	CO2	B. Design innovative business problem solutions for complex business analytics problems based on data analysis for technology industry	-	-	Strong-H	Strong-H	-	-	-	-	-	-
20					60	CO3	Utilize data analysis and research-based knowledge and research methods to investigate technology business problems	-	-	-	-	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M
21	SEM II	020542205-PP	T3035	Governance Risk and Compliance	60	CO1	To evaluate the IT Governance and methodologies particularly in view of strategic alignment of IT with the business	Strong-H	-	-	-	-	-	-	-	-	-
21					60	CO2	To understand the standards and compliances currently available in the marketplace	-	-	-	-	Moderate-M	-	-	-	-	-
21					60	CO3	To provide high level overview of several key areas of Governance, Risk and Compliance	-	Strong-H	-	-	-	-	-	-	-	-
21					60	CO4	To discuss the role of Internal Audit related to all key areas	-	-	Moderate-M	-	-	-	-	-	-	-
22	SEM II	020542206-PP	T3167	Introduction to Business Intelligence	60	CO1	To understand the importance and necessity of Business Intelligence the dynamically changing environment to have competitive edge over the competitors. Access the Business Intelligence requirements at different levels of Management	Strong-H	-	-	-	-	-	-	-	-	-
22					60	CO2	To Identify ,analyze problems in Business Operations and formulate solutions for efficient business operations	-	Strong-H	-	-	-	-	-	-	-	-
22					60	CO3	To understand Data warehousing and Data Mining	Moderate-M	-	-	-	-	-	-	-	-	-
22					60	CO4	To design robust and stable Business Intelligence systems and to understand various hardware and software technologies that build up the system.	-	-	-	-	Moderate-M	-	-	-	-	-

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25					60	CO4	Demonstrate ability of preparation of proposal using knowledge of estimation techniques and contracting relationships	-	-	Strong-H	-	-	-	-	Moderate-M	-	-
26	SEM II	020542210 - PP	T2253	Strategic Management	60	CO1	Students should be able to understand aspects related to strategic management, and the strategic management process such as Deciding the 'scope' of a firm -setting the vision, mission, objectives and goals; External environment scanning - use of PESTEL and Porter's five forces model for opportunity spotting. Use of blue ocean strategy (Level 4: Analysing)	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-	-
26					60	CO2	Students should be able to analyse the core competence of a firm by doing Internal Environment Analysis - such as analyzing strategic capabilities, resources, core competencies.,VRIO framework,SWOT, Value chain analysis etc (Level 4: Analysing)((Level 5: Evaluation/Interpreting)	-	Moderate-M	Moderate-M	-	-	-	-	-	-	-
26					60	CO3	"Students should be able to interpret the scope of a firm and the formulation of Corporate level strategies (such as diversification decisions (Ansoff model), portfolio planning (BCG Matrix, GE). (Level 5: Evaluation/Interpreting) "	-	-	Strong-H	Strong-H	-	-	-	-	-	-
26					60	CO4	Students should be able to analyse the Business Level Strategy or SBU strategy - (Porter's competitive strategies - low cost, differentiation, niche/focus etc),; and be able to compare and contrast strategies related to change management decisions, implementation of strategy with relation to the culture and structure of the firm. (Level 4 & 5: Analysing, Evaluating/Compare)	-	Moderate-M	-	Moderate-M	Moderate-M	-	-	-	Moderate-M	-

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29					60	CO2	To develop and understand the Business problems and formulating their complexity	-	Strong-H	-	-	-	-	-	-	-	-
29					60	CO3	To understand the complex business problems which are critical for strategic decision making and fostering the automated solution within the ICT and other sector and the need for cross?sectoral collaboration	-	-	Strong-H	-	-	-	-	-	-	-
29					60	CO4	Utilizing research based knowledge for finding the solution of complex problems	-	-	-	-	-	-	Moderate-M	-	-	-
29					60	CO5	Using real business cases, to illustrate the application and interpretation of those methods.	-	-	-	-	Moderate-M	-	-	-	-	-
30	SEM II	020542214-PP	T3531	R Programming	60	CO1	To understand the significance of R Programming.	Moderate-M	-	Strong-H	-	Strong-H	-	-	-	-	-
30					60	CO2	To understand and apply the programming environment of R	Moderate-M	Strong-H	Strong-H	-	-	-	-	-	-	-
30					60	CO3	To build programming skills in R	-	-	-	Strong-H	Strong-H	-	-	-	-	-
30					60	CO4	To build programming skills so as to solve business problems using R	Strong-H	-	-	-	Strong-H	-	-	-	-	-
31	SEM II	020542215-PP	T2130	Brand Management	60	CO1	Demonstrate the influence and application of brand and brand experiences to withstand competitive pressures and thrive in dynamic market conditions and to relate it with the ICT sector	Strong-H	-	-	-	-	-	-	-	-	-
31					60	CO2	Analyse value propositions, to defend brands against competitive forces and influence them to leverage communication resources for selling the brand message and build brand equity.	-	Strong-H	-	-	-	-	-	-	-	-
31					60	CO3	Apply knowledge & skills to branding principles and marketing communication concepts and frameworks to achieve brand management goals and improve marketing performance.	-	-	Strong-H	-	-	-	-	-	-	-

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35	SEM II	020542219 - PP	T2894	Cloud-Based Solution Architecture	60	CO1	To acquire fundamental and advanced level knowledge of various cloud technologies and understand how each one is used	Strong-H	-	-	-	-	-	-	-	-	-
35					60	CO2	To understand and analyze highly available cloud architecture and understand the business drivers for a business to select a cloud architecture	-	Strong-H	-	-	-	-	-	-	-	-
35					60	CO3	Understand and acquire knowledge on various cloud offerings and their merits from literature review	-	-	Moderate-M	Strong-H	-	-	-	-	-	-
35					60	CO4	Utilizing research based knowledge for finding the solution of complex problems	-	-	Strong-H	-	-	-	-	-	-	-
35					60	CO5	Cultivate the habit of continuous self-learning	-	-	-	-	-	-	-	-	-	Strong-H
36	SEM II	020542220 - PP	T2312	Telecom Networks Management	60	CO1	Understand the principles of telecommunication network management such as Terminology, functional architecture, information architecture, physical architecture.	-	-	-	Strong-H	-	-	-	-	-	Moderate-M
36					60	CO2	Analyse the functional requirements Network management application	-	Strong-H	-	Strong-H	-	-	-	-	-	-
36					60	CO3	Understand Information Security Management and compare the various Tools & Techniques for Network Security	-	Moderate-M	-	Strong-H	-	-	-	-	-	-
36					60	CO4	Continuously improve their technology knowledge and communication skills.	-	-	-	-	-	-	-	-	Moderate-M	Strong-H
36					60	CO5	Anticipate the way technological change and emerging technologies might alter the assumptions underlying architectures and systems	Strong-H	-	-	-	-	-	-	-	-	Moderate-M
37	SEM III	020541301 - PP	T2311	Operation Support Systems and Business Support Systems Framework (OSS/BSS)	60	CO1	Demonstrate the ability to describe & categorize the different Element Management systems & Network Management Systems used.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-
37					60	CO2	Demonstrate understanding of the OSS /BSS and its Need/ Business Benefits and Various Sub system components of OSS/BSS.	-	-	Strong-H	Strong-H	-	-	-	-	-	-

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37					60	CO3	Demonstrate understanding of various standards like CDR, IPDR for Billing and Mediation systems.	-	-	-	Strong-H	Moderate-M	-	-	-	-	-
37					60	CO4	Ability to analyse the OSS/BSS requirements for new portfolio of Services such as IP Multimedia Systems, 3G & 4G Mobile services ,Cable Services, IPTV Services	-	Strong-H	-	-	-	-	-	-	-	-
38	SEM III	020541302 - PP	T2770	Services and Technology Trends in Telecom	60	CO1	Review the fundamental knowledge of telecommunication and information technologies.	Strong-H	-	-	Moderate-M	-	-	-	-	-	-
38					60	CO2	Recognize the current and emerging technologies that are shaping the present and future of telecom networks	Moderate-M	-	-	Strong-H	-	-	-	-	-	-
38					60	CO3	Understand the role of business, market, and policy relationships and strategies in information and telecommunication industries.	Strong-H	Strong-H	-	-	-	-	-	-	-	-
38					60	CO4	Ability to present options and make recommendations based on the analysis of a real-life ICT case study.	-	Strong-H	-	Moderate-M	-	-	-	Moderate-M	Moderate-M	-
38					60	CO5	Be aware of recent trends in technology, services and platforms	Strong-H	-	-	-	-	-	-	-	-	Strong-H
38					60	CO6	Synthesise relevant knowledge, communication skills, and complex problem solving.	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-	Moderate-M
39	SEM III	020541303 - PP	T2604	Legal and Taxation Aspect	60	CO1	To develop knowledge of legal framework for business in India	Strong-H	-	-	-	-	-	-	-	-	Strong-H
39					60	CO2	To understand the nature of problems and then use of excel and online tax tools to find out solutions to problems	-	-	-	-	Moderate-M	-	-	-	-	-
39					60	CO3	To cultivate the habit of arriving at solutions keeping in mind various business problems and legal / tax regulations including tax planning, financial planning and management	-	-	Strong-H	-	-	-	-	Strong-H	-	-
40	SEM III	020541304 - PP	T3085	Managing Pre-Sales	60	CO1	Demonstrate understanding of the importance of Pre-Sales in an ICT organization and role of Solution Managers in Pre-Sales	Strong-H	-	-	-	-	-	-	-	Moderate-M	-

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40					60	CO2	Demonstrate understanding of Pre-Sales Framework, Operating Boundaries and Limitations	-	Strong-H	-	Strong-H	-	-	-	-	-	-
40					60	CO3	Demonstrate understanding of the RFP Process, its components and contingencies	Moderate-M	-	Strong-H	-	-	-	-	-	-	-
40					60	CO4	Demonstrate ability of preparation of proposal using knowledge of estimation techniques and contracting relationships	-	-	Strong-H	-	-	-	-	Moderate-M	-	-
41	SEM III	020541305 - PP	T3168	Cloud Management	60	CO1	To acquire fundamental and advanced level knowledge of various cloud technologies and understand how each one is used	Strong-H	-	-	-	-	-	-	-	-	-
41					60	CO2	To understand and analyze various virtualized data centers and understand the business drivers for a business to move to a cloud infrastructure	-	Strong-H	-	-	-	-	-	-	-	-
41					60	CO3	Understand and acquire knowledge on various cloud offerings and their merits from literature review	-	-	Moderate-M	Strong-H	-	-	-	-	-	-
41					60	CO4	Utilizing research based knowledge for finding the solution of complex problems	-	-	Strong-H	-	-	-	-	-	-	-
41					60	CO5	Cultivate the habit of continuous self-learning	-	-	-	-	-	-	-	-	-	Strong-H
42	SEM III	020541306 - PP	T2810	Project	60	CO1	To understand the Business problem in the dynamically changing environment to have competitive edge over the competitors. To access current Business problem. Access the requirements at different levels of Management for various business Function	Strong-H	-	-	-	-	-	-	-	-	-
42					60	CO2	To Identify ,analyze problems in Business and formulate business strategy & solutions for efficient business operations	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	-	-	-	-
42					60	CO3	To gather relevant data Based on understanding of current situation from various sources	-	Strong-H	-	Moderate-M	-	-	-	-	-	-

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42					60	CO4	To analyze data and come up with solutions /suggestions /recommendations communicate/justify solution effectively.	-	-	-	-	Strong-H	-	-	Strong-H	Strong-H	-
42					60	CO5	To understand the changing business landscape and anticipate future issues	-	-	-	-	-	Moderate-M	-	-	-	Moderate-M
43	SEM III	020541307 - PP	T2849	Management of Financial Technologies	60	CO1	Identify the key technical aspects involved in the deployment and management of payment system and financial technologies.	-	-	-	-	-	-	-	-	-	Moderate-M
43					60	CO2	To analyze the interplay between the technologies, services, regulations and stakeholders in Fintech ecosystem;	-	Strong-H	-	Strong-H	-	-	-	-	-	-
43					60	CO3	Understand the opportunities that FinTech may bring in the financial services industry.	-	Strong-H	-	-	-	-	-	-	-	Moderate-M
43					60	CO4	Acquire practical industry, investor, financial and entrepreneurial knowledge and skills enabling students to potentially identify a need in the financial services industry .	-	-	Strong-H	-	-	-	-	Moderate-M	-	-
44	SEM III	020541308 - PP	T2087	Business Modeling and Planning	60	CO1	To develop an eclectic skill set to meet multidisciplinary challenges	Strong-H	-	-	-	-	-	-	-	Strong-H	-
44					60	CO2	To understand the nature of problems and then use excel tool to analyze the complex problems	-	Moderate-M	-	-	Moderate-M	-	-	-	-	-
44					60	CO3	To cultivate the habit of arriving at innovative solutions keeping in mind various courses the students have learned from earlier semesters and communicating to various stakeholders	-	-	Strong-H	-	-	-	-	Strong-H	-	-
45	SEM III	020541309 - PP	T2136	Sales Force and Channel Management	60	CO1	Demonstrate understanding of the Role and Functions of Selling and of a Contemporary Sales Manager.	Strong-H	-	-	-	-	-	-	-	Strong-H	-
45					60	CO2	Understand and design Salesforce management plan.	-	-	-	-	-	-	Strong-H	-	Strong-H	-
45					60	CO3	Demonstrate understanding of theory and practical ways to select, recruit, induct, train and motivate Sales people.	-	-	-	-	-	-	-	Strong-H	Strong-H	-

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45					60	CO4	Demonstrate ability to compare and understand the challenges of Sales Managers today and learn and appreciate Challenges of Sales Managers of tomorrow.	-	-	-	-	-	-	Strong-H	Strong-H	-	-
45					60	CO5	Demonstrate understanding of channel design, appointment and management in the volatile market place.	-	-	-	-	-	-	Strong-H	-	-	Strong-H
46	SEM III	020541310 - PP	T2118	Consumer Behaviour	60	CO1	To understand how the markets consumers behave in the digital context and how various factors influence their decision making.	Strong-H	-	-	-	-	-	-	-	-	-
46					60	CO2	To critically analyse how new technologies and platforms are enabling marketers to better satisfy the needs and wants of the consumer	-	-	-	-	-	-	-	-	-	Moderate-M
46					60	CO3	To apply knowledge of consumer behaviour concepts to develop better marketing programs and strategies to influence those behaviours.	-	-	Strong-H	-	-	-	-	Moderate-M	Strong-H	-
46					60	CO4	To demonstrate professional, ethical Principals, responsibilities and commit to norms of ethical management practices	-	-	-	-	-	-	-	-	-	-
47	SEM III	020541311 - PP	T2143	Services Marketing	60	CO1	Demonstrate an extended understanding of the similarities and differences in service-based and physical product based marketing activities;	Strong-H	-	-	-	-	-	-	-	Strong-H	-
47					60	CO2	Demonstrate a knowledge of the extended marketing mix for services;	Strong-H	-	-	-	-	-	-	-	-	Strong-H
47					60	CO3	Develop and justify marketing planning and control systems appropriate to service-based activities;	-	-	-	-	-	-	-	-	Strong-H	Strong-H
47					60	CO4	Prepare, communicate and justify marketing mixes and information systems for service-based organisations;	-	-	-	-	-	-	-	Moderate-M	-	-
47					60	CO5	Demonstrate integrative knowledge of marketing issues associated with service productivity, perceived quality, customer satisfaction and loyalty	Strong-H	-	-	-	-	-	-	Strong-H	-	-

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50					60	CO2	Demonstrate ability to select the appropriate method for predictive analysis and to build effective predictive models.	-	Strong-H	-	-	Strong-H	-	-	-	-	-
50					60	CO3	Demonstrate ability to search, identify, gather and pre-process data for the analysis.	-	Strong-H	-	-	Strong-H	-	-	-	-	-
50					60	CO4	Evaluation the soundness, appropriateness and validity of their models and how to interpret and report on results for a management audience	-	-	-	-	-	-	-	Strong-H	Strong-H	-
51	SEM III	020541315 - PP	T3173	Mobile Operating Systems and Applications	60	CO1	Introduction to MOSA, small intro of OS of Computers	Strong-H	-	-	-	-	-	-	-	-	Moderate-M
51					60	CO2	Understanding Mobile Ecosystem	Strong-H	-	-	-	-	-	-	-	-	Strong-H
51					60	CO3	Analyse Mobile Applications	-	Strong-H	-	Strong-H	-	-	Moderate-M	-	-	Strong-H
51					60	CO4	Analyse the design and security of mobile	Strong-H	-	-	Strong-H	-	-	-	-	-	-
51					60	CO5	Understand the design and security of mobile	-	Strong-H	Strong-H	-	-	-	Strong-H	-	-	-
51					60	CO6	Understand the Role of Processors -Architecture in Mobile	-	-	-	Strong-H	-	-	Moderate-M	-	-	-
52	SEM III	020541316 - PP	T3175	Network Design	60	CO1	To Design Scalable, reliable and secure networks based on assessment of business requirements	Strong-H	-	-	-	-	-	-	-	-	-
52					60	CO2	To understand information requirements of Telecom Business	-	Strong-H	-	-	-	-	-	-	-	-
52					60	CO3	To design robust and stable data Networks and to understand various hardware and software technologies that build up the data Network	Moderate-M	-	-	-	-	-	-	-	-	-
52					60	CO4	To understand functioning of Networks topologies and network devices .To understand the role of each network device I networks	-	-	-	-	Strong-H	-	-	-	-	-
53	SEM III	020541317 - PP	T2310	Regulatory Aspects of Telecom (RAT)	60	CO1	Acquire knowledge on the role of public policy, its governance and its process in India.	Strong-H	-	-	-	-	-	-	-	Moderate-M	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
53					60	CO2	Acquire knowledge on economic & legal foundations of competition policy and also analyse its connection with other policy objectives of the government.	-	-	-	Strong-H	-	Moderate-M	-	-	-	-
53					60	CO3	Analyse the impact of National Telecom Policies from 1994 to National Digital Communication Policy 2018	-	Strong-H	-	Strong-H	-	-	-	-	-	-
53					60	CO4	Understand the role of various regulatory bodies and their contribution to the Indian Telecom regulatory framework.	Strong-H	-	-	Moderate-M	-	-	-	-	-	-
53					60	CO5	Understand the concept of Common Goods and its implementation in spectrum allocation	Strong-H	-	-	-	-	-	-	-	-	Moderate-M
53					60	CO6	Analyse the view-points of all stake holders in QoS like customer, service provider, regulator and current Indian and international standards and interpret the result of surveys reported by the TRAI and other agencies.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-
54	SEM III	020541318 - PP	T2845	Development Operations (DevOps)	60	CO1	Demonstrate understanding of source code management tools	-	Strong-H	-	-	Strong-H	-	-	-	-	-
54					60	CO2	Demonstrate knowledge of test automation tools	-	-	-	-	Strong-H	-	-	-	-	-
54					60	CO3	Demonstrate understanding of Containerization , configuration and monitoring tools	-	-	Strong-H	-	-	Strong-H	-	-	-	-
55	SEM III	020541319 - PP	T2319	ITIL Foundation	60	CO1	Demonstrate understanding and application of phases and terminology of ITIL ® Service Lifecycle	Strong-H	-	Strong-H	-	-	-	-	-	-	-
55					60	CO2	Interpret processes ,their interconnections and develop requisite expertise leading to Certificate - ITIL® Foundation Course in IT Service Management	-	-	Strong-H	-	-	-	-	-	-	Strong-H
56	SEM III	020541320 - PP	T2831	Information Security Management	60	CO1	Analyse the Information Security Management System for any organisation.	Strong-H	-	-	-	-	-	-	-	-	Strong-H
56					60	CO2	Design a model for establishing, implementing, operating, monitoring, reviewing, maintaining, and improving an Information Security Management System	-	-	-	Strong-H	-	-	-	-	-	-

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56					60	CO3	Develop requisite expertise in ISO 27001 ISM standard to design and implement an organizations ISMS	-	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-
57	SEM III	020541321-PP	T2321	BPF - eTOM(L2)	60	CO1	Identifying and examining the eTOM Business Process Framework which is a reference framework for categorizing all the business activities used by an enterprise involved in delivering on-line Information, Communications and Entertainment services.	Strong-H	-	Strong-H	-	Strong-H	-	-	-	-	-
57					60	CO2	Outlining of each area of business activity, in the form of process components or Process Elements that can be decomposed to expose progressive detail.	-	Moderate-M	-	-	-	-	-	-	-	-
57					60	CO3	Gathering and recognizing the process elements that can be positioned within a model to show organizational, functional and other relationships, and can be combined within process flows that trace activity paths through the business.	Moderate-M	-	-	-	Strong-H	-	-	-	-	-
58	SEM III	020541322-PP	T2848	Internal Audit	60	CO1	Understand Auditing Principles ,the Roles and Responsibilities of the Auditor	Strong-H	-	-	Strong-H	Strong-H	-	-	-	-	Strong-H
58					60	CO2	Assess Security Threats and Vulnerabilities and rreview requirements of Security Controls and Countermeasures	-	Strong-H	-	Strong-H	-	-	-	-	-	-
58					60	CO3	Plan, Execute, Report, and Follow-up on an Information Security Management System Audit	-	-	Strong-H	-	-	Strong-H	-	-	-	-
59	SEM III	020541323-PP	T2846	Ethical Hacking and Cyber Crime	60	CO1	Demonstrate understanding of various definitions and typologies of cybercrime	Strong-H	Strong-H	-	-	-	-	-	-	-	-
59					60	CO2	Demonstrate understanding of the contribution of hackers, victims and IT managers to cybercrime	-	Strong-H	-	Strong-H	-	-	-	-	-	-
59					60	CO3	Demonstrate application of criminological theories in the study of cybercrime	-	Strong-H	-	-	-	-	-	-	-	-
59					60	CO4	Demonstrate use of technical tools allowing the collection of data in cyber space	-	-	-	-	Strong-H	-	-	-	-	Moderate-M

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59					60	CO5	Demonstrate understanding of the role of both the private sector and law enforcement agencies in investigating, prosecuting and preventing cyber crime	-	Strong-H	-	-	-	Strong-H	-	-	-	-
60	SEM IV	020541401 - PP	T3395	Digital Transformation	60	CO1	Understanding Digital Transformation	Strong-H	-	-	Moderate-M	-	-	-	Moderate-M	Strong-H	Strong-H
60					60	CO2	To understand applications of Digital Transformation in real life business environment.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
60					60	CO3	To apply Digital Transformation in Management Principle and Functions	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
60					60	CO4	Understand the role of strategic analysis in the implementation of Digital Transformation in Business	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
61	SEM IV	020541402 - PP	T2806	Project	60	CO1	To understand the Business problem in the dynamically changing environment to have competitive edge over the competitors. To access current Business problem. Access the requirements at different levels of Management for various business Function	Strong-H	-	-	-	-	-	-	-	-	-
61					60	CO2	To Identify ,analyze problems in Business and formulate Business strategy & solutions for efficient business operations	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	-	-	-	-
61					60	CO3	To gather relevant data Based on understanding of current situation from various sources	-	Strong-H	-	Moderate-M	-	-	-	-	-	-
61					60	CO4	To analyze data and come up with solutions /Suggestions /Recommendations communicate/Justify solution effectively.	-	-	-	-	Strong-H	-	-	Strong-H	Strong-H	-
61					60	CO5	To understand the Changing Landscape of Business and estimate future issues	-	-	-	-	-	Moderate-M	-	-	-	Moderate-M
62	SEM IV	020541403 - PP	T2353	Entrepreneurship	60	CO1	Demonstrate understanding of the entrepreneurial mindset	Strong-H	-	-	-	-	-	-	-	-	Moderate-M
62					60	CO2	To appraise the entrepreneurial process starting with pre-venture stage	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-

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65					60	CO4	Demonstrate the application of the criteria for the development of a successful digital transformation plan and presentation.	-	-	-	-	Moderate-M	-	-	-	-	-
66	SEM IV	020541407-PP	T2762	Advanced Big Data Analytics Telecom	60	CO1	Select, and apply Big Data Analytics techniques, resources, and modern computational tools to solve technology business problems with an understanding of the assumptions and limitations of the tools and concepts.	Strong-H	Strong-H	-	-	-	-	-	-	-	-
66					60	CO2	Design innovative business problem solutions for complex business problems based on big-data data analysis for technology industry	-	-	Strong-H	Strong-H	-	-	-	-	-	-
66					60	CO3	Utilize big-data analysis and research-based knowledge and research methods to investigate technology business problems	-	-	-	-	Strong-H	Weak-L	Moderate-M	-	Strong-H	Moderate-M
67	SEM IV	020541408-PP	T2827	Supply Chain Management	60	CO1	Understand the fundamentals of Supply Chain Management and its applications.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-
67					60	CO2	Understand importance of supply chain in the Business Operations	Strong-H	-	-	-	-	-	-	-	-	Moderate-M
67					60	CO3	Apply knowledge to evaluate and manage an effective supply chain.	-	Strong-H	-	Strong-H	-	-	-	-	-	-
67					60	CO4	Align the management of a supply chain with corporate goals and strategies.	Strong-H	-	-	-	-	-	-	-	Moderate-M	-
67					60	CO5	Evaluate performance measures for Supply Chain Networks in organizations	-	Strong-H	-	Strong-H	-	-	-	-	-	-
68	SEM IV	020541409-PP	T3287	IT Strategy	60	CO1	Understand the role IT plays as enabler in Business strategy	-	-	-	-	-	-	-	-	-	Moderate-M
68					60	CO2	Analyse the factors which must be addressed in dynamic IT business processes.	-	Strong-H	-	Strong-H	-	-	-	-	-	-
68					60	CO3	Evaluate existing organizational IT strategies and recommend strategies that address the business problems	-	Strong-H	-	-	-	-	-	-	Moderate-M	-
68					60	CO4	Develop IT strategy aligned to organisational strategy	-	-	Strong-H	-	-	-	-	Moderate-M	-	Moderate-M

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68					60	CO5	Work as a team to analyse business needs and problems and propose a range of relevant business solutions	-	-	-	-	-	-	Strong-H	Moderate-M	-	Moderate-M

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA2	Global citizenship: ethical, social and professional understanding	PO1	Management knowledge: Apply the knowledge of marketing, finance, HR & operations fundamentals and specialization to the solution of complex management problems.
2	GA2	Global citizenship: ethical, social and professional understanding	PO2	Problem analysis: Identify, formulate, research literature, and analyze complex management problems reaching substantiated conclusions using fundamentals & principles of management.
3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	Design/development of solutions: Design solutions for complex management problems and design systems/processes that meet the specified needs with appropriate consideration for overall well being and safety, cross-cultural, community and environmental concerns.
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	Conduct investigations of complex problems: Use research-based knowledge and research methods including analysis and interpretation of data, and synthesis of it
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern managerial applications / tools including prediction and modeling to complex management activities with an understanding of the limitations.
6	GA1	Scholarship: research, inquiry and lifelong learning	PO6	The manager and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional management practice
7	GA3	Eco-literate: sensitivity towards a sustainable environment	PO7	Environment and sustainability: Understand the impact of the professional management solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the management practice.
9	GA1	Scholarship: research, inquiry and lifelong learning	PO9	Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10	GA3	Eco-literate: sensitivity towards a sustainable environment	PO10	Communication: Communicate effectively on complex management activities with the community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO11	Project management and finance: Demonstrate knowledge and understanding of the fundamentals and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12	GA3	Eco-literate: sensitivity towards a sustainable environment	PO12	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of business change.

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1	SEM I	020441101-PP	T2778	Basics of Financial Management	60	CO1	To understand financial environment of business and functions of finance	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L

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8	SEM I	020441108 - PP	T2528	Management of Operations	60	CO1	To understand different components of operations and their linkages with other business functions	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H
8					60	CO2	To analyze and construct different processes for operational improvements	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H
8					60	CO3	To analyze and create different operation performance measures for operational effectiveness.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
9	SEM I	020441109 - PP	T2220	Operations Research	60	CO1	To understand different Operation Research Models and their significance for Business.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L
9					60	CO2	To formulate different decision making models for managing the business	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
9					60	CO3	To analyze different business problems using operation research tools.	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
9					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
9					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
9					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
10	SEM I	020441110 - PP	T2573	Organizational Behaviour	60	CO1	Understand the importance of how Organizational Behaviour affects the performance and effectiveness	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Strong-H	Moderate-M
10					60	CO2	Know the basic framework of predicting individual and group behaviour in organizations	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
10					60	CO3	Understand the dynamics of individual and group behaviour in organizations	Moderate-M	Strong-H	Weak-L	-	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M
10					60	CO4	Develop theoretical, practical insights & problem solving capabilities for effectively managing the firm	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L
10					60	CO5	Enable students to use organizational behaviour theories to manage people effectively	Moderate-M	Strong-H	Strong-H	Weak-L	-	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H
10					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
11	SEM I	020441111 - PP	T2225	Research Methodology	60	CO1	To enable students to comprehend research issues	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
11					60	CO2	To enable students to identify research questions and formulate research hypothesis	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
11					60	CO3	To equip students with various techniques of research design and data collection	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Strong-H	Moderate-M
11					60	CO4	To enable students to synthesize qualitative and quantitative data crunching techniques	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H

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11					60	CO5	To enable students to prepare research proposal and research report	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
11					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
12	SEM I	020441112-PP	T6075	Managerial Economics	60	CO1	Apply economics principles to managerial decisions	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
12					60	CO2	To reach best possible management decisions with limited resources	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
12					60	CO3	To understand the business environment and challenges	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
12					60	CO4	To study cases with contemporary business situations and economic implications	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L
13	SEM I	020441113-PP	T2802	Project I	60	CO1	To Orient the new batch of MBA students towards management learning	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
13					60	CO2	To apprise the new batch of MBA students to the various departments of the institute.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H
13					60	CO3	To inculcate physical, emotional, mental, and social development of new batch of MBA students	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H
13					60	CO4	To develop the attitude of discipline, leadership, time management amongst the new batch of MBA students	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M
13					60	CO5	To inculcate overall development of new batch of MBA students	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
13					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
14	SEM I	020441114-PP	T3152	Advanced Excel	60	CO1	Apply Microsoft Excel techniques to create business spreadsheets for Financial Analysis	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
14					60	CO2	Inyterpreting and demystyying unconventional Financial Functionality in Excel	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H
14					60	CO3	Choosing appropriate tool for Data analysis in Excel to slice and Dice of a Big data	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
14					60	CO4	Learning how Excel would be used in various Accounting functions	Moderate-M	Moderate-M	-	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M
14					60	CO5	Evaluatiing dynamic numbers with What - If Analysis and its various sub functionalities	Strong-H	Moderate-M	-	Strong-H	Moderate-M	-	Strong-H	Strong-H	Strong-H	-	Strong-H	Moderate-M
14					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
15	SEM I	020441115-PP	T2801	Project -II	60	CO1	Acquire knowledge and skills for life long participation in physical activity	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
15					60	CO2	Improving the quality of life through physical literacy	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H

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15					60	CO3	Achieving optimum health benefits	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
15					60	CO4	To improve physical and mental well-being.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
16	SEM I	020441116-PP	T6012	Basic German I	60	CO1	Speaking skills: Basic communication; usage of colloquial language e.g. introducing oneself and others, ordering in a restaurant, booking tickets, describing the way, shopping, expressing likes and dislikes, using simple and general-specific German terms and expressions etc	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Strong-H	Moderate-M
16					60	CO2	Reading skills: Comprehending the gist of simple texts related to everyday life, selective and global understanding of texts, highlighting the cultural aspects etc.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
16					60	CO3	Listening skills: Can understand simple authentic audio texts, pronunciation, accent, intonation, simple sentences, common structures and words from important everyday situations (e.g. basic personal and family information, shopping, local area)	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H
16					60	CO4	Writing skills: Ability to construct simple sentences related to oneself as well as others, filling official forms, etc.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
16					60	CO5	Grammar: Exposure to some simple aspects and rules of grammar in order to facilitate sentence formation.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
16					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
17	SEM I	020441117-PP	T6014	Basic French I	0	CO1		-	-	-	-	-	-	-	-	-	-	-	-
17					60	CO2	Reading skills: Comprehending the gist of simple texts related to everyday life, selective and global understanding of texts, highlighting the cultural aspects etc.	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H
17					60	CO3	Listening skills: Can understand simple authentic audio texts, pronunciation, accent, intonation, simple sentences, common structures and words from important everyday situations (e.g. basic personal and family information etc)	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H

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17					60	CO4	Writing skills: Ability to construct simple sentences related to oneself as well as writing a small composition on oneself, ones tastes and about the family etc.	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	
17					60	CO5	Grammar: Exposure to some simple aspects and rules of grammar in order to facilitate sentence formation.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	
17					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	
18	SEM II	020441201 - PP	T2218	Advanced Statistics	60	CO1	Ability to explain the method, technique and process of Factor analysis	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	
18					60	CO2	Ability to explain the method, technique and process of Discriminant analysis	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H
18					60	CO3	Ability to explain the method, technique and process of Conjoint analysis	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	
18					60	CO4	Ability to explain the method, technique and process of Cluster analysis.	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	
18					60	CO5	Ability to explain the method, technique and process of Multidimensional scaling.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	
18					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	
19	SEM II	020441202 - PP	T1237	Intellectual Property Rights	60	CO1	To create awareness amongst future managers and entrepreneurs the importance of intellectual property as understood in the context of TRIS & WTO	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	
19					60	CO2	Basic knowledge of various branches of IP	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
19					60	CO3	Discuss contemporary issues in IP laws and explore economic and other issues associatd wth protection of IP	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	
19					60	CO4	Enables stjdent managers in hi-tech firms to acqusint themselves with broad contours of IP rights, their social contenxt & historical evolution of the laws that pertain to the same and their practical applocation	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	
19					60	CO5	To effectively disseminate knowledge about IP and provide a platform for students to gain knowledge about IP and enhance their managerial skills	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	
19					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	
20	SEM II	020441203 - PP	T3166	Knowledge Management	60	CO1	Understand knowledge management principles & practices	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	

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23					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
24	SEM II	020441207 - PP	T2118	Consumer Behaviour	60	CO1	Create real time market consumer decisions in through understanding of concepts and their application	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Strong-H	Weak-L
24					60	CO2	Design consumer marketing strategies to increase sales and generate revenue	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L
24					60	CO3	Evaluate consumer insights through different techniques	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
24					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
24					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
24					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
25	SEM II	020441208 - PP	T2125	Marketing Strategy	60	CO1	To understand the nature, significance of strategies, formulation process of a Marketing Strategy and alignment of marketing strategy to corporate and business strategy	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
25					60	CO2	To understand the Corporate and Business Level Strategies	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
25					60	CO3	To understand environmental analysis	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
25					60	CO4	To understand appropriate Marketing Mix, strategies for different Market conditions, alliances and emerging strategies.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
25					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
25					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
26	SEM II	020441209 - PP	T2143	Services Marketing	60	CO1	Understand key concepts of service marketing in todays competitive environment	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
26					60	CO2	Compare and ably apply the tools used in services marketing	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-
26					60	CO3	Analyze and apply services marketing concepts in business	Strong-H	Weak-L	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	-
26					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
26					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
26					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
27	SEM II	020441209 - PP	T2143	Services Marketing	60	CO1	Understand key concepts of service marketing in todays competitive environment	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
27					60	CO2	Compare and ably apply the tools used in services marketing	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-
27					60	CO3	Analyze and apply services marketing concepts in business	Strong-H	Weak-L	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	-

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32	SEM II	020441212 - PP	T2128	Product Management	60	CO1	Able to analyse the importance of markets, consumers, competition and marketing owing to Products.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Weak-L	Strong-H	Moderate-M	Moderate-M	
32					60	CO2	To give insights to the origin & Development of the Product Management Function	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	
32					60	CO3	To address the role of a Product and Production with the creation of products and services	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	
32					60	CO4	Appreciate the importance of Product as one of the 4 P's from among other in the marketing mix	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	-	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	
32					60	CO5	Infer the importance of Product Strategy as a core to any organisation's competitiveness.	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	-	Weak-L	Strong-H	
33	SEM II	020441213 - PP	T2286	Industrial Relations	60	CO1	To understand the basic concept of Industrial Relations and the Legal environmental factors under which the business operates.	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	-	Moderate-M	
33					60	CO2	To demonstrate the ability to draft,interpret and understand applications of various factors of Industrial Relations and different Labour Laws related with IR for day to day business	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
33					60	CO3	To analyze and examine the supportive terminologies related with Industrial Relations and its impact on Employees and Employers, Trade Unions and employer as well as on the existing Government.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
33					60	CO4	To evaluate and justify the role and relevance of various Labour Laws and Supportive factors to foresee and manage problems and avoid Industrial Disputes in the Business	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	
33					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-	
33					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	
34	SEM II	020441214 - PP	T2576	Performance Management System	60	CO1	Understand the concepts and key constituents of PMS	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	
34					60	CO2	Understand the importance of PMS in business context	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	
34					60	CO3	Select appropriate measurement techniques for evaluation	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	
34					60	CO4	Designing supportive PMS	-	-	-	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	Strong-H	
34					60	CO5	Categorize the performance standards and develop performance objectives for business scenario	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	

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35	SEM II	020441215 - PP	T2296	Compensation and Reward Management	60	CO1	Understand key concepts and theories from compensation and apply them to actual compensation problems in firms.	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H
35					60	CO2	Understand how to conduct & interpret basic statistical analysis of compensation data and design a compensation and benefits system to motivate workers	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
35					60	CO3	Understand key issues in performance measurement for the purpose of compensation.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L
35					60	CO4	Analyze a firm's compensation system, legal & tax context, evaluate its strengths and weaknesses and propose changes to improve it.	Weak-L	-	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
35					60	CO5	Understand how the various features & components of compensation systems influence attraction, retention and turnover.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
36	SEM II	020441215 - PP	T2296	Compensation and Reward Management	60	CO1	Understand key concepts and theories from compensation and apply them to actual compensation problems in firms.	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H
36					60	CO2	Understand how to conduct & interpret basic statistical analysis of compensation data and design a compensation and benefits system to motivate workers	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
36					60	CO3	Understand key issues in performance measurement for the purpose of compensation.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L
36					60	CO4	Analyze a firm's compensation system, legal & tax context, evaluate its strengths and Weak-Hnesses and propose changes to improve it.	Weak-L	-	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
36					60	CO5	Understand how the various features & components of compensation systems influence attraction, retention and turnover.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
36					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
37	SEM II	020441216 - PP	T2283	Direct Taxation	60	CO1	To recommend effective talent acquisition techniques	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Moderate-M
37					60	CO2	Able To understand the competencies and distinguish between types of competencies	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Strong-H	-
37					60	CO3	Able To identify how to build a talent pipeline to meet an organization's human capital needs	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L

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37					60	CO4	Able To create a personal development plan and engage in pursuits to accomplish professional goals	Weak-L	-	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
37					60	CO5	Able To develop a diagnostic and conceptual understanding of the management of talent in the organization	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
37					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
38	SEM II	020441216 - PP	T2283	Talent Management	60	CO1	To recommend effective talent acquisition techniques	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M
38					60	CO2	Able To understand the competencies and distinguish between types of competencies	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Strong-H	-
38					60	CO3	Able To identify how to build a talent pipeline to meet an organization's human capital needs	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L
38					60	CO4	Able To create a personal development plan and engage in pursuits to accomplish professional goals	Weak-L	-	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
38					60	CO5	Able To develop a diagnostic and conceptual understanding of the management of talent in the organization	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
39	SEM II	020441217 - PP	T2284	Learning and Development	60	CO1	Understanding the strategic importance of Training and development	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	Weak-L	Moderate-M	Weak-L
39					60	CO2	Know the basic frame-work of training and development form an organizational development process	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	Weak-L	Moderate-M	Weak-L
39					60	CO3	Develop the capabilities of applying the principles of instructional system design	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
39					60	CO4	Understand the dynamics of training development as a part of Talent Management	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H
39					60	CO5	Enable students to apply different training methodologies & critically analyse various evaluations models.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
40	SEM II	020441217 - PP	T2284	Learning and Development	60	CO1	Understanding the strategic importance of Training and development	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	Weak-L	Moderate-M	Weak-L
40					60	CO2	Know the basic frame-work of training and development form an organizational development process	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	Weak-L	Moderate-M	Moderate-M
40					60	CO3	Develop the capabilities of applying the principles of instructional system design	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
40					60	CO4	Understand the dynamics of training development as a part of Talent Management	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H

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40					60	CO5	Enable students to apply different training methodologies & critically analyse various evaluations models.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	
40					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	
41	SEM II	020441218 - PP	T2281	Talent Acquisition	60	CO1	Understand key concepts and theories of talent management and apply them to real time talent acquisition/retention problems in firms.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	-	Strong-H	
41					60	CO2	To effectively conduct interviews & interpret basic personality/KSA evaluations of potential candidates and design an individual career plan to attract and retain good employees.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	
41					60	CO3	To compare and contrast the forecasting techniques, types of recruitment and selection methods	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	
41					60	CO4	to understand latest staffing strategies ,trends and best practices in Talent Acquisition	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	
41					60	CO5	To be aware of the potential use of technology in HRM,the legal and cross cultural aspects of TA strategies as well as its ROI	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
42	SEM II	020441218 - PP	T2281	Talent Acquisition	60	CO1	Understand key concepts and theories of talent management and apply them to real time talent acquisition/retention problems in firms.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	
42					60	CO2	To effectively conduct interviews & interpret basic personality/KSA evaluations of potential candidates and design an individual career plan to attract and retain good employees.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	
42					60	CO3	To compare and contrast the forecasting techniques, types of recruitment and selection methods	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	
42					60	CO4	to understand latest staffing strategies ,trends and best practices in Talent Acquisition	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	
42					60	CO5	To be aware of the potential use of technology in HRM,the legal and cross cultural aspects of TA strategies as well as its ROI	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
43	SEM II	020441219 - PP	T2055	Behavioural Finance	60	CO1	To Understand the behavior of Investors	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	
43					60	CO2	To understand the application of psychology in financial markets	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	

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43					60	CO3	Heuristics, Cognitive biases, Human behavior & Investment Strategies	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Weak-L	Strong-H
43					60	CO4	Market over reaction, under reaction, financial crisis, Investment frauds, scams & Mis-selling of financial products	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	-
43					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
43					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
44	SEM II	020441220 - PP	T2011	Commercial Banking	60	CO1	Understand and Analyse the various functions and the operations of a commercial bank.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
44					60	CO2	Understand the roles and Functions of the Banking Regulator and Monetary Policies	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H
44					60	CO3	The Management aspect of a Bank. Profitability factors, financial statements, challenges, opportunities and growth	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Weak-L	Strong-H
44					60	CO4	Treasury Operations. Products and services for generating Income from Interest, Foreign Exchange, Capital Market exposures and Fee Based distribution commission	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	-
44					60	CO5	Credit Process, Risk Management, BASEL norms, Asset Liability Management	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
44					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
45	SEM II	020441220 - PP	T2011	Commercial Banking	60	CO1	Understand and Analyse the various functions and the operations of a commercial bank.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
45					60	CO2	Understand the roles and Functions of the Banking Regulator and Monetary Policies	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H
45					60	CO3	The Management aspect of a Bank. Profitability factors, financial statements, challenges, opportunities and growth	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Weak-L	Strong-H
45					60	CO4	Treasury Operations. Products and services for generating Income from Interest, Foreign Exchange, Capital Market exposures and Fee Based distribution commission	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	-
45					60	CO5	Credit Process, Risk Management, BASEL norms, Asset Liability Management	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
46	SEM II	020441221 - PP	T2034	Financial Management	60	CO1	To evaluate risk and return from the perspective of investor and firm, including understanding of WACC	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H

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49					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
49					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
50	SEM II	020441223 - PP	T2015	Introduction to Financial Markets and Institutions	60	CO1	Understand the financial environment consisting Markets, Constituents, Intermediaries and Regulators	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Weak-L	Moderate-M
50					60	CO2	Describe & Analyze the structure, functions and roles of financial markets and institution	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H
50					60	CO3	Examine the role of regulators in supervising the Intermediaries and Markets	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
51	SEM II	020441224 - PP	T2856	Taxation	60	CO1	COMPUTING INCOME UNDER VARIOUS HEADS	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Weak-L	Moderate-M
51					60	CO2	UNDERSTANDING EXCLUSIONS FROM INCOME	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H
51					60	CO3	UNDERSTANDING DEDUCTIONS FROM INCOME	Moderate-M	Strong-H	Weak-L	-	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Strong-H
51					60	CO4	TAX RATES , TAX PAYMENTS , RETURNS AND ASSESSMENTS	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
51					60	CO5	TAX PLANNING	Moderate-M	Strong-H	Strong-H	Weak-L	-	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	-
52	SEM II	020441225 - PP	T2222	Advanced Operations Research	60	CO1	To enable students to synthesize and solve real life decision making problems in operations industry	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
52					60	CO2	To equip students to capitalize on the power of Operations Research (OR) in resource management	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
52					60	CO3	To demonstrate the power of OR in addressing strategy and competitiveness	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Weak-L	Strong-H
52					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
52					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
52					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
53	SEM II	020441226 - PP	T2174	Materials Management	60	CO1	To review concepts of Materials management and its relevance in supply chains	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
53					60	CO2	To evaluate vendor performance in materials management	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H
53					60	CO3	To develop strategy of inventory analysis and replenishment models	Strong-H	Strong-H	-	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	-	Moderate-M
53					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
53					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
53					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
54	SEM II	020441227 - PP	T2190	Operations Planning and Scheduling	0	CO1	To analyze the characteristics of detailed capacity planning process.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H

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54					0	CO2	To examine supply and demand planning for mid to long term demand.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M
54					0	CO3	To analyze translation of the product level plans and schedules into requirements	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
54					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
54					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
54					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
55	SEM II	020441227 - PP	T2190	Operations Planning and Scheduling	60	CO1	To analyze the characteristics of detailed capacity planning process.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
55					60	CO2	To examine supply and demand planning for mid to long term demand.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M
55					60	CO3	To analyze translation of the product level plans and schedules into requirements	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
56	SEM II	020441228 - PP	T2193	Project Management	60	CO1	To understand and learn major aspects of project management	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
56					60	CO2	To discuss various concepts, tools & techniques of project management.	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Moderate-M
56					60	CO3	To discuss various issues related to project planning and scheduling	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
56					60	CO4	To discuss various issues in project evaluation.	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Moderate-M
56					60	CO5	To analyze and categorize the different risks involved in project management	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
56					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
57	SEM II	020441228 - PP	T2193	Project Management	60	CO1	To understand and learn major aspects of project management	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
57					60	CO2	To discuss various concepts, tools & techniques of project management.	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Moderate-M
57					60	CO3	To discuss various issues related to project planning and scheduling	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
57					60	CO4	To discuss various issues in project evaluation.	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Moderate-M
57					60	CO5	To analyze and categorize the different risks involved in project management	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
58	SEM II	020441229 - PP	T2163	Quality Management	60	CO1	To Develop understanding of Quality Management	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Strong-H
58					60	CO2	To Analyze various options related to Quality	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L
58					60	CO3	To Understand Importance of Quality Management	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M

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58					60	CO4	To emphasise value of Quality Management in operations	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M
58					60	CO5	To be able to define performance Metrix for Qua	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	Strong-H	Strong-H	Strong-H	-	Moderate-M	Strong-H
58					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
59	SEM II	020441230 - PP	T2827	Supply Chain Management	60	CO1	To describe the fundamentals of Supply Chain Management and its applications	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
59					60	CO2	To describe issues in Global SCM	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Weak-L	Strong-H
59					60	CO3	To demonstrate importance of supply chain in the Business Operations	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	-
59					60	CO4	To analyze the application of various supply chain concepts in the Industry.	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Weak-L	Strong-H
59					60	CO5	To evaluate performance measures for Supply Chain Networks in organizations	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
59					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
60	SEM II	020441230 - PP	T2827	Supply Chain Management	60	CO1	To describe the fundamentals of Supply Chain Management and its applications	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
60					60	CO2	To describe issues in Global SCM	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Weak-L	Strong-H
60					60	CO3	To demonstrate importance of supply chain in the Business Operations	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	-
60					60	CO4	To analyze the application of various supply chain concepts in the Industry.	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Weak-L	Strong-H
60					60	CO5	To evaluate performance measures for Supply Chain Networks in organizations	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
61	SEM II	020441231 - PP	T2385	Software Engineering	60	CO1	To ensure the need for a more disciplined approach to software.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M
61					60	CO2	To furnish the student with the insights on software process models, software engineering methods and software tools.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
61					60	CO3	To learn and present the structural and object oriented approach in the software engineering.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H
61					60	CO4	To give hands on experience through case studies on each concept with software tools/techniques.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H
62	SEM II	020441232 - PP	T3088	Management Information Systems	60	CO1	Introducing to MIS and its application in Organization	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
62					60	CO2	It is expected that students are able to understand the usage of IS in Management	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Weak-L	Strong-H

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62					60	CO3	Would understand the activities that are undertaken in acquiring an IS	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	-
62					60	CO4	Analysing System Development and project management methodologies	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Weak-L	Strong-H
62					60	CO5	Awareness on IS like ERP, CRM, DW and the issues in successful implimentation of these technologies	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
62					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
63	SEM II	020441233 - PP	T3138	CRM Systems	60	CO1	Introduction to CRM	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M
63					60	CO2	Introduction to Customer Lifetime Value	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	Strong-H	Strong-H	Strong-H	-	Moderate-M	Strong-H
63					60	CO3	Introduction Customer centric culture	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
63					60	CO4	Introduction Customer acquisition	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Moderate-M
63					60	CO5	Introduction Customer retention	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
64	SEM II	020441234 - PP	T3076	Enterprise Resource Planning	60	CO1	Define Enterprise Systems in general and explain the concept of ERP and its inter-connectedness to the sub-systems. Understand the risks and benefits of ERP.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
64					60	CO2	Compare and contrast the growth and maturity of ERP Systems from past to present.	Strong-H	Strong-H	Weak-L	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	-
64					60	CO3	Understanding ERP architecture, life cycle and Business process integration. Understand the implementation process..	Strong-H	Strong-H	-	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H
64					60	CO4	Develop ability to relate domain knowledge to ERP configuration, evaluate and reflect from user acceptance standpoint	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H
64					60	CO5	Analyze the role of Consultants, Vendors and Employees.	Moderate-M	Weak-L	Weak-L	Strong-H	-	Strong-H	-	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
65	SEM II	020441236 - PP	T2034	Business, Government and the Global Political Economy	60	CO1	Compare and contrast the interdependence between business and government in various countries across the world.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
65					60	CO2	Analyse the ways in which states regulate industry, and the influence of business on government policy.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
65					60	CO3	Interpret the current issues affecting business and government relations	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H

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69	SEM II	020441238 - PP	T2386	Software Quality Systems	60	CO1	To introduce the student managers to the more widely used software quality systems.	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	
69					60	CO2	The students will understand the concepts behind these standards and models and become familiar with the terminology associated with the same.	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	
69					60	CO3	They will also understand the audit and assessment processes	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	
69					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-	
69					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-	
69					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	
70	SEM II	020441239 - PP	T2387	Global Business Environment	60	CO1	To develop key conceptual understanding of Global Business Environment and understand various parties and processes involved in the international trade	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	-	Moderate-M	
70					60	CO2	To study step by step procedures and formalities involved in the global business environment	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
70					60	CO3	To understand various documents needed in the process of exports and imports with the help of samples	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	
70					60	CO4	To study concept and understand various types of international commercial terms	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	
70					60	CO5	To understand concept, contents and various methods of availing pre-shipment and post- shipment export finance	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	
70					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	
71	SEM II	020441240 - PP	T2015	International Development and International Business	60	CO1	Discuss the various ways in which business can promote international development	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	
71					60	CO2	Compare and contrast business models and product innovation that can utilize markets to address the needs of the poor	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	
71					60	CO3	Interpret strategies for overcoming obstacles in implementing business models for development	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	
72	SEM II	020441241 - PP	T2593	International Logistics	60	CO1	Analyze the basic operation of each of the components of logistics system	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	
72					60	CO2	Compare & contrast the systems nature of the logistics process	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	

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76	SEM II	020441244 - PP	T2297	HRD Audit and Scorecard	60	CO1	Understanding what makes HR Strategic and how it helps business	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M
76					60	CO2	Understanding what is HR Audit and its importance	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M
76					60	CO3	Understanding how to design a HR Audit	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
76					60	CO4	Understand what is score card and its importance	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M
76					60	CO5	Understanding how to create scorecards	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M
76					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
77	SEM II	020441245 - PP	T2500	Corporate Accounting	60	CO1	Understand the role of Analysis of Financial Statements in organizations and the factors shaping that role.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
77					60	CO2	Understand the scope and process of Corporate Accounting .	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
77					60	CO3	Apply key Accounting techniques to understand decision making process.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
77					60	CO4	Analyze performance to find out strengths and Weak-Hnesses, manipulations and Financial Distress.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Moderate-M	Moderate-M
77					60	CO5	Understand the importance of ethical Accounting practices.	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	-
77					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
78	SEM II	020441246 - PP	T2049	Introduction to Trade Finance and FOREX	60	CO1	To study concepts, theory and practices in the area of Trade Finance and FOREX	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H
78					60	CO2	To illustrate different issues in cross border transactions related to International trade and investments	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H
78					60	CO3	To analyze cost of raising funds and cost of risk management.	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
78					60	CO4	To evaluate various risk management strategies.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H
78					60	CO5	To study different sources of raising finance for interanional trade (Exports and Imports)	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L
78					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
79	SEM II	020441247 - PP	T2045	Corporate Valuation	60	CO1	Introduction to corporate valuation. Understanding the purpose of doing a corporate valuation and managing stakeholder expectations.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
79					60	CO2	Understand key valuation methodologies and their implementation across the lifecycle of a company.	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H

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79					60	CO3	Understand Mergers & Acquisition and related valuation/terminologies.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H
79					60	CO4	Understand the difference between private company/startup and public company valuations along with IPO valuation.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
79					60	CO5	Understand contingent claim valuation, real options and brand valuation.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
79					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
80	SEM II	020441248 - PP	T2330	Business Modeling and Business Plan	60	CO1	Understand the essentials of a Business Model	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H
80					60	CO2	Create a detailed business plan for an identified business idea	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
80					0	CO3		-	-	-	-	-	-	-	-	-	-	-	-
80					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
80					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
80					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
81	SEM II	020441249 - PP	T2328	Introduction to Entrepreneurship	60	CO1	To have an insight about the lives of different entrepreneurs	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Moderate-M
81					60	CO2	To outline qualities and comprehend the concept of entrepreneurship	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
81					60	CO3	To discuss various processes involved in entrepreneurial venture	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
81					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
81					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
81					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
82	SEM II	020441250 - PP	T2352	Retail Distribution and Logistics	60	CO1	Critically analyse the role and importance of logistics in the formation of business strategy for retail .	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
82					60	CO2	Develop relationship between logistics operating areas and their interrelationships.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H
82					60	CO3	Design mechanism to reduce cost involved in retail logistics	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
82					60	CO4	Strengthen integrative management analytical and problem-solving skills in retail logistics.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
82					60	CO5	Design cost reduction models in retail logistics.	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
82					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
83	SEM II	020441251 - PP	T2339	Retail Merchandising and Buying	60	CO1	Critically analyse the elements in merchandising and buying	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H

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83					60	CO2	Evaluate the role Buying and sourcing in retailing	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
83					60	CO3	Compare and contrast the value of retail merchandising as a valuable managerial tool	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
83					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
83					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
83					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
84	SEM II	020441252 - PP	T2329	Retail Store Operations Management	60	CO1	Critically analyse the elements of Retail Store Operation Management	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M
84					60	CO2	Evaluate the role of Retail Store Operation Management in retail business strategy	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
84					60	CO3	Synthesise relationship between various activities involved in Retail Store Operation Management.	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
84					60	CO4	To explore the objectives of Good Store Design	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M
84					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
84					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
85	SEM III	020441301 - PP	T3167	Introduction to Business Intelligence	60	CO1	To introduce the concept of data warehousing with special emphasis on architecture and design	-	-	-	Strong-H	Strong-H	-	-	-	-	-	Moderate-M	Moderate-M
85					60	CO2	To introduce the concept of data mining with in detail coverage of basic tasks, metrics, issues, and implication.	-	-	-	Strong-H	Strong-H	-	-	-	-	-	Weak-L	Weak-L
85					60	CO3	Explanation & Introductions to database and data mining concepts with particular emphasis on data analysis.	-	-	-	Strong-H	Strong-H	-	-	-	-	-	Strong-H	Weak-L
85					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
85					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
85					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
86	SEM III	020441302 - PP	T2253	Strategic Management	60	CO1	Understand the concept of strategy, its evolution, different levels of strategy. Strategic Management and its benefits, to understand the importance and process of setting up of corporate vision, mission and objects	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H
86					60	CO2	Understanding environmental scanning, the methods and techniques for environmental scanning, SWOT Analysis, PESTLE Analysis	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	-	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L

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86					60	CO3	To understand the framework of Corporate Level Strategies through decisions relating to product diversity, international diversity and globalization, corporate policies, diversification decisions, portfolio planning (BCG Matrix)	Moderate-M	Strong-H	Weak-L	-	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
86					60	CO4	Understand the Internal Analysis of an Organization through analysing strategic capabilities, resources, core competence. VRIO framework, Porter's value chain and it's analysis, To understand the concept of Porter's competitive strategies - low cost, differentiation, niche/focus	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
86					60	CO5	Understand the concept of structure, relationship between strategy and structure, ethics and governance, Understand Managing Change - using the McKinsey 75 model for change management and analyse in Business environment	Moderate-M	Strong-H	Strong-H	Weak-L	-	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
86					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
87	SEM III	020441303 - PP	T6011	Case Study Writing and Analysis Method	60	CO1	The skills of case study writing, by knowing some of the Do's and Don'ts of the case study writing	Weak-L	-	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
87					60	CO2	Ability to evaluate a problem, make decisions, and argue a point of view	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
87					60	CO3	Ability to think in terms of the problems faced by an administrator	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Weak-L	Moderate-M
87					60	CO4	Ability to collect the facts and figures of any topic and put that all in a structured form	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
87					60	CO5	Better writing skill	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
87					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
88	SEM III	020441304 - PP	T2802	Capstone Project and Defence	60	CO1	Recognize opportunities and evaluate potential for business success, and consider implementation issues including financial, operational and administrative procedures involved in running a business venture	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
88					60	CO2	Define markets and apply marketing concepts and principles using a customer focus to effectively sell products and services	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M

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88					60	CO3	Describe the concept of competitive advantage: participants should have a sound and workable comprehension and how it may be achieved through strategic and tactical methods.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M
88					60	CO4	Interpret and analyze accounting information for internal control, planning, performance evaluation, and coordination to continuously improve business processes	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	Strong-H	Moderate-M	Weak-L
88					60	CO5	Effective business management: Develop graduates with rigorous understanding of core business functions and with problem-solving skills reflecting an integration of functional perspectives. Graduates should be prepared to assume positions of leadership and contribute immediately to the improved performance of their organizations.	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
88					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
89	SEM III	020441305 - PP	T3348	Design Thinking	60	CO1	Develop an understanding of current context and competitive nature of International marketing environment	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M
89					60	CO2	Apply the knowledge and skills to devise and implement appropriate marketing strategy	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M
89					60	CO3	Appraise themselves with various current marketing tools and practices for successful strategies to enter, conquer & sustain in the foreign markets & eventually earn a global presence required for an industry ready marketing professional	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
89					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
89					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
89					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
90	SEM III	020441306 - PP	T2900	Internship	60	CO1	Students will get exposure / experience of business and organisations functioning.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H
90					60	CO2	Develop understanding towards real business scenarios / organisation and its functions	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M
90					60	CO3	Get insight of the practical aspects while working in the functional area of specialisation	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M

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93	SEM III	020441309 - PP	T2291	International Human Resource Management	60	CO1	The objective of this course is to enable students to be more sensitive to cross-cultural issues and understanding of international approaches to dealing with people in organizations	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
93					60	CO2	The course seeks to look at HRM in a broader, comparative and international perspective to deal with complex issues and manifold risks	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M
93					0	CO3		-	-	-	-	-	-	-	-	-	-	-	-
93					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
93					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
93					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
94	SEM III	020441310 - PP	T2290	Leadership and Capacity Building	60	CO1	To Develop Leadership Capabilities	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L
94					60	CO2	To Analyze Importance of Teamwork	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H
94					60	CO3	To Understand Importance of Ethical Leadership	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
94					60	CO4	To emphasize value of Life-long Learning about leadership	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H
94					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
94					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
95	SEM III	020441311 - PP	T2575	Organizational Development and Change	60	CO1	To provide valuable insight about the meaning and need for organization change for maintaining the effectiveness of the organization.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
95					60	CO2	To provide valuable insight about the meaning and need for organization development for maintaining the effectiveness of the organization.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
95					60	CO3	To help students analyze different organization Interventions for achieving the organizational goals.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
95					60	CO4	To help students apply and conduct different organization Interventions for achieving the organizational goals.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
95					60	CO5	To help students design and implement different organization Interventions for achieving the organizational goals.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
96	SEM III	020441311 - PP	T2575	Organizational Development and Change	60	CO1	To provide valuable insight about the meaning and need for organization change for maintaining the effectiveness of the organization.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H

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96					60	CO2	To provide valuable insight about the meaning and need for organization development for maintaining the effectiveness of the organization.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	
96					60	CO3	To help students analyze different organization Interventions for achieving the organizational goals.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	
96					60	CO4	To help students apply and conduct different organization Interventions for achieving the organizational goals.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
96					60	CO5	To help students design and implement different organization Interventions for achieving the organizational goals.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
96					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	
97	SEM III	020441312 - PP	T2760	Strategic Human Resource Management	60	CO1	Understand the role of Strategic human resource management in organizations and the factors shaping that role.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	-	Moderate-M	Moderate-M	Weak-L	
97					60	CO2	Understand the financial impact of HRM activities on organizations.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Weak-L	Moderate-M	
97					60	CO3	Understand how HRM contributes to organizational strategy and planning.	-	-	-	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	Weak-L	
97					60	CO4	Apply key course concepts to actual HRM problems in organizations.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Weak-L	Moderate-M	
97					60	CO5	Analyze a firm's HRM system, evaluate its strengths and Weak-Lnesses, and propose changes to improve it.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	
97					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	
98	SEM III	020441313 - PP	T3120	Software Project Management	60	CO1	Understand the fundamental principles of Software Project management & will also have a good knowledge of responsibilities of project manager and how to handle these.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	
98					60	CO2	Be familiar with the different methods and techniques used for project management	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	
98					60	CO3	By the end of this course student will have good knowledge of the issues and challenges faced while doing the Software project Management and will also be able to understand why majority of the software projects fails and how that failure probability can be reduced effectively	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	

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98					60	CO4	W ill be able to do the Project Scheduling, tracking, Risk analysis, Quality management and Project Cost estimation using different techniques	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H
98					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
98					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
99	SEM III	020441314 - PP	T3185	Cases in Information Technology	60	CO1	Solve business problems though the use of information systems and technology.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H
99					60	CO2	Design and implement information systems	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H
99					60	CO3	earning to deal with various IT problems coming up in day to day activities and different ways in resolving them by learning different case study related to the IT sector	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	-
99					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
99					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
99					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
100	SEM III	020441315 - PP	T3168	Cloud Management	60	CO1	To understand Cloud Concepts	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H
100					60	CO2	To understand cloud infrastructure	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M
100					60	CO3	To understand Virtualised Data Centre	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
100					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
100					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
100					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
101	SEM III	020441316 - PP	T3181	CRM	60	CO1	To make the students understand the organizational need, benefits and process of creating long-term value for individual customers	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M
101					60	CO2	To disseminate knowledge regarding the concept of e-CRM and e-CRM technologies.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
101					60	CO3	To enable the students understand the technological and human issues relating to implementation of Customer Relationship Management in the organizations	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H
101					60	CO4	Understand the basic concepts of Customer relationship management.	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M
101					60	CO5	To understand marketing aspects of Customer relationship management.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L
101					60	CO6	Learn basics of analytical Customer relationship management.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H

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102	SEM III	020441316-PP	T3181	CRM	60	CO1	To make the students understand the organizational need, benefits and process of creating long-term value for individual customers	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
102					60	CO2	To disseminate knowledge regarding the concept of e-CRM and e-CRM technologies.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
102					60	CO3	To enable the students understand the technological and human issues relating to implementation of Customer Relationship Management in the organizations	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
102					60	CO4	Understand the basic concepts of Customer relationship management.	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M
102					60	CO5	To understand marketing aspects of Customer relationship management.	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H
102					60	CO6	Learn basics of analytical Customer relationship management.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M
103	SEM III	020441317-PP	T2149	Marketing in Emerging Economies	60	CO1	To develop the knowledge about emerging markets	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
103					60	CO2	To develop the required skills to deal in emerging market situation	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
103					60	CO3	To analyse the various market strategies in emerging economies	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H
103					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
103					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
103					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
104	SEM III	020441318-PP	T2139	Digital Marketing	60	CO1	Assess and analyse Internet marketing and further utilize it for marketing communication options	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	-	Moderate-M
104					60	CO2	Compare and contrast different tools and techniques available for Digital marketing and suggest in final marketing strategy	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L
104					60	CO3	Evaluate and prepare digital marketing strategies using latest trends	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Weak-L
104					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
104					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
104					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
105	SEM III	020441319-PP	T2127	Integrated Marketing Communication	60	CO1	Familiarize with major IMC concepts and their application to real world business situations.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H
105					60	CO2	Formulate & Assess IMC Decisions.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M

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105					60	CO3	Connect IMC strategies & tactics with real world business issues and solutions therefor.	-	-	-	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
105					60	CO4	Plan IMC Strategies & Communicate the same to the target audience.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Moderate-M	-	
105					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-	
105					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	
106	SEM III	020441320 - PP	T2588	Retail Management	60	CO1	Create real time market decisions in retail through understanding of concepts and their application	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	Moderate-M	Moderate-M	Strong-H	Weak-L	
106					60	CO2	Design retail marketing strategies to increase sales and generate revenue	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	
106					60	CO3	Evaluate retail competition through different techniques	-	-	-	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	
106					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-	
106					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-	
106					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	
107	SEM III	020441321 - PP	T2153	International Marketing	60	CO1	Develop an understanding of current context and competitive nature of International marketing environment	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	-	Moderate-M	
107					60	CO2	Apply the knowledge and skills to devise and implement appropriate marketing strategy	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M
107					60	CO3	Appraise themselves with various current marketing tools and practices for successful strategies to enter, conquer & sustain in the foreign markets & eventually earn a global presence required for an industry ready marketing professional	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	
107					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-	
107					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-	
107					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	
108	SEM III	020441322 - PP	T2152	Business to Business Marketing	60	CO1	Develop insight into Organizational buying behavior in very competitive situations	Strong-H	-	-	Strong-H	-	-	-	-	-	-	Strong-H	Moderate-M	
108					60	CO2	Analyse and examine the globalized, business-to-business environments and similarities and differences between Business-to-Business Marketing and Consumer Marketing Organizational buying behavior in very competitive situations	Strong-H	-	-	Strong-H	-	-	-	-	-	-	Weak-L	Weak-L	

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108					60	CO3	Apply the knowledge and skills for devising implementable industrial marketing strategies	Strong-H	-	-	Strong-H	-	-	-	-	-	-	-	Weak-L
108					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
108					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
108					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
109	SEM III	020441323 - PP	T2121	Customer Relationship Management	60	CO1	Familiarize with major marketing concepts and their application to real world business situations	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M
109					60	CO2	Formulate & Assess Marketing Decisions.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
109					60	CO3	Connect marketing strategies & tactics with real world business issues and solutions therefor.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H
109					60	CO4	Plan Marketing Strategies & Communicate the same to relevant role holders.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L
109					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
109					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
110	SEM III	020441324 - PP	T2302	Technology in HR /SAP HR/ People Soft	60	CO1	Understand what makes HR more effective in this age of disruptive Technological advancement	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
110					60	CO2	Understand more about Technologies impacting HR	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
110					60	CO3	Understand what is system / ERP	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
110					60	CO4	Understand process lifecycle of key HR function inline with SAP HCM	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
110					60	CO5	Understand how to many technological change	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Moderate-M	Moderate-M
110					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
111	SEM III	020441325 - PP	T2298	Coaching, Counseling and Mentoring	60	CO1	Be able to understand and explain the nature of helping relationships (CCM) and the factors that influence a persons behavior; the difference between Coaching, Mentoring, Counseling	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M
111					60	CO2	Appreciate the Importance of EI and Self-awareness as critical components of a helping relationship - the impact of ones own emotional state on interactions.	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Weak-L	Strong-H
111					60	CO3	Understanding and grasp of the key skills required for Coaching, Mentoring, Counseling	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M
111					60	CO4	Acquire Knowledge of alternative Coaching Models and approaches	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Weak-L	Moderate-M

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111					60	CO5	Develop familiarity with coaching styles and difficulties encountered (through role plays & caselets)	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M
111					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
112	SEM III	020441326 - PP	T2301	HR Challenges in Mergers and Acquisitions	60	CO1	To understand the conceptual framework of Mergers and Acquisitions	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M
112					60	CO2	To study various HR issues in Merges and Acquisitions	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	-	Moderate-M	Strong-H	Moderate-M
112					60	CO3	To prepare a list of HR competencies for successful implementation of M & As	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H
112					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
112					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
112					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
113	SEM III	020441327 - PP	T2073	International Finance	60	CO1	Describe the functioning of International markets	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H
113					60	CO2	Evaluate the nature of Forex markets, International risk management and hedging instruments	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
113					60	CO3	Compare and contrast different instruments used in the forex markets	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L
113					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
113					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
113					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
114	SEM III	020441328 - PP	T2674	Investment Banking	60	CO1	Explain the activities, structure, management and practices of investment banking (IB)— from larger more universal players to boutique operations, from historic to current	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
114					60	CO2	Understand the role of IB as Investment decision makers in business - in raising capital sources	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
114					60	CO3	Apply the intellectual framework used in the investment banking process: financial analysis, valuation and the mechanics of past mergers & acquisition deal structuring.	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
114					60	CO4	Determine the role of the IB as financial advisor and its significance in securing and facilitating IB business opportunities.	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	-	Moderate-M
114					60	CO5	compose and compile the reasons for the failure of investment banks during the financial crises and discuss the possible measures to be taken	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L

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114					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
115	SEM III	020441328 - PP	T2674	Investment Banking	60	CO1	Explain the activities, structure, management and practices of investment banking (IB)— from larger more universal players to boutique operations, from historic to current	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
115					60	CO2	Understand the role of IB as Investment decision makers in business - in raising capital sources	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
115					60	CO3	Apply the intellectual framework used in the investment banking process: financial analysis, valuation and the mechanics of past mergers & acquisition deal structuring.	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
115					60	CO4	Determine the role of the IB as financial advisor and its significance in securing and facilitating IB business opportunities.	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	-	Moderate-M
115					60	CO5	compose and compile the reasons for the failure of investment banks during the financial crises and discuss the possible measures to be taken	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
116	SEM III	020441329 - PP	T2043	Security Analysis and Portfolio Management	60	CO1	Understand the process of investment and features of different investment alternatives available and the corresponding risk & return profiles	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	Weak-L	Strong-H	Weak-L
116					60	CO3	Perform & Explain the significance of Fundamental and Technical Analysis and Appraise various theories of Portfolio management	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
116					60	CO4	Create and evaluate a portfolio in terms of risk and return	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L
116					60	CO5	Apply decision making skills in analysing markets for effective portfolio management	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H
116					60	CO6	Investment Analysis and Portfolio Management by Dr.Prasanna Chandra Securities Analysis & Portfolio Management- Donald Fischer, J Jordan	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M
117	SEM III	020441329 - PP	T2043	Security Analysis and Portfolio Management	60	CO1	Understand the process of investment and features of different investment alternatives available and the corresponding risk & return profiles	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	Weak-L	Strong-H	Weak-L
117					60	CO2	Understanding of financial markets, it is operations and functions	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	Weak-L	Moderate-M	Moderate-M

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117					60	CO3	Perform & Explain the significance of Fundamental and Technical Analysis and Appraise various theories of Portfolio management	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	
117					60	CO4	Create and evaluate a portfolio in terms of risk and return	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	-	
117					60	CO5	Apply decision making skills in analysing markets for effective portfolio management	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	
117					60	CO6	Investment Analysis and Portfolio Management by Dr.Prasanna Chandra Securities Analysis & Portfolio Management- Donald Fischer, J Jordan	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	-	Strong-H	Weak-L	Weak-L	Moderate-M	
118	SEM III	020441330 - PP	T2013	Derivative Markets	60	CO1	To study advanced concepts, theory and applications in the area of complex projects in global environment.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	
118					60	CO2	To illustrate issues in designing project organization and teams in cross - cultural, socio-economic, technology driven global environment	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
118					60	CO3	To analyze project cost, quality and risk management	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	
118					60	CO4	To evaluate various project management strategies.	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	
118					60	CO5	Real time Construction & Evaluation of different Trading models, F&O combinations, payoffs using calculations and graphical analysis	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	-	-	Strong-H	-	Moderate-M	Weak-L	Strong-H	
118					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	
119	SEM III	020441331 - PP	T2051	Financial Modeling	60	CO1	Learn spread sheet functions and investment tools as building blocks of financial modeling framework	Strong-H	-	-	-	-	-	-	-	-	-	Weak-L	Weak-L	
119					60	CO2	Learn perspective of project financing and Financial Modeling Framework using Financial statements of a business	Strong-H	-	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	
119					60	CO3	Project finance modeling	Strong-H	-	-	-	-	-	-	-	-	-	Weak-L	Strong-H	
119					60	CO4	Advanced concepts in Financial Modeling - Tax Modeling and RISK analysis	Strong-H	-	-	-	-	-	-	-	-	-	Weak-L	Strong-H	
119					60	CO5	Equity Research modeling	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L	
119					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	
120	SEM III	020441332 - PP	T2056	Financial Risk Management	60	CO1	Explain various concepts in Financial risk management	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Strong-H	
120					60	CO2	Compare and contrast the various types of risk	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	-	Strong-H	Weak-L	Moderate-M	Weak-L	

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120					60	CO3	Appraise the impact of different risks on the operations and performance of a firm	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
120					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
120					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
120					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
121	SEM III	020441333 - PP	T2502	Wealth Management	60	CO1	Understand the Wealth Management methodologies used on a global level, Ethics and Responsibilities of a Wealth Manager	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
121					60	CO2	Understand the importance of detailed Financial Planning and Risk assessment prior to finalising portfolios	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L
122	SEM III	020441333 - PP	T2502	Wealth Management	60	CO1	Understand the Wealth Management methodologies used on a global level, Ethics and Responsibilities of a Wealth Manager	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
122					60	CO2	Understand the importance of detailed Financial Planning and Risk assessment prior to finalising portfolios	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L
122					60	CO3	Understanding Behavioral Finance & Importance of Asset Allocation for over all performance of portofios	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
122					60	CO4	Creating Core and Satellite portfolios using diversified Asset classes	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L
122					60	CO5	Detailed study of Investment & Insurance Products, Performance Tracking, feature updates, dynamic Rebalancing & Tax planning	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H
122					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
123	SEM III	020441334 - PP	T2047	Mergers and Acquisitions	60	CO1	To Develop understanding of warehouse	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
123					60	CO2	To Analyze various options related to warehouse	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
123					60	CO3	To Understand Importance of warehouse Management	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
123					60	CO4	To emphasise value of warehouse Management in supply chain	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
123					60	CO5	To understand the success and failure stories of M&A cases in India & abroad to develop mangement skills	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
123					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
124	SEM III	020441335 - PP	T1324	Goods and Service Tax (GST) Law	60	CO1	Computing Tax Liability	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
124					60	CO2	Understanding Exemptions	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Weak-L	Strong-H

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124					60	CO3	Understanding Itc And Reliefs	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
124					60	CO4	Tax Rates , Tax Payments , Returns And Assessments	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Strong-H	Moderate-M
124					60	CO5	Tax Planning	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
124					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
125	SEM III	020441336 - PP	T2063	Project Feasibility and Financing	60	CO1	Understand the principle approaches driving project feasibility and financing in an ever changing corporate investment environment	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Weak-L	Strong-H	Strong-H	Strong-H
125					60	CO2	Understand the capital expenditure decision and related implications from an organizations perspective.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M
125					60	CO3	Understand how capex aligns with a companys organic or inorganic growth strategy.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M
125					60	CO4	Apply key course concepts to analyze actual capex or project feasibility and financing activities undertaken in the past by publicly listed companies.	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
125					60	CO5	Understanding the risks, legal and tax aspects associated with Project Feasibility and Financing.	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	-	Weak-L	Moderate-M
125					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
126	SEM III	020441337 - PP	T2169	Warehouse Management	60	CO1	To Develop understanding of warehouse	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
126					60	CO2	To Analyze various options related to warehouse	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
126					60	CO3	To Understand Importance of warehouse Management	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
126					60	CO4	To emphasise value of warehouse Management in supply chain	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
127	SEM III	020441337 - PP	T2169	e-Retailing	60	CO1	To know the application of e-Retailing in the markets	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
127					60	CO2	To develop the knowledge about emerging markets	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
127					60	CO3	To develop the required skills to deal in emerging market situation	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
127					60	CO4	To analyse the various market strategies in emerging economies	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H
127					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
127					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
128	SEM III	020441338 - PP	T2201	Advanced Project Management	60	CO1	To study advanced concepts, theory and applications in the area of complex projects in global environment.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L

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128					60	CO2	To illustrate issues in designing project organization and teams in cross - cultural, socio-economic, technology driven global environment	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
128					60	CO3	To analyze project cost, quality and risk management	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	
128					60	CO4	To evaluate various project management strategies.	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	
129	SEM III	020441339 - PP	T3076	Enterprise Resource Planning	60	CO1	Understand ERP concepts	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
129					60	CO2	Analysis for ERP	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
129					60	CO3	Understand ERP stages and activities	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L
129					60	CO4	Create ERP solutions	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L
129					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-	-
129					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	-
130	SEM III	020441340 - PP	T2187	Service Operations Management	60	CO1	Understand service concepts	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
130					60	CO2	Analysis of service operations	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
130					60	CO3	Measure service performance	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L
130					60	CO4	Create service operations solutions	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H
130					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-	-
130					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	-
131	SEM III	020441341 - PP	T2181	Supply Chain Strategy	60	CO1	To analyze different supply chain strategies for organization success	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
131					60	CO2	To construct different approaches to implement supply chain strategies	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
131					60	CO3	To review differnt supply chain strategies for efficiently managing the supply chain operations.	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M
131					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-	-
131					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-	-
131					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	-
132	SEM III	020441342 - PP	T2192	Technology and Innovation Management	60	CO1	To appreciate the art and science of managing systematic and systemic innovation as practiced by organizations world wide	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
132					60	CO2	To Introduce to students various tools, techniques and applications used towards corporate innovation management	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	

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135					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
135					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
136	SEM III	020441345 - PP	T2397	International Business and Global Strategy	60	CO1	Analyse the economic, political and social factors affecting International Business in various markets of the world	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
136					60	CO2	Construct specialized knowledge of business in one geographical region of the world	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
136					60	CO3	Compare and contrast business strategies in different contexts	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
137	SEM III	020441346 - PP	T2395	Multinational Management	60	CO1	Analyse the economic, political and social factors that affect the expansion of a firm across borders distinct from domestic expansion	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M
137					60	CO2	Compare and contrast the factors that affect the strategy and performance of a multinational firm	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H
137					60	CO3	Interpret how to organize and manage a multinational network of subsidiaries and transferring knowledge/technology across countries	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
137					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
137					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
137					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
138	SEM III	020441347 - PP	T2399	Operations and Diversity Management	60	CO1	Understand Operations Management principles & practices	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
138					60	CO2	Be able to analyze operations situations and challenges	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
138					0	CO3		-	-	-	-	-	-	-	-	-	-	-	-
138					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
138					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
138					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
139	SEM III	020441347 - PP	T2399	Operations and Diversity Management	60	CO1	Understand Operations Management principles & practices	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
139					60	CO2	Be able to analyze operations situations and challenges	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
140	SEM III	020441348 - PP	T2136	Sales Force and Channel Management	60	CO1	Analyze, differentiate and apply Domestic and Global Sales and distribution practices.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
140					60	CO2	Compose the tools and techniques necessary for designing , motivating and evaluating Sales force and Channel Management systems	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
140					60	CO3	Compare and summarize the future managers with application based knowledge in Sales Force and Channel Management	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
140					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
140					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
140					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
141	SEM III	020441349 - PP	T2346	Regulatory Framework For Entrepreneurs	60	CO1	Apply the Industrial policies fostering Entrepreneurship.	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
141					60	CO2	Name and recognize the essential labour laws applicable to Entrepreneurs	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M
141					0	CO3		-	-	-	-	-	-	-	-	-	-	-	-
141					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
141					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
141					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
142	SEM III	020441350 - PP	T2344	Marketing Strategies For Entrepreneurs	60	CO1	Comprehend the issues in marketing of products and services of entrepreneurs	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H
142					60	CO2	They will also be able to identify and reproduce the strategies in practical application.	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H
142					0	CO3		-	-	-	-	-	-	-	-	-	-	-	-
142					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
142					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
142					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
143	SEM III	020441351 - PP	T2332	Retail Franchising	60	CO1	Critically analyse the elements of Franchising	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H
143					60	CO2	Evaluate the role Franchising in retailing	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
143					60	CO3	To explore the objectives of franchising under given situation in given markets	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
143					60	CO4	Apply the operational processes to business problems Retail Store Operation Management	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
143					60	CO5	Develop operational strategy for resource optimization in Retail Store Operations	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M
143					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
144	SEM III	020441352 - PP	T2333	e-Retailing	60	CO1	Critically analyses the importance e- retailing in retailing business	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M
144					60	CO2	Compare and contrast the benefits of e- retailing over normal retailing	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H

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144					60	CO3	Explore the objectives of e-retailing under given situation for given products	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
144					60	CO4	Planning and preparation needed to drive e- retail activity	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
144					60	CO5	Apply the operational processes to business problems Retail Store Operation Management	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
144					60	CO6	Develop operational strategy for resource optimization in Retail Store Operations	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M
145	SEM III	020441353 - PP	T2334	Retail Strategy	60	CO1	To provide a framework to use in analyzing retailers' customer and competitive positioning	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
145					60	CO2	Critically analyses role and importance of Retail Strategy in formation business strategy	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H
145					60	CO3	Synthesize relationship between various elements involved in Retail Strategy.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
145					60	CO4	To provide insights into the ways in which Wall Street looks at retailers and how they value different companies	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M
145					60	CO5	Apply the communication processes to retail business problems	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
145					60	CO6	Develop communication plan for retailers effectively compete in the market	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
146	SEM IV	020441401 - PP	T2255	Advanced Strategic Management	60	CO1	analysing advanced issues in strategic management & learn to create competitive advantage	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
146					60	CO2	To implement strategy with various frameworks	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
146					60	CO3	Decision making with the help of environmenmtal scanning and business models	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
146					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
146					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
146					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
147	SEM IV	020441402 - PP	T3289	Business Intelligence I	60	CO1	Conceptual and practical knowledge of Business Analytics along with a sound understanding of management theory and practice	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
147					60	CO2	Understanding various Business problems with the help of Data Analysis	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Weak-L	Strong-H
147					60	CO3	The course will cover Tableau Public, Power BI Desktop and its DAX language	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	-

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147					60	CO4	The course will create the master in data Visualization and Dashboard	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Weak-L	Strong-H
147					60	CO5	To introduce the practical usage of various Business Intelligence Tools and its analysis through visualization	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
147					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
148	SEM IV	020441403 - PP	T2294	Conflict and Negotiation	60	CO1	To understand the concept of Conflict and evaluate both the positive and negative aspects of conflict.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
148					60	CO2	To apply, analyze and evaluate the practical skills required to resolve conflicts through negotiations	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L
148					0	CO3		-	-	-	-	-	-	-	-	-	-	-	-
148					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
148					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
148					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
149	SEM IV	020441404 - PP	T2254	Game Theory for Strategic Thinking	60	CO1	Identify strategic situations and represent them as games	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
149					60	CO2	Solve games using various techniques	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Moderate-M
149					60	CO3	Analyze economic situations using game theory techniques	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
149					60	CO4	Recommend and prescribe which strategies to implement	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Moderate-M
149					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
149					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
150	SEM IV	020441405 - PP	T2629	Business Forecasting	60	CO1	To understand the importance of Business Process Integration (BPI) by using the conceptual understanding on ERP and its relationship with the support systems	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Weak-L	Moderate-M
150					60	CO2	To introduce and provide the students hands-on exposure to the basic functional modules of SAP with reference to FI, and CO	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H
150					0	CO3		-	-	-	-	-	-	-	-	-	-	-	-
150					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-
150					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-
150					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-
151	SEM IV	020441405 - PP	T2629	Management Control System	60	CO1	To understand the importance of Business Process Integration (BPI) by using the conceptual understanding on ERP and its relationship with the support systems	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Weak-L	Moderate-M

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157					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-

Its a system generated report, signature not required

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO1	Create operation managers & leaders who are proficient at improving an organization's operational performance in the manufacturing and service-related processes. Inspired by the motto of the institution 'Empowering and leading excellence", engineers who step out of the SIOM portals and stride into the corporate world, prove to be prized assets for modern day organizations impacting the triple bottom lines of Profit, People & planet.
2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	Deliver highly advanced and Industry relevant state-of-the-art industry aligned courses with balanced understanding of technical-analytical and organizational-behavioural aspects of the enterprise operations
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	Fill in the void of operational competencies needed to successfully drive businesses through the complex dynamics of the global economies by creating global leaders.
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	Create industry ready talent by fostering international certifications and high level of project based learning experience
5	GA1	Scholarship: research, inquiry and lifelong learning	PO5	Demonstrate high proficiency in overall understanding of Business Integration to fuel operations excellence in other domains & in functional areas of Finance, Marketing, Human Resource, Project and Information Technology.
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	In the spirit of Vasuadhaiv Kutumbakkam, demonstrate high level leadership with humane, inclusive . societal & sustainable values for industry excellence & community well being.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
1	SEM I	020741101 - PP	T2186	Operations Management	60	CO1	To introduce operations management and their linkages with other business functions	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
1					60	CO2	To understand the strategic importance of operations management in manufacturing as well as service sectors.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
1					60	CO3	To analyze various issues related to product and process design.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
1					60	CO4	To discuss emerging concepts in operations management such as, TOC, Lean management etc.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
1					60	CO5	To discuss the difference between product and services operations	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
2	SEM I	020741102 - PP	T2862	Business Statistics With R	60	CO1	To enable students to present, analyze and interpret data. Pedagogy: Classroom lectures and laboratory sessions	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
2					60	CO2	To enable students to use concepts of probability in business situations.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
2					60	CO3	To enable students to make inferences from samples drawn from large datasets.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
3	SEM I	020741103 - PP	T2220	Operations Research	60	CO1	To enable learners to comprehend the evolution of Operation research and its significances in businesses	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L
3					60	CO2	To enable learners to formulate decision making models encountered in businesses	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
3					60	CO3	To enable learners to analyze business problems using the power of well- known operational research tools and techniques	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
4	SEM I	020741104 - PP	T2827	Supply Chain Management	60	CO1	To describe the fundamentals of Supply Chain Management and its applications	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
4					60	CO2	To describe issues in Global SCM	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
4					60	CO3	To demonstrate importance of supply chain in the Business Operations	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
4					60	CO4	To analyze the application of various supply chain concepts in the Industry.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
4					60	CO5	To evaluate performance measures for Supply Chain Networks in organizations	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
5	SEM I	020741105 - PP	T2175	Procurement and Materials Management	60	CO1	To describe the Importance of procurement and materials system	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L
5					60	CO2	To illustrate different challenges and issues in global sourcing	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
5					60	CO3	To evaluate vendor performance in materials management	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
5					60	CO4	To study and analyze emerging trends in procurement	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
6	SEM I	020741106 - PP	T2114	Essentials of Marketing Management	60	CO1	Apply the fundamental concepts of marketing to the industry.	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M
6					60	CO2	Examine Marketing perspectives essential for all managers today	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
6					60	CO3	Analyse the marketing strategies of companies.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
6					60	CO4	Experiment with out of the box thinking which will help them to develop innovative marketing strategies.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
7	SEM I	020741107 - PP	T2279	Organizational Behaviour	60	CO1	To help the students describhow organizational behavior affects the performance and effectiveness.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
7					60	CO2	To understand the dynamics of individual and group behavior in organizations	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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17					60	CO4	To bridge the master planning area with the execution and control area.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
17					60	CO5	To discuss the master planning best practices.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
17					60	CO6	To analyze the characteristics of detailed capacity planning process.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
18	SEM II	020741204 - PP	T2747	Supply Chain Modeling and Analytics	60	CO1	To review concepts of supply chain modeling and analytics	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
18					60	CO2	To analyze supply chains in manufacturing and logistics organization	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
18					60	CO3	To design the supply chain using various tools and modeling techniques	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
18					60	CO4	To decipher the decisions using various models	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
18					60	CO5	To review, compare and discuss various tools and techniques in SCM Modeling	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
19	SEM II	020741205 - PP	T2036	Financial Management	60	CO1	Develop an analytical/practical approach to corporate fin decision making	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
19					60	CO2	Apply & analyse the concepts in real life situations.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
19					60	CO3	Evaluate various theories related to different concepts.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
20	SEM II	020741206 - PP	T2572	Human Resource Management	60	CO1	Define the basic concepts, functions, scope & techniques used in HRM.	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H
20					60	CO2	Analyze the various contemporary issues in current scenario.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M
20					60	CO3	Apply & demonstrate the HR skills of manager towards employees.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
20					60	CO4	Interpret various HR policies.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
20					60	CO5	Evaluate the various HR functions and recommend the necessary changes.	Moderate-M	Moderate-M	Strong-H	Weak-L	-	-
20					60	CO6	Compare and Contrast the Downsizing & restructuring Strategies.	Moderate-M	Moderate-M	Strong-H	Weak-L	-	-
21	SEM II	020741207 - PP	T2387	Global Business Environment	60	CO1	Analyze the basic macroeconomic relationships as they affect the behavior of firm in the international context	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
21					60	CO2	Compare and contrast how businesses and managers match decisions for creating competitive advantage in the global environment.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H

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21					60	CO3	Interpret international issues for designing corporate strategies in a fast changing global environment.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
22	SEM II	020741208 - PP	T2253	Strategic Management	60	CO1	Students should be able to analyze aspects related to strategic management such as environment scanning	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
22					60	CO2	Students should be able to interpret the scope of a firm and the formulation of corporate level strategies	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
22					60	CO3	Students should be able to analyze the core competence of a firm and interpret decisions related to diversification and value chain decisions	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
22					60	CO4	Students should be able to analyze the implementation of strategy with relation to the culture and structure of the firm	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
22					60	CO5	Students should be able to compare and contrast strategies related to change management decisions	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
23	SEM II	020741209 - PP	T2828	Six Sigma	60	CO1	To describe the concepts of Six Sigma as a quality improvement tool.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
23					60	CO2	To explain the complete DMAIC cycle in detail	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
23					60	CO3	To analyze when and how to use Six Sigma as a tool for process improvement.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
23					60	CO4	To analyze different cases of Six Sigma implementation	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
23					60	CO5	To apply Six Sigma concepts using software systems	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
24	SEM II	020741210 - PR	T3153	Advanced Data Driven Decision Making	60	CO1	To understand the nature of Business Data (Big Data) at individual level and its complex nature.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
24					60	CO2	To use Advanced features of Excel for getting quick and reliable insights from that large data.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-
24					60	CO3	To equipped with skills to handle large data reporting and analysis with daily requirements at desk.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
25	SEM II	020741211 - PP	T2712	Design Thinking	60	CO1	To understand the concept of Design Thinking	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
25					60	CO2	To develop a Design Thinking approach to solving problems	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
25					60	CO3	To solve problems using Design Thinking approach	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M

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26	SEM II	020741212 - PP	T2622	Business Simulation	60	CO1	To virtually run a business or to handle a virtual business situation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
26					60	CO2	To get a feel of the reality of running a business	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
27	SEM II	020741213 - PP	T2801	Project - I	60	CO1	Students will be able to engage with NGOs or beneficiaries on social issues for analyzing these issues	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H
27					60	CO2	Students will be able to design low cost solutions for social issues	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
28	SEM II	020741214 - PP	T2353	Entrepreneurship	60	CO1	To develop an entrepreneurial mindset	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
28					60	CO2	To appraise the entrepreneurial process starting with pre-venture stage	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
28					60	CO3	To relate to practical aspects of starting a company	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
28					60	CO4	To select models for venture creation	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
29	SEM II	020741215 - PP	T2403	Business and Social Impact Management	60	CO1	Apply the basic concepts of triple bottom line and its relevance to society, equity and development	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
29					60	CO2	Choose the various processes of integrating societal development and business activity	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
29					60	CO3	Relate the basics of Social equity and corporate engagement processes for socially sustainable business	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H
29					60	CO4	Practice methodologies for social impact assessment projects.	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
30	SEM II	020741216 - PP	T2162	Lean Management	60	CO1	To illustrate basic tenets of Lean Management that can contribute to significant effects.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
30					60	CO2	improvements in productivity, quality, safety & cycle times	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
30					60	CO3	To demonstrate the tools & techniques of Lean	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
30					60	CO4	To sensitize on the issues of Lean Implementation.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
30					60	CO5	To identify best practices in lean organizations	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
30					60	CO6	To apply Lean Concepts in a Manufacturing & Service Environment	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
31	SEM II	020741217 - PP	T2169	Warehouse Management	60	CO1	To describe the concepts of warehouse managements.	Moderate-M	Strong-H	Moderate-M	Weak-L	-	-

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31					60	CO2	To describe Global Practices in Warehousing and Distribution management	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	-
31					60	CO3	To analyze different issues in cold chain management	Strong-H	Moderate-M	Strong-H	Strong-H	-	-
31					60	CO4	To demonstrate international benchmarks on warehouse management	Moderate-M	Strong-H	Weak-L	Moderate-M	-	-
31					60	CO5	To design and evaluate the performance of the warehouse systems.	Moderate-M	Strong-H	Strong-H	Weak-L	-	-
32	SEM II	020741218 - PP	T2187	Service Operations Management	60	CO1	To introduce the overview of service operations, challenges, concepts of quality, customer satisfaction and management practices.	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32					60	CO2	To discuss various factors in structuring the services operations.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32					60	CO3	To study the service quality management.	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M
32					60	CO4	To discuss the various models of waiting lines.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32					60	CO5	To discuss the various models of waiting lines.	Strong-H	Strong-H	Moderate-M	Weak-L	-	-
33	SEM II	020741219 - PP	T2804	Project Based Learning - I	60	CO1	To Intensify Project Based Learning (PBL) (apart from internship projects) through live industry project and bring in academic flexibility by incorporating a credit exchange with relevant subjects in the respective semester.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
34	SEM III	020741301 - PP	T2189	Operations Strategy and Control	60	CO1	To provide an understanding of production operations in variety of production environments.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
34					60	CO2	To discuss the principles, approaches and techniques needed to schedule, control, measure and evaluate the effectiveness of production operations.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
34					60	CO3	To understand development of strategic goals of production process.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
34					60	CO4	To analyze relationship of existing and emerging systems and technologies to the manufacturing strategy.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
34					60	CO5	To discuss various production performance measurement models.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
35	SEM III	020741302 - PP	T2173	International Logistics	60	CO1	To examine the concepts and practices in International trade practices.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
35					60	CO2	To review ports and airport operations, containerization, world class practices in logistics	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H

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40	SEM III	020741307 - PP	T2905	Summer Internship	0	CO1	To understand the organizational functioning	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
40					0	CO2	To Study the Intergration with different departments in organization	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
40					0	CO3	To understand the operations in the assigned area	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
40					0	CO4	To be able to apply the learnings in a real time project	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
41	SEM III	020741308 - PP	T2169	Warehouse Management	60	CO1	To describe the concepts of warehouse managements.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L
41					60	CO2	To describe Global Practices in Warehousing and Distribution management	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
41					60	CO3	To analyze different issues in cold chain management	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
41					60	CO4	To demonstrate international benchmarks on warehouse management	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
41					60	CO5	To design and evaluate the performance of the warehouse systems.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L
42	SEM III	020741309 - PP	T2181	Supply Chain Strategy	60	CO1	To review the strategies for efficiently managing Supply Chain Operations	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
42					60	CO2	To analyze and evaluate the contribution of supply chain strategy in the organization's success	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
42					60	CO3	To construct and recommend different approaches to implement supply chain	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
42					60	CO4	To discuss next generation supply chains	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
42					60	CO5	To review innovations in supply chain management	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
43	SEM III	020741310 - PP	T2656	Creativity and Problem Solving	60	CO1	Learn a structured approach to manage creativity, innovation and problem solving in a business context.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
44	SEM III	020741311 - PP	T2118	Consumer Behaviour	60	CO1	Analyze the impact of various factors on consumer decision making process.	Weak-L	Moderate-M	Moderate-M	-	-	-
44					60	CO2	Examine how consumer behavior affects marketing strategies.	Weak-L	Moderate-M	Moderate-M	-	-	-
45	SEM III	020741312 - PP	T2192	Technology and Innovation Management	60	CO1	To provide an overview of management of technology in industry and its importance to the organization.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M

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49					60	CO5	To discuss Project quality assurance, bench marking and quality audits.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
50	SEM III	020741317 - PP	T2623	Business Transformation and Organizational Turnaround	60	CO1	To attain managerial skills to identify situations in which business unit finds itself in crisis and manage them strategically through transformation	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
50					60	CO2	To effectively assess failing ventures within a company	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
50					60	CO3	To integrate different functional domain knowledge and devise a turnaround strategy for the business unit	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
50					60	CO4	To analyse and implement strategies to make the business unit more competitive and a profitable enterprise	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
50					60	CO5	To study and understand the challenges faced by decision makers in turning around a dying investment	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
50					60	CO6	To learn contemporary and practical business tools that are successful in transforming the business	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
51	SEM III	020741318 - PP	T2008	Advanced Management Accounting	60	CO1	To understand basic concepts in advanced management accounting;	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
51					60	CO2	To use advanced concepts in managerial functions under risk and uncertainty in assessing, estimating, interpreting & evaluation;	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
51					60	CO3	To apply the concepts in managerial decision making.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
52	SEM III	020741319 - PP	T2029	Operations in Financial Services	60	CO1	To analyse the clearing, settlement, trading and regulatory aspects of Financial Services	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
53	SEM III	020741320 - PP	T2300	HR Analytics	60	CO1	To identify appropriate data and metrics for HR problem solving and decision making.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
53					60	CO2	To apply statistical analysis to HR questions and problems to improve decision making	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
53					60	CO3	To evaluate metrics for Human capital management processes	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
53					60	CO4	To develop a business case for Human capital management and demonstrate human capital value	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
54	SEM III	020741321 - PP	T2821	Marketing Metrics	60	CO1	To measure the marketing performance,	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
54					60	CO2	To measure the Customer Satisfaction.	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M

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60					60	CO4	To develop a diagnostic and conceptual understanding of the management of talent in the organization	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
61	SEM IV	020741404 - PP	T2405	Environment Management Systems	60	CO1	Apply the various elements of Environment management systems for business relevance.	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M
61					60	CO2	Choose appropriate terminologies required for EMS based frameworks	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M
61					60	CO3	Choose various methods and standards related to environment assessments	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
61					60	CO4	Prepare EMS based plans for auditing environmental impacts of business activity to natural resources	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
62	SEM IV	020741405 - PP	T2170	Sustainable Supply Chain	60	CO1	To define the three building blocks of sustainability.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
62					60	CO2	To demonstrate and analyze the importance of sustainable supply chain practices on business performance.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
62					60	CO3	To construct the tools and techniques of developing sustainable the supply chain.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
62					60	CO4	To design and develop sustainable supply chain performance optimization model.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
62					60	CO5	To analyze the different best practices for sustainable supply chain management	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
63	SEM IV	020741406 - PP	T2130	Brand Management	60	CO1	Discuss problems faced by organisations with regards branding and positioning.	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
63					60	CO2	Apply the concepts of building Brand Equity.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M
63					60	CO3	Analyse the Brand Marketing Programs.	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M
63					60	CO4	Create and design important issues in planning, implementing and evaluating brand strategies.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M
63					60	CO5	Organise and plan Brands as relationship builders.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M
63					60	CO6	Compare and choose different brand positioning strategies.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
64	SEM IV	020741407 - PP	T3037	Information System Audit	60	CO1	To evaluate the process of Information Systems Audit, Controls, IT Governance process and Data Centers.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
64					60	CO2	To recommend industry specific checklist and Disaster Recovery plan	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M

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65	SEM IV	020741408 - PP	T2137	Channel Management	60	CO1	Analyse and apply the paradigm shifts in channel management with increasing scope of technology / e-business.	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M
65					60	CO2	Compare and conclude channels will be viewed as both as value delivery systems and as inter- organizational systems for the above.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
65					60	CO3	Select and describe channel institutions.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
65					60	CO4	Plan and prepare logistics management and estimate new trends in international channel management.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
66	SEM IV	020741409 - PP	T2588	Retail Management	60	CO1	Critically analyse importance of Retail Management in formation of business strategy	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
66					60	CO2	Critically analyse retail management concepts, types and location of retailing.	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L
66					60	CO3	Synthesise relationship between various elements involved in Retail Management.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
66					60	CO4	Design optimum Retail Management Strategies for retail business	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
67	SEM IV	020741410 - PP	T2298	Coaching, Counselling and Mentoring	60	CO1	To understand the difference between therapy, coaching, counseling and mentoring	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
67					60	CO2	To analyze and evaluating self-awareness of one's own emotional state and its impact on interactions.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
67					60	CO3	To develop the knowledge required to build a coaching and mentoring relationship.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M
67					60	CO4	To apply the dos and don'ts in coaching, counseling and mentoring	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
68	SEM IV	020741411 - PP	T2287	Employment Related Laws	60	CO1	To examine in detail the various aspects of legal provisions related to employment of labour in the organizations	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
69	SEM IV	020741412 - PP	T2637	High Performing Teams	60	CO1	Use case examples and understand detailed template for translating plans into action, High Performance Teams and learn how to: prepare the organization, select team leaders and members, set goals, accelerate development times, overcome obstacles, and measure results	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M
69					60	CO2	Understand the history in a wide variety of industries, analyzes the key factors that contribute to success—or failure—and offers a comprehensive guide to building and managing them successfully	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M

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70	SEM IV	020741413 - PP	T2059	Advanced Corporate Finance	60	CO1	Develop an analytical/practical approach to corporate finance decision making	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
70					60	CO2	Apply & analyse the concepts in real life situations	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
70					60	CO3	Critically evaluate the theories related to various concepts.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
71	SEM IV	020741414 - PP	T2236	Corporate Governance and Ethics	60	CO1	To understand, analyze, and review the larger theoretical and empirical aspects of corporate governance, and ethics.	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
71					60	CO2	To equip managers of today's world with emerging opportunities and challenges in the domain of governance	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H
72	SEM IV	020741415 - PP	T2196	Project Cost Management	60	CO1	To discuss various costs associated with project along with market demand analysis.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M
72					60	CO2	To analyze financing for different project with venture capital and private equity.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
72					60	CO3	To discuss project budget determination -inputs, outputs, tools and techniques.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
72					60	CO4	To define in detail time value of money, investment criteria, project cash flows, cost of capital and project rate of return.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
72					60	CO5	To analyze social cost benefit tradeoffs of various project types.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
73	SEM IV	020741416 - PP	T2195	Project Risk Management	60	CO1	To discuss risk, exposure, identification and management of projects in different sectors/industries.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
73					60	CO2	To analyze various qualitative risk analysis - tools and techniques.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
73					60	CO3	To illustrate how to perform quantitative risk analysis.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
73					60	CO4	To discuss Risk responses and strategies for positive risks or opportunities	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
74	SEM IV	020741417 - PP	T2049	Introduction to Trade Finance & FOREX	60	CO1	Describe the functioning of International markets	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
74					60	CO2	Evaluate the nature of Forex markets,	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
74					60	CO3	To understand International risk management and hedging instruments.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
74					60	CO4	Compare and contrast different instruments used in the forex markets.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
75	SEM IV	020741418 - PP	T2057	Financial Econometrics	60	CO1	Practically apply the concepts of econometrics in empirical finance.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M

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75					60	CO2	Analyse and evaluate the different econometric modeling techniques.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
76	SEM IV	020741419 - PP	T3134	Social Media and Web Analytics	60	CO1	To understand the different types of social media and its use in business	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L
76					60	CO2	To be able to apply these learning in a real time project	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
76					60	CO3	To be able to use social media effectively for business strategies	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
76					60	CO4	To be able to use the appropriate web analytic tools in the business functions	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
77	SEM IV	020741420 - PP	T2354	Social Entrepreneurship	60	CO1	To critically think about social entrepreneurship by facilitating a detailed understanding of the area of social entrepreneurship, opportunities, and challenges.	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M
77					60	CO2	To gain hands-on experience on the issues concerning social entrepreneurship through field work and interactions with leading social enterprises and entrepreneurs.	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M
77					60	CO3	To conceptualise potential social enterprise that they dare to think of as a professional activity.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M
78	SEM IV	020741421 - PP	T2747	Supply Chain Modelling and Analytics	60	CO1	To review concepts of supply chain modeling and analytics	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
78					60	CO2	To analyze supply chains in manufacturing and logistics organization	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
78					60	CO3	To design the supply chain using various tools and modeling techniques	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
78					60	CO4	To decipher the decisions using various models	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
78					60	CO5	To review, compare and discuss various tools and techniques in SCM Modeling	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
79	SEM IV	020741422 - PP	T2806	Project	60	CO1	To Intensify Project Based Learning (PBL) (apart from internship projects) through live industry project and bring in academic flexibility by incorporating a credit exchange with relevant subjects in the respective semester.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	The students should have an in depth understanding of concepts, tools, techniques relevant to management and related disciplines in general and banking and finance in particular in India and across the globe.
2	GA2	Global citizenship: ethical, social and professional understanding	PO2	The student should be able to identify, formulate, research literature, and analyze problems and offer practical and realistic solutions for effective decision making.
3	GA2	Global citizenship: ethical, social and professional understanding	PO3	The student should be able to apply the tools and techniques of management in general and financial management in particular to solve complex problems related to corporate and social sector in general and BFSI sector in particular.
4	GA3	Eco-literate: sensitivity towards a sustainable environment	PO4	The student should demonstrate understanding of and sensitivity towards the issues pertaining to environment and sustainability while making decisions or evolving solutions to the problems posed to them.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	The student should be able to function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
6	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO6	The student should possess exemplary communication skills so as to communicate effectively with different stakeholders and actively engage in discussions and deliberations.
7	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO7	The student should be able to recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
1	SEM I	020942101 - PP	T2824	Perspectives of Business Finance	70	CO1	Students should understand the theoretical framework of Financial Management	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
1					70	CO2	Students should be able to apply the theoretical and practical role of Financial Management in Business	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
1					70	CO3	Acquire, analyse accounting, economic and financial information to facilitate decision making	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
1					70	CO4	Apprise the risk profile of business entities, estimation cost of capital and its implications on the firm.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
1					70	CO5	Assess financial information from various sources and use these information for research	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
4					70	CO5	The student should possess exemplary communication skills so as to communicate effectively with different stakeholders and actively engage in discussions and deliberations	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
5	SEM I	020942105 - PP	T2009	Banking Operations	70	CO1	Students will be able to Identify the compnents of the Indian Financial System	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
5					70	CO2	Discuss the regulatory structure within which banks operate.	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
5					70	CO3	Identify the types of customers in the bank and discuss the KYC guidelines for different types of customers	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
5					70	CO4	Discuss the various banking and clearing functions conducted by branches	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
5					70	CO5	List the various digital banking services offered by banks	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
6	SEM I	020942106 - PP	T2003	Financial Accounting	70	CO1	To understand the importance of Financial Accounting and Reporting in a businesss organization as well as understand various Globally Accepted Accounting Principles, concepts, conventions	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
6					70	CO2	To apply the knowledge of accounting to make Corporate Financial Statements (Income Statement, Balanace Sheet and Cash Flow Statement), according to Companies Act 2013	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
6					70	CO3	To differentiate preperation of various financial statements of different industries especially manufacturing, services, financial institutions with a focus of a Banking Company , To differentiate preperation of various financial statements of different joint stock companies	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
6					70	CO4	To understand and analyze Corporate Financial Statements and Annual Report including notes of accounts off balance sheet items auditors and directors report corporate governance report CSR Report Standalone and Consolidated statements etc	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
6					70	CO5	To understand the regulatory framework of accounting and to compare Indian and International Accounting Standards, with special reference to IFRS and their effects on Financial Reporting and Statements	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
7	SEM I	020942107 - PP	T1140	Legal Aspects of Business	70	CO1	The students should understand the general legal and regulatory environment of conducting business in India.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
7					70	CO2	The Students should apply the concepts learnt to real life situations.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L
7					70	CO3	The Students should be able to evaluate cases and present their judgments.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
7					70	CO4	The Students should be able to explain the legal implications of their managerial decisions.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
7					70	CO5	The Students should be able to assess the ramifications of unethical behavior in business dealings	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M
7					70	CO6	The students should be aware of the new regulations concerning the business environment.	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H
8	SEM I	020942108 - PP	T2777	Management Accounting	70	CO1	Understand the nature, scope, purpose and utility of cost and management accounting	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
8					70	CO2	Use of different costing tools / systems in practical scenario	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
8					70	CO3	Apply different costing techniques in decision making	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M
8					70	CO4	Manage cost, improve planning and control and facilitate decision making and product costing	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M
8					70	CO5	Judge and interpret the financial position and profitability of the organization.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
8					70	CO6	Perceive the modern and contemporary areas of management accounting	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H

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9	SEM I	020942109 - PP	T2573	Organizational Behaviour	70	CO1	Understand the theoretical underpinnings of organizational behavior as a discipline. To help the students describe how organizational behavior affects the performance and effectiveness.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
9					70	CO2	To understand human behaviour and its impact on organizations success	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
9					70	CO3	To have a basic frame work of predicting individual and group behaviour in organizations	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
9					70	CO4	To enable students to use organizational behavior theories and methods to achieve better interpersonal relationships and manage people effectively.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
9					70	CO5	To develop communication skills, presentation skills and team work skills	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
10	SEM I	020942110 - PP	T2143	Services Marketing	70	CO1	Analyse and apply the knowledge of Service Marketing concepts, and growing importance of Service Industry.	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
10					70	CO2	Compare, discuss and ably utilize the tools and techniques used in services marketing	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L
10					70	CO3	Analyze and apply services marketing concepts to business situations.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L
11	SEM I	020942111 - PP	T6075	Managerial Economics	70	CO1	The students should understand basic micro economic indicators and the various macro economic theories explaining the relations	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H
11					70	CO2	The students should be able to relate and link the various actions in the economy to its impacts	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H
11					70	CO3	The students should be able to analyze the current state of the economy and the potential measures that can be taken	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H
11					70	CO4	The students should be able to understand the tandem of monetary and fiscal policy and how both must work together at all times for stability and growth	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H

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11					70	CO5	The students should be able to understand and analyse BoP and its trend and how it affects economy	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H
11					70	CO6	The students should be aware of the new regulations and legal amendments related to the economic environment.	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H
11					70	CO7	The student should be able to develop the foresight to analytically assess and interpret different business situations.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M
12	SEM I	020942112 - PP	T3152	Advanced Excel	70	CO1	Learn basic spreadsheet functions and referencing concept in Microsoft Excel	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L
12					70	CO2	Learn advanced functions and tools to handle large data sets in excel	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
12					70	CO3	Create charts in excel to meaningfully present the data	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
12					70	CO4	Undertsand and apply financial and statistical functions	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
12					70	CO5	Breif introduction to macros and VBA	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
13	SEM I	020942113 - PP	T2214	Mathematical Prerequisites	70	CO1	Student should be able to have clear understanding of basic fundamentals and knowledge about the course	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M
13					70	CO2	Students should be able to apply appropriate tools and techniques to real life situations	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
14	SEM I	020942114 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
14					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M
14					60	CO3	To train students to perform First aid and CPR in an emergency..	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
15	Sem II	020942201 - PP	T2067	Credit management	70	CO1	To familiarize students with different commercial bank loan products available to different type of customers	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
15					70	CO2	To make students understand the credit process of banks and the regulatory compliance for credit products	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
15					70	CO3	To enable students to understand documentations, the credit appraisal procedures adopted by the banks for different types of loans	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H

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15					70	CO4	To assess the different techniques for credit assessments	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
15					70	CO5	To analyse the implications of credit decisions on the overall banks performance	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
16	Sem II	020942202 - PP	T2014	Derivative Markets	70	CO1	Understanding the basics of Derivative Markets ("DM"), the functioning of exchanges, and basic numerical procedures specific to DM.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
16					70	CO2	Studying various Derivatives contracts as an effective means to insure the business against risks that are usually not covered by conventional insurance products	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M
16					70	CO3	Selecting the right type of derivative contract to cover the maximum quantum of a given business risk	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L
16					70	CO4	Valuing the Derivatives Positions and assessing Potential sources of downside of such positions	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
16					70	CO5	Gaining knowledge and insights about World markets for Derivatives	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H
16					70	CO6	Identifying and profiting from arbitrage opportunities.	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M
16					60	CO7	Creating safe derivatives culture based on various case studies about derivatives disasters.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H
16					60	CO8	Providing consultancy to clients for effective risk management.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M
17	Sem II	020942203 - PP	T2026	Microfinance and Developmental Banking	70	CO1	The students should develop in depth understanding concept of microfinance,profile of clients and issues involved	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
17					70	CO2	The students should be able to research literature,analyze problems and identify practical solutions to the issues in micro finance.	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
17					70	CO3	The students should be able to apply tools and techniques in mangement to solve the issues related to microfinance and financing the poor.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
18	Sem II	020942204 - PP	T2044	Security Analysis and Portfolio Management	70	CO1	The students should have an indepth understanding of the investment environment and securities markets.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M

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18					70	CO2	The students should be able to analyze and value securities	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M
18					70	CO3	The students should be able to create a portfolio by appropriate allocation of assets	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
18					70	CO4	The students should be able to apply the concepts learnt to manage their portfolio by analysing its performance	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
18					70	CO5	The students should be able to analyse the changing business environment and its impact on his portfolio	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
19	Sem II	020942205 - PP	T2773	Bank Risk Management	70	CO1	The students should have an in-depth understanding of risk management concepts and practise in the banking sector in India.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
19					70	CO2	The students should be able to analyse risk management practices in Banks	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
19					70	CO3	The students should be able to apply risk management practices in actual situations	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
19					60	CO4	The students should understand and apply knowledge and resolve issues and implement ideas.	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
19					60	CO5	The students should be able to apply knowledge to practical situations.	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
20	Sem II	020942206 - PP	T2051	Financial Modeling	70	CO1	Student will be able to apply spreadsheet functions and investment tools of financial modeling framework.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
20					70	CO2	The student will be able to evaluate financial statements for project appraisals and project finance modelling.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
20					70	CO3	Students will be able to formulate assumptions and perform financial forecasts.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
20					70	CO4	Students will be able to develop financial models for taxation, business valuation, risk assessment and analysis.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
20					70	CO5	Students will be able to create predictive models for equity analysis and stock selection.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
21	Sem II	020942207 - PP	T2073	International Finance	70	CO1	To study concepts, theory and practices in the area of International Finance	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
21					70	CO2	To illustrate different issues in cross border transactions related to International Trade & Finance.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
21					70	CO3	To understand the applications of different concepts by industries in managing finance in global platform	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
21					70	CO4	To evaluate and to solve the various problems relating to the financial management in international transactions	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
21					70	CO5	To design new models replicating the real world financial problems in international business	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
22	Sem II	020942208 - PP	T2031	Retail Banking	70	CO1	The students should demonstrate an in-depth understanding of retail assets and liability products.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
22					70	CO2	Students should be able to apply the knowledge for different types of retail clients.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
22					70	CO3	The student should possess exemplary communication skills so as to communicate effectively with different stakeholders and actively engage in discussions and deliberations.	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H
22					70	CO4	The students should be able to evaluate the banking needs of retail clients	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H
22					70	CO5	The should be able to propose investment solutions as per customer profile	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
23	Sem II	020942209 - PP	T6074	Macroeconomics for Managers	70	CO1	The students should understand basic micro economic indicators and the various macro economic theories explaining the relations	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M
23					70	CO2	The students should be able to relate and link the various actions in the economy to its impacts	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M
23					70	CO3	The students should be able to analyze the current state of the economy and the potential measures that can be taken	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
23					70	CO4	The students should be able to understand the tandem of monetary and fiscal policy and how both must work together at all times for stability and growth	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H
23					70	CO5	The students should be able to understand and analyse BoP and its trend and how it affects economy	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M
24	Sem II	020942210 - PP	T2121	Customer Relationship Management	60	CO1	Apply the concepts of customer relationship management in a dynamic environment	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
24					60	CO2	Develop a CRM strategy for developing profitable and rewarding relations with the customers	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L
24					60	CO3	Analyze the loyalty programmes of organizations.	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L
24					60	CO4	Distinguish different types of customer relationship management practices.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L
24					60	CO5	Identify various levels of automation in the CRM.	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L
25	Sem II	020942211 - PP	T2802	Project	70	CO1	Students should achieve the requisite knowledge and understanding about the specific functional roles.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
25					70	CO2	To familiarise students to the skills and responsibilities related to the functional role.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
25					70	CO3	Building strong theoretical base and understanding about the various financial instruments and techniques.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
25					70	CO4	Students should be able to apply the theoretical knowledge to real life problems for decision making.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
25					70	CO5	Students should pursue additional certification related to the specific role for enhancing their knowledge in the requisite domain	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
26	Sem II	020942212 - PP	T1494	Legal Aspects of Banking	70	CO1	The students should understand the legal and regulatory aspects of banking in India.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
26					70	CO2	The students should apply the concepts learnt in day to day banking transactions.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M
26					70	CO3	Students should develop the ability to analyse cases, do root cause analysis.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
30					70	CO3	To provide knowledge of derivatives, forex and treasury management to enable the candidates to tackle practical situation with ease.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
30					70	CO4	To provide conceptual clarity about the management tools and techniques used in FOREX and Treasury Department of a bank in Particular.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
30					70	CO5	Students will be able to apply and analyze various hedging strategies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M
31	SEM III	020942304 - PP	T2055	Behavioral Finance	70	CO1	Understand the limitations of traditional models of finance and investment decision making.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
31					70	CO2	Understand how cognitive biases affect our investment decision making.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
31					70	CO3	Applying this understanding to help promote better financial decision making.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
31					70	CO4	Critically analyse the root causes of financial bubbles and how they can be avoided through an in-depth study of financial behaviour.	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
31					70	CO5	To be able to identify various biases that affect investors through real life examples.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
32	SEM III	020942305 - PP	T2253	Strategic Management	70	CO1	Understand concepts of Strategy and Strategic Management	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
32					70	CO2	Understand specific tools in Strategy building and Strategic Management	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
32					70	CO3	Demonstrate ability to understand and implement strategic concepts	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
32					70	CO4	Demonstrate ability to incorporate learning in strategy scenarios	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
32					70	CO5	Demonstrate ability to articulate points of View and inferences	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
33	SEM III	020942306 - PP	T2121	Customer Relationship Management	70	CO1	Apply the concepts of customer relationship management in a dynamic environment	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
33					70	CO2	Develop a CRM strategy for developing profitable and rewarding relations with the customers	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L
33					60	CO3	Analyze the loyalty programmes of organizations.	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
33					60	CO4	Distinguish different types of customer relationship management practices.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L
33					60	CO5	Identify various levels of automation in the CRM.	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L
34	SEM III	020942307 - PP	T2056	Financial Risk Management	70	CO1	Compare and contrast the various types of risk	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
34					70	CO2	Appraise the impact of different risks on the operations and performance of a firm	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
35	SEM III	020942308 - PP	T2227	Business Analytics	70	CO1	The student will be able to understand the concept of Big Data and its relevance to business in todays world.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
35					70	CO2	The student will be able to analyse the data using Statistical Tools including probability and statistical inference.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
35					70	CO3	The student will be able to use Regression Analysis to link the associated variables meaningfully and perform Predictive Analysis.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
35					70	CO4	The student will be able to use Optimization Techniques for maging the mathematical functions.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
35					60	CO5	The student should be able to take data driven decisions with calculated risk.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
35					60	CO6	The student will be able to analyse Business Performance Management.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
36	SEM III	020942309 - PP	T2902	Internship	70	CO1	Students should be able to understand the work and apply the knowledge and skills	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
36					70	CO2	Students should be able to present the internship project	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
36					70	CO3	Students should be able to write a project report	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
37	SEM III	020942310 - PP	T2802	Project	70	CO1	Evaluate the role and performance of development and microfinance institutions in the rural finance.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
37					70	CO2	Critically think about social entrepreneurship by facilitating a detailed understanding of the area of social entrepreneurship, opportunities, and challenges.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
37					70	CO3	Understand the need of women empowerment and initiatives taken by various stakeholders.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
38	SEM III	020942311 - PP	T2823	Investment Banking and Hedge Funds	70	CO1	Understand the basics of investment banking: key functions and products/services offered, landscape of investment banking across the globe	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M
38					70	CO2	Basics of issue management and various types of issues	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M
38					70	CO3	Understand and interpret M&A and related terminologies	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M
38					70	CO4	Basics of PE/VC	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M
38					70	CO5	Basics of Hedge Fund	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M
39	SEM III	020942312 - PP	T2607	Venture and Private Equity Funding	70	CO1	Introduction to Alternative Investments	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M
39					70	CO2	Understanding Venture Capital/PE industry and start up ecosystem	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M
39					70	CO3	Understanding enterprise stage of developments and linking it with risk/return profiling.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M
39					70	CO4	Differences between PE/VC and public company valuations	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M
39					70	CO5	Risk of investing in VC/PE investments	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M
40	Sem IV	020942401 - PP	T2493	Field / Research Project	70	CO1	To familiarize students to a specific theoretical finance domain.	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M
40					70	CO2	To enable students to apply the fundamentals of finance in different context.	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M
40					70	CO3	To apply various financial techniques for problem solving and business analysis.	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M
40					70	CO4	To prepare various financial models and solutions based on their knowledge & skills.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L
40					70	CO5	To create alternate feasible options for a given context.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
41	Sem IV	020942402 - PP	T2502	Wealth Management	70	CO1	To analyse various personal investment avenues and asset classes	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M
41					70	CO2	To analyse investors' psychology & requirement	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
41					70	CO3	To develop skills of personal financial planning by customizing investment portfolios and evaluating them for clients according to their needs & requirements	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M
41					70	CO4	To develop skills in financial advisory and relationship management	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H
42	Sem IV	020942403 - PP	T2736	Financial Product Design	70	CO1	The course would enable students to examine the cash flow engineering of Financial Instruments.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
42					70	CO2	List the history of design, technology, and designing of forward and future contracts.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
42					60	CO3	Students will be able to Demonstrate how portfolio risk and returns can be modified through interest rate swaps, forwards, and futures	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
42					60	CO4	Students will be able to elaborate the economic, social, ethical, legal and environmental, implications of emerging financial products.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
42					60	CO5	Students will be able to develop predictive pricing models for financial securities.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
43	Sem IV	020942404 - PP	T2856	Taxation	70	CO1	Student will be able to apply the tax policy framework under different context.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
43					70	CO2	Student will be able to examine the implications of direct and indirect tax laws on the financials of the company.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
43					70	CO3	Students will be able to appraise situations and recognize the income tax ramifications.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
43					60	CO4	Student will be able to demonstrate professional and ethical responsibility.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
43					60	CO5	Students will be able to propose tax planning measures and self-assessment of income tax returns.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
44	Sem IV	020942405 - PP	T2236	Corporate Governance and Ethics	70	CO1	The students should be able to Evaluate governance practices followed in a corporate entity and identify improvement areas against expected compliance standards	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L

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44					70	CO2	The students should be able to demonstrate an understanding of the roles of shareholders, management and board of directors in corporate governance.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
44					70	CO3	The student should be able to critically analyse the role of stakeholders other than shareholders (employees, auditors, regulators, lenders, rating agencies) in ensuring good governance of a business entity.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
44					70	CO4	The student should be able to Compare and evaluate corporate governance models from different parts of the world.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M
44					70	CO5	The student should be able to apply an understanding of ethical theories while taking decisions involving ethical dilemma.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
44					70	CO6	The student should be able to identify ethical issues that are likely to be faced by business decision-makers (marketers, human resource practitioners, finance managers etc).	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
45	Sem IV	020942406 - PP	T2083	Technology in Financial Markets	70	CO1	Familiarize students the role of technology in financial markets and institutions	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
45					70	CO2	Acquaint students segment-wise functionality of financial market and market risk.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
45					70	CO3	To make students understand the Application Programming Interfaces (APIs) and other interfacing methodologies.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
45					70	CO4	To analyze the dynamics of payment networks - CTS, RTGS, Mobile Payments	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
45					70	CO5	To apply the ALM & risk management practices.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
46	Sem IV	020942407 - PP	T2052	Financial Engineering and Analytics	70	CO1	Student will be able to: Apply the knowledge of mathematics, economics and finance engineering for decision making.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
46					70	CO2	Student will be able to use data analysis and modelling tools necessary for financial engineering.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M

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46					70	CO3	Student will be able to design risk management strategies as well as apply the statistical methods and financial techniques for analysis and interpretations.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
46					70	CO4	Assessing financial engineering solutions in economic, environmental and societal perspective.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
46					70	CO5	Student will be able to evaluate different business scenarios and develop business models using Excel spreadsheet and R program.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA2	Global citizenship: ethical, social and professional understanding	PO1	To enable Leadership and Decision Making Skills (PO1)
2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	Students will be able to apply relevant information technology Skills in a given business scenario (PO2)
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	Students will be able to make socially and environmentally sustainable decisions and propose solutions having national/international standards (PO3)
4	GA2	Global citizenship: ethical, social and professional understanding	PO4	Students will be able to demonstrate professional and personal ethics (PO4)
5	GA2	Global citizenship: ethical, social and professional understanding	PO5	Students will communicate effectively that includes comprehension, presentation and reporting for business activities (PO5)
6	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO6	Students will apply critical thinking to identify, analyze and formulate, business problems and suggest solutions (PO6)
7	GA1	Scholarship: research, inquiry and lifelong learning	PO7	Students will develop an aptitude for research and life long learning (PO7)
8	GA1	Scholarship: research, inquiry and lifelong learning	PO8	Students will recognize the need for innovation and entrepreneurial skills in the context of next generation technology leading towards national development (PO8)

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	SEM I (2019-2021)	030241101 - PP	T3288	Business Process Management	60	CO1	Students will be able to explain and assess the organizational implications of functional vs process centric management. And visualise and explain the role of IT in business process management therein.	Strong-H	Weak-L	-	-	Moderate-M	Strong-H	-	Strong-H
1					40	CO2	Students will be able to model business processes in BPMN, using a process modeling tool.	Moderate-M	Strong-H	-	-	Strong-H	Moderate-M	-	Weak-L
1					40	CO3	Students will be able to analyse and measure performance of business processes both qualitatively and quantitatively. And value the importance of structuring and measuring processes in an organization	Strong-H	Strong-H	Weak-L	-	Moderate-M	Strong-H	Weak-L	Moderate-M
1					40	CO4	Students will be able to identify process improvement and redesign opportunities. And propose business solutions in written and verbal forms for process, improvement, innovation and redesign projects	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H

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2	SEM I (2019-2021)	030241102 - PP	T2216	Business Statistics	60	CO1	To understand and apply conceptual breadth of statistical applications in business and research (CO1).	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO2	To make inferences using samples drawn from larger datasets	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO3	To rectify and report when statistical analysis has led to an important business conclusion	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO4	To evaluate judiciously chosen compelling examples, caselets, baby cases and business improvement themes	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO5	To work and learn to do reflective communication, both independently and in groups	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO6	To develop research skills such as analysis, interpretation, and synthesis of the data	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
3	SEM I (2019-2021)	030241103 - PP	T2114	Essentials of Marketing Management	60	CO1	By the end of this course, Students will be able to explain the key marketing concepts, customer value, target markets, the marketing mix, the exchange process, relationship marketing, and the marketing environment .	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
3					60	CO2	By the end of this course, Students will be able to Interpret, apply and demonstrate how the forces of the marketing environment influence marketing strategy decisions	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
3					60	CO3	By the end of this course, Students will be able to Analyze, compare and examine how organizations identify target markets and estimate market potential and forecast sales	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L
3					60	CO4	By the end of this course, Students will be able Create, design and formulate marketing strategies that add customer value.	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
4	SEM I (2019-2021)	030241104 - PP	T2498	Financial Statement Analysis	60	CO1	Students will be able to Understand financial theories and concepts ,Evaluate and apply the financial concepts	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
4					60	CO2	Students will have an ability to analyze a problem, and identify and define the computing requirements appropriate to its solution.	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H
4					60	CO3	Students will be able to Develop an analytical/practical approach to corporate fin decision making	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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4					60	CO4	Students will be able to Apply & analyze the concepts in real life situations and strategic decision making	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
4					60	CO5	Students will be able to Analysis and interpretation of Financials statements Project budget planning or finance and accounting skills	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
5	SEM I (2019-2021)	030241105 - PP	T3036	Information Risk Management	60	CO1	Learner will be able to recall and explain basic terminology and concepts related to Information Security	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
5					60	CO2	Learner will have an understanding of the main concepts of risk management frameworks and standards	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M
5					60	CO3	Student will have ability to apply risk matrix for rating likelihood, impact and risk	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
5					60	CO4	Student will be able to apply appropriate risk management, risk assessment and risk treatment measures and report it to stakeholders	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	-
6	SEM I (2019-2021)	030241106 - PP	T3314	Managerial Economics	60	CO1	Students will be able Understand the roles of managers in firms	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
6					60	CO2	Students will be able to apply economic principles in managerial decision problems using economic reasoning.	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H
6					60	CO3	Students will be able to analyze the demand and supply conditions and assess the position of a company	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
6					60	CO4	Students will able to design competition strategies, including costing, pricing, product differentiation, and market environment according to the natures of products and the structures of the markets.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
6					60	CO5	Students will be able to analyze real-world business problems with a systematic theoretical framework and will be able understand and interpret business situations and environment, using a quantitative and analytical approach.	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
7	SEM I (2019-2021)	030241107 - PP	T3060	IT Infrastructure Essentials	60	CO1	At the end of session 5 students will be able to explain how communications happens over internet and design networks for business	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
7					60	CO2	After completing session 7 students will be able to understand the need for network security and analyse business for security requirements	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M

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7					60	CO3	At the end of course students will be able to evaluate and suggest suitable cloud model and vendors for organizations	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
7					60	CO4	At the end of course students will be able to evaluate infrastructure(Data centre/storage) of organizations	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
7					60	CO5	At the end of course students will be able to design infrastructure for business transformation in different industry segments	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
8	SEM I (2019-2021)	030241108 - PP	T2560	Principles and Practices of Management	60	CO1	To understand the basics of business theory and comprehend business principles, practices and skills.	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
8					60	CO2	To understand the varied range of business organizations and activities and the cultural and economic perspective in which business functions.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
8					60	CO3	To understand the Organizational Behavior concepts practiced in an organization.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
8					60	CO4	To enable students' to be critical and effective contributors in overall business scenario.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
9	SEM I (2019-2021)	030241109 - PP	T3286	Requirements Management	40	CO1	Students will be able to Understand the basic concepts of software requirements engineering using traditional software approach as well as by using Agile Development (with major focus on Scrum and Extreme Programming)	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
9					40	CO2	Students will be able to Learn to apply the concepts of requirement elicitation, analysis and development to cases of software development., Apply Software Requirements Methodology apt to the Project with Traditional or Agile Software Developmeent Methodology	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
9					40	CO3	Analyse Which Methodology would be suitable for the given project for better project performance	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
9					40	CO4	Students will be able to Evaluate if the applied methodology, project parameters is suitable to the project or based on changing requirments and resources how newly it should be managed	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
9					40	CO5	Students will be able to do better ongoing Decision Making in changing IT Project Environment Requirments to offer Better Project Performance, Success	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H

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10	SEM I (2019-2021)	030241110 - PP	T6075	IT for BFSI Domain	60	CO1	By the end of this course, Students will be able to Understanding the relevant basic concepts and principles in banking and insurance so that he/she is able to understand the subject.	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L
10					60	CO2	By the end of this course, Students will be able to Understanding the relevant basic concepts and principles in banking and insurance so that he/she is able to understand the subject.	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
10					60	CO3	By the end of this course, Students will be equipped with knowledge of concepts and activities related to the special requirements of financial services.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L
10					60	CO4	By the end of this course, Students will be able The students can get relevant knowledge in commercial, co-operative and Regional rural Banks and other financial institutions.	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
11	SEM I (2019-2021)	030241112 - PP	T3039	IT Platforms and Security	60	CO1	To demonstrate various architectural perspectives of Windows/Linux/Andriod Operating System	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M
11					60	CO2	To Analyze the security features / Vulnerabilities of Windows, Linux & Android	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M
11					60	CO3	At the end of this course students will be able To Identify Platforms to meet Business Needs	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
11					60	CO4	At the end of this course students will be able To Create Mitigation Techniques/Policies for platforms as per Business Needs	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
12	SEM I (2019-2021)	030241113 - PP	T3057	Advanced Network Protocols	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
12					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
12					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
12					60	CO4	By the end of this course, students will practically design IT solutions.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
13	SEM I (2019-2021)	030241114 - PP	T3066	Network Security	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
13					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L

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13					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
13					60	CO4	By the end of this course, students will practically design IT solutions.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
14	SEM I (2019-2021)	030241115 - PP	T3331	Cloud Computing	60	CO1	To compare the Cloud Computing services	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
14					60	CO2	To examine Security in Cloud	Strong-H	Weak-L	-	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
14					60	CO3	To develop Cloud Governance	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
14					60	CO4	To analyse the cost-benefit of adopting cloud technologies	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
15	SEM I (2019-2021)	030241116 - PP	T3108	Software Development Methodologies	60	CO1	By the end of this course students will get the comprehensive view of prevailing software development life cycle models and associated principles.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
15					60	CO2	By the end of this course students will understand software development life cycle models strengths and weaknesses and their applications.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
15					60	CO3	By the end of this course learners will be prepared for making right decisions for selecting software development approach in given situation.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
15					60	CO4	By the end of this course students will be able to Develop overall model, build feature list and plan by features	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
16	SEM I (2019-2021)	030241117 - PP	T3106	Quality Solution Design	60	CO1	By the end of this course, students will be able to understand and design a IT System	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
16					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
16					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
16					60	CO4	By the end of this course, students will practically design IT solutions	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
17	SEM I (2019-2021)	030241118 - PP	T3098	Advance Solution Design	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
17					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L

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17					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
17					60	CO4	By the end of this course, students will practically design IT solutions.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
18	SEM I (2019-2021)	030241119 - PP	T3308	ERP - FICO Configuration	60	CO1	To make students understand basic concept of ERP systems, its growth and analyze future trends in ERP.	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
18					60	CO2	Understanding ERP architecture, life cycle and Business process integration	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	-
18					60	CO3	Understanding and application financial, managerial and SAP ERP configuration concepts for a business case	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
18					60	CO4	Develop ability to relate domain knowledge to ERP configuration, evaluate and reflect from user acceptance standpoint	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
19	SEM I (2019-2021)	030241120 - PP	T3121	Software Quality Management	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
19					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
19					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
19					60	CO4	By the end of this course, students will practically design IT solutions.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
20	SEM I (2019-2021)	030241121 - PP	T3363	Multivariate Data Analysis	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L
20					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L
21	SEM I (2019-2021)	030241122 - PP	T3364	Data Management	60	CO1	At the end of this course students will be able to obtain and manipulate datasets	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
21					60	CO2	At the end of this course students will be able to understand, apply, and analyze range of techniques useful for data preparation and data management	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
21					60	CO3	At the end of this course students will be able to properly build data cleaning/pre-processing scripts for converting raw to tidy data	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L

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21					60	CO4	At the end of this course students will be able To do descriptive analytics - data summarization and hypothesis testing, Interpret and disseminate analytics results.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L
21					60	CO5	At the end of this course students will be able To Understand data warehousing and OLAP technology	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
22	SEM I (2019-2021)	030241123 - PP	T3042	Principles and Practices of Security Management	60	CO1	At the end of this course students will be able to define the basic principles of security and explain the importance of it in an organization.	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
22					60	CO2	At the end of this course students will be able to explain the responsibilities of top management in security and outline the Information Security Governance practices	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
22					60	CO3	At the end of this course students will be able to apply the concept of ROSI and analyse the the security investment of an organization.	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M
22					60	CO4	At the end of this course students will be able to Classify the information system assets as per the information categories and determine the security requirements for the information assets using IAP process.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M
22					60	CO5	At the end of this course students will be able to identify the physical security posture of the organization and develop physical security policy framework	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L
23	SEM I (2019-2021)	030241123 - PP	T3042	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H
23					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L
23					60	CO3	To train students to perform First aid and CPR in an emergency.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M
24	SEM II (2019-2021)	030241201 - PP	T2778	Basics of Financial Management	60	CO1	Students will be able to apply financial management concepts and tools to the decisions faced by a manager in investment decisions.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
24					60	CO2	Students will understand the benefit of diversification of holding a portfolio of assets, and the importance played by the market portfolio.	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H

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24					60	CO3	Students will be able to describe how business risk and financial risk can affect a firm's capital structure and determine optimal capital structure .	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
24					60	CO4	Students will be able to calculate common investment criteria and project cash flows associated with corporate project evaluation	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
24					60	CO5	Students will be able to apply measures of cost of capital and financial leverage to form long-term financial policies for business	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
25	SEM II (2019-2021)	030241202 - PP	T3079	Business Analytics	60	CO1	Students will be able to write R script to analyse data	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
25					60	CO2	Students will be able to understand and apply supervised learning techniques for business solutions using R	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
25					60	CO3	Students will be able to understand and apply unsupervised learning techniques for business solutions using R	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
26	SEM II (2019-2021)	030241203 - PP	T2658	Design Thinking	60	CO1	CO1: Students will be able to understand and comprehend the basics of Design Thinking and its application	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M
26					60	CO2	CO2: Students will be able to analyse the strategic advantages of using Design Thinking in IT and related domains	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
26					60	CO3	CO3: Students will be able to research, work and learn in groups to experience the various phases of the Design Thinking process.	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
26					60	CO4	CO4: Students will be able to analyse, synthesise and create an industry based prototype using the Design Thinking process	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
26					60	CO5	CO5: Students will be able to adapt the prototype to the industry/societal real-life challenges	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
27	SEM II (2019-2021)	030241204 - PP	T2572	Human Resource Management	60	CO1	By the end of this course: define the basic concepts function scope and techniques used in HRM	Moderate-M	Strong-H	Weak-L	-	Weak-L	Weak-L	-	-
27					60	CO2	By the end of this course :analyse the various contemporary issues in current scenario	Strong-H	Strong-H	Strong-H	-	Moderate-M	Strong-H	Moderate-M	Weak-L
27					60	CO3	By the end of this course :Apply and demonstrate the HR skills of mangers in todays working environment	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	-
27					60	CO4	By the end of this course :Interpret and evaluate the various HR policies and practices	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	-

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28	SEM II (2019-2021)	030241205 - PP	T3061	IT Infrastructure Library	60	CO1	CO1: At the end of this course, students will be able to define IT Service management, discuss and Explain the various stages of the IT Service Management Life Cycle using oral presentation	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
28					60	CO2	CO2: At the end of this course, students will be able to plan, apply,analyze, assess and compare the various processes involved in the SS, SD, ST, SO and CSI stages of ITIL Service Life Cycle	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
28					60	CO3	CO3: At the end of this course, the students shall be define, identify and assess the role of CMDB and its components using Oral presentation	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
28					60	CO4	CO4: At the end of this course, students will be able to discuss, explain, compare and assess the various features and processes involved in other equivalent/contemporary Management and Governance Frameworks such as CoBIT	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
28					60	CO5	CO5: At the end of this course, the students shall be able to analyse, interpret, synthesize and propose solutions for IT Service Mgmt. industry scenarios from a variety of Cases using Case discussion & analysis	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M
29	SEM II (2019-2021)	030241206 - PP	T3088	Management Information Systems	60	CO1	Evaluate the role of information systems in today competitive business environment	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
29					60	CO2	Relate the basic concepts and technologies used in the field of management information systems	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
29					60	CO3	Analyze the role played by the six major types of information systems in organizations and their relationship to each other	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
29					60	CO4	Translate the role of information systems in organizations the strategic management processes, with the implications for the management	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
29					60	CO5	Evaluate the need and potential of different information systems in an organization and recommend suitable solutions	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

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30	SEM II (2019-2021)	030241207 - PP	T3094	Project Management	40	CO1	Students will be able to appreciate the importance of work breakdown structures and activity precedence networks to planning, scheduling, and controlling of projects, and demonstrate an ability to develop the same for any assigned project.	Moderate-M	-	-	-	Moderate-M	Strong-H	Weak-L	Weak-L
30					40	CO2	Students will be able to appreciate the importance of work breakdown structures and activity precedence networks to planning, scheduling, and controlling of projects, and demonstrate an ability to develop the same for any assigned project.	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M
30					40	CO3	Students will be able to choose and develop appropriate socio cultural behavior in their teams, and be able to identify potential conflicts and problems that can occur on projects and resolve them towards successfully managing projects.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	-	-
30					40	CO4	Students will be able to appreciate the need of, select, and use the appropriate framework of a complete computer-based information system such as "MS Project", for an end to end management of projects.	Moderate-M	Strong-H	-	-	Strong-H	Weak-L	-	Moderate-M
31	SEM II (2019-2021)	030241208 - PP	T2225	Research Methodology	80	CO1	Students will appreciate the importance of reviewing suitable literature for a research topic (CO1).	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
31					60	CO2	Students will learn to incorporate suitable research design and method for their research proposal (CO2).	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
31					60	CO3	Students will appreciate need for a model questionnaire based on a theoretical framework (CO3).	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
31					60	CO4	Students will scientifically do written and oral communications regarding research proposal stages (CO4).	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
31					60	CO5	Students will interview respondents and transcribe quantitative data in online format (CO5)	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
31					60	CO6	Students will experience observation methods of qualitative info. Transcription and participation in FGD (CO6).	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
32	SEM II (2019-2021)	030241209 - PP	T2253	Strategic Management	60	CO1	Understand concepts of strategic management	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
32					60	CO2	By the end of this course students will Acquire strategic analysis skills	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L

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32					60	CO3	By the end of this course students will be able to formulate business strategies	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M
32					60	CO4	By the end of course students will be able to Understand the execution of business strategies	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
33	SEM II (2019-2021)	030241210 - PP	T3492	Internet of Things	60	CO1	By the end of this course, Students will be able to explain the new paradigm of technological advancements, IoT and summarize what it entails.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
33					60	CO2	By the end of this course, Students will be able to Solve individual, government and business/industry problems by applying acquired IoT-based systems knowledge, facts and applications.	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
33					60	CO3	By the end of this course, Students will be able to analyze spectrum of interconnectedness between people, information systems and objects And examine IoT Security	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L
33					60	CO4	By the end of this course, Students will be able design and Develop IoT prototype	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M
34	SEM II (2019-2021)	030241211 - PP	F0002	Pilot Project	60	CO1	To Apply Concepts, Methodologies learnt into Business/Technical (Research) problem	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
34					60	CO2	Students to arrive at a solution as if in a real life that could be demonstrated.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
34					60	CO3	Students should assess the level of acceptance and use for target users	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
35	SEM II (2019-2021)	030241212 - PP	T3090	Computing Tools	80	CO1	By the end of this course, Students will be able to organize large, complex datasets and Construct decision supporting models	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
35					80	CO2	By the end of this course, Students will be able to Apply advanced functions to analyses and filter complex datasets	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
35					80	CO3	By the end of this course, Students will be able to create VBA programs to automate and control an Excel model	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L
36	SEM II (2019-2021)	030241213 - PP	T3038	IT Audit	60	CO1	Learner will be able to recall and explain terms and phases of audit by the end of the course	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
36					60	CO2	By the end of the course learner should be able to construct checklists	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
36					60	CO3	Learner should be able to examine controls, identify and analyse evidences and report findings	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L

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37	SEM II (2019-2021)	030241214 - PP	T3034	Database and Application Security	60	CO1	By the end of this course, Students will be able to understand the database architecture in the relational and non-relational model. They will also gain a further understanding of the various security access points in these architectures thus gaining a hacker's insight into the architectural flaws if any and mitigating them as a responsible security professional.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L
37					60	CO2	By the end of this course, Students will be able to familiarize students with the MySQL and MongoDB environments and gain a practical understanding of the built-in security measures and implementing additional security controls in these database applications	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L
37					60	CO3	By the end of this course, Students will be able to introduce to application security in the light of common database vulnerabilities, OWASP Top 10 vulnerability reports and guidelines	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
37					60	CO4	By the end of this course, Students will be able to understand penetration testing through self paced vulnerable web applications	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
38	SEM II (2019-2021)	030241215 - PP	T3029	Access Control and VAPT	60	CO1	At the end of this course students will be able to demonstrate the concept of ethical hacking and the steps followed by the security personal.	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
38					60	CO2	At the end of this course students will be able to develop attack simulation and identify the threats to the organization and its assets.	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
38					60	CO3	At the end of this course students will be able to discover the vulnerabilities present in the system through vulnerability assessment.	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M
38					60	CO4	At the end of this course students will be able to asses the security poster by executing a penetration test of an information system asset using different tools and techniques.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M
38					60	CO5	At the end of this course students will be able to outline with the fundamentals of access control, identity management and theoretical models of implementation.	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L
39	SEM II (2019-2021)	030241216 - PP	T3493	Storage Systems	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L

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39					60	CO2	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-
39					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes.	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-	-	-
39					60	CO4	By the end of this course, students will practically design IT solutions.	Strong-H	Strong-H	Weak-L	Moderate-M	-	-	-	-
40	SEM II (2019-2021)	030241217 - PP	T3332	Software Defined Networking	60	CO1	By the end of this course, students will be able to understand and design a IT System	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
40					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
40					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes.	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-
40					60	CO4	By the end of this course, students will practically design IT solutions.	Strong-H	Strong-H	Moderate-M	Strong-H	-	-	-	-
41	SEM II (2019-2021)	030241218 - PP	T3058	Global Information Infrastructure Policy and Challenges	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
41					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M
41					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes.	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
41					60	CO4	By the end of this course, students will practically design IT solutions.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
42	SEM II (2019-2021)	030241219 - PP	T3103	Enterprise Architecture	60	CO1	By the end of this course students will learn Enterprise Architecture Drivers, significance, benefits and adopters.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
42					60	CO2	By the end of this course learners shall get overview of EA frameworks, Current Business Architecture, and EA projects	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
42					60	CO3	By the end of this course students will learn the Tools used in Enterprise Architecture and Enterprise Architecture Results	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
42					60	CO4	By the end of this course students will be able to do Enterprise architecture modeling.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M

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43	SEM II (2019-2021)	030241220 - PP	T3109	Software Estimation and Costing	60	CO1	By the end of this course, students will be able to understand and design a IT Software	Strong-H	Moderate-M	Weak-L	Strong-H	-	-	-	-
43					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	-
43					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes.	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-	-	-
43					60	CO4	By the end of this course, students will practically design IT solutions.	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	-
44	SEM II (2019-2021)	030241221 - PP	T3100	Application Portfolio Management	60	CO1	Students will be able to Understand and Determine, - INFER (Understanding) the performance of a portfolio using simple and multistage performance measures.	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
44					60	CO2	Students will be able to Realize - IDENTIFY (Applying) benefits of Portfolio assessment in defining future state enterprise architecture and implementation roadmap for organizations to achieve business agility.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
44					60	CO3	Students will be able to Learn highlights of how large, international organizations are able to transform their outdated legacy architecture to conform to today's business requirements without interruption - CONCLUSION (Analysing)	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
44					60	CO4	Students will be able to Evaluate, analyze advanced portfolio management strategies to a virtual portfolio - Evaluate (Evaluating)	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
44					60	CO5	Students will be able to Apply advanced portfolio management strategies to a virtual portfolio - BUILD, SOLVE (Creating)	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
45	SEM II (2019-2021)	030241222 - PP	T3128	ERP - MM-SD Configuration	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
45					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
45					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
45					60	CO4	By the end of this course, students will practically design IT solutions.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L

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46	SEM II (2019-2021)	030241223 - PP	T3136	System Dynamics Simulation	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
46					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
46					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
46					60	CO4	By the end of this course, students will practically design IT solutions	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
47	SEM II (2019-2021)	030241224 - PP	T3447	Machine learning	60	CO1	CO 1: To understand and apply range of machine learning techniques	Weak-L	Strong-H	-	-	Strong-H	Strong-H	Moderate-M	Moderate-M
47					60	CO2	To be able to properly analyze, interpret and communicate methodological results	Weak-L	Strong-H	-	-	Moderate-M	Moderate-M	Strong-H	Strong-H
47					60	CO3	To evaluate and assess performance of machine learning techniques	Weak-L	Strong-H	-	-	Strong-H	Strong-H	Moderate-M	Moderate-M
47					60	CO4	To be able to access appropriateness of machine learning techniques for different applications	Weak-L	Strong-H	-	-	Strong-H	Strong-H	Moderate-M	Moderate-M
48	SEM II (2019-2021)	030241225 - PP	T3366	Predictive Analytics	60	CO1	At the end of the course students will be able to explain concept and significance of Predictive Analytics to business	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
48					60	CO2	After completing 4 sessions students will be able to do predictive modeling by exploring select techniques used in predictive modelling	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
48					60	CO3	At the end of course students will be able to explore analytics tools and select the relevant for applying the understanding	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
48					60	CO4	At the end of course students will be able to analyse problems in the business domain and use predictive modeling techniques/tools to create models	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
48					60	CO5	At the end of course students will be able to evaluate the models created for application of predictive modeling in certain industry segments	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
49	SEM III (2018-2020)	030241301 - PP	T3909	Summer Internship	60	CO1	Demonstrate on job skills, knowledge, attitudes and acquire the experience essential to be professional in corporate career	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M
49					60	CO2	Develop insight through professional experiences and working in the real organizations	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M

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52	SEM III (2018-2020)	030241304 - PP	T3504	Digital Transformation	60	CO1	Understand the basic concepts related to digital transformation and have a good understanding of some of the technologies that are going to be key considerations in the business decisions of organization	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
52					60	CO2	Understand steps for digital transformation	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H
52					60	CO3	Learn about a few industries in terms of its operations and look at the way they have digitally transformed	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
52					60	CO4	Good understanding of the current market and have a good understanding of disruptions and be able to comprehend the opportunities for positive changes in the business models, the technology used and core competencies for the sustenance of the organizations.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
53	SEM III (2018-2020)	030241304 - PP	T3504	Services Marketing	60	CO1	Learning and Understanding of Services marketing concepts and activities	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
53					60	CO2	Apply the knowledge for decision making in various business scenarios across industries	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M
53					60	CO3	Designing of Service strategy	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
53					60	CO4	Understand the importance of service design and delivery	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
54	SEM III (2018-2020)	030241305 - PP	T2416	Sustainability Standards - Application, Analysis and Reporting	60	CO1	able to appreciate different theories on sustainability, and CSR	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L
54					60	CO2	able to understand, and critically analyse various sustainability standards	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
54					60	CO3	able to discuss the cases of companies that have reported on sustainability standards	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L
54					60	CO4	able to choose the best standards for the given organisations	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M
54					60	CO5	able to construct a framework for the organisation to assess their TPL	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H
55	SEM III (2018-2020)	030241307 - PP	T3350	IT Business Analysis	60	CO1	By the end of this course, Students will be able to explain the key concepts related to business analysis, role of business analyst, knowledge areas of business analysis and requirements management techniques.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	-

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55					60	CO2	By the end of this course, Students will be able to Interpret, apply and demonstrate what value additions a business analyst can bring in for the organization	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M
55					60	CO3	By the end of this course, Students will be able to Analyze and examine how a business analyst can solve business problems by employing the tools and techniques as described in the Business Analysis Body of Knowledge (BABoK)	Strong-H	Strong-H	Moderate-M	-	Strong-H	Strong-H	Moderate-M	-
55					60	CO4	By the end of this course, Students will be able Create, design and formulate strategies that a business analyst will be able to employ to take a business change through its life cycle	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L
56	SEM III (2018-2020)	030241309 - PP	T3040	GRC and Industry Standards	60	CO1	At the end of this course students will be able to explain the importance of IT Governance in the organizations and the implementation requirements.	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
56					60	CO2	At the end of this course students will be able to analyze and Compare the important Standards and Compliances of IT in Business and Industry	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L
56					60	CO3	At the end of this course students will be able to understand the detailed process of implementing the frameworks and identify the challenges faced by the organizations	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
56					60	CO4	At the end of this course students will be able to categorize the types of risk encountered and the Risk analysis relevant to the IT industry	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L
57	SEM III (2018-2020)	030241310 - PP	T3330	Computer Forensics - Detection and Prevention of IT Frauds	60	CO1	At the end of this course students will be able to define and explain the key terms and problems associated with investigaing computer related crimes	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L
57					60	CO2	At the end of this course students will be able to interpret and identify specific IT controls to mitigate the risks involved in computer frauds.	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
57					60	CO3	At the end of this course students will be able to identify and analyze the key risks involved in computer forensics and examine the source, cause, process and consequences of the costly crimes related to computer frauds.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
57					60	CO4	At the end of this course students will be able to compare and contrast IT related threats wihin the business environment.	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H

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57					60	CO5	At the end of this course students will be able to criticize and discuss the procedural methods needed to investigate such IT misuse.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
58	SEM III (2018-2020)	030241311 - PP	T3065	Cyber Intelligence	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L
58					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H
58					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H
58					60	CO4	By the end of this course, students will practically design IT solutions	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L
59	SEM III (2018-2020)	030241312 - PP	T3068	Network Operations, Design, Optimization and Management	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M
59					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H
59					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H
59					60	CO4	By the end of this course, students will practically design IT solutions	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
60	SEM III (2018-2020)	030241313 - PP	T3333	NextGen Intelligence Enterprise Infrastructure	60	CO1	By the end of this course, students will be able to understand and design a IT System	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M
60					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
60					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H
60					60	CO4	By the end of this course, students will practically design IT solutions	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H
61	SEM III (2018-2020)	030241314 - PP	T3431	Pervasive and Ubiquitous Computing	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H
61					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M

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61					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
61					60	CO4	By the end of this course, students will practically design IT solutions	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H
62	SEM III (2018-2020)	030241315 - PP	T3102	DevOps Services	60	CO1	By the end of this course, Students will be able to explain the key devOps concepts like deep understanding around the gaps existing in traditional software development processes to connect development and operations	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L
62					60	CO2	By the end of this course, Students will be able to Interpret, apply and demonstrate how Devops Agile practices can enable bridging these gaps leveraging agile	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
62					60	CO3	By the end of this course, Students will be able to Analyze, compare and examine devOps end to end	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
62					60	CO4	By the end of this course, Students will be able Create, design and formulate devOps related decision making that add customer value.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
63	SEM III (2018-2020)	030241316 - PP	T3086	Business Solutions Development(Design Case Studies)	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L
63					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H
63					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
63					60	CO4	By the end of this course, students will practically design IT solutions	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
64	SEM III (2018-2020)	030241317 - PP	T3505	IT Strategy	60	CO1	By the end of this course, Students will be able to explain the key concepts of IT Strategy, Business Modelling and its evolution, different positionings that business must take to survive in the market	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
64					60	CO2	By the end of this course, Students will be able to Interpret, apply and demonstrate how the different industry forces impact the business strategies and the ways to soften these forces	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
64					60	CO3	By the end of this course, Students will be able to Analyze, compare and examine various IT challenges and parameterising the business model components for evaluation and auditing	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L
64					60	CO4	By the end of this course, Students will be able Create, design and formulate IT Strategies based on business strategies, various infrastructure components and market understanding	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
65	SEM III (2018-2020)	030241318 - PP	T3309	SCM and CRM Systems	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H
65					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H
65					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H
65					60	CO4	By the end of this course, students will practically design IT solutions	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
66	SEM III (2018-2020)	030241319 - PP	T3367	Social Media Analytics	60	CO1	By the end of this course, students will be able to understand and design a IT System	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
66					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
66					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M
66					60	CO4	By the end of this course, students will practically design IT solutions	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H
67	SEM III (2018-2020)	030241320 - PP	G2020	Big Data Analytics	60	CO1	To Understand the concept and significance of big data analytics	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M
67					60	CO2	To understand architecture of HDFS and Hadoop	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M
67					60	CO3	To understand and apply MapReduce programming for big data analytics	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M
67					60	CO4	To understand and apply Pig programming for big data analytics	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M
67					60	CO5	To understand and apply HIVE programming for big data analytics	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M
68	SEM IV (2018-2020)	030241401 - PP	T3087	Legal Aspects of IT Business	60	CO1	To make the students familiarize with the various Laws/Acts and enable to interpret the different business scenarios using the same.	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
68					60	CO2	To be able to compare and contrast the different Laws/Acts	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
68					60	CO3	To enable the students with the help of cases to interpret the business decisions in relation to the different Laws/Acts.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L
68					60	CO4	To enable the students to be conversant with the legal aspect of the business at large.	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L
69	SEM IV (2018-2020)	030241402 - PP	T3084	IT Sales Management	60	CO1	Learning and Understanding the activities and processes involved in sale of Information Technology related offerings	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L
69					60	CO2	Apply the knowledge for decision making in IT sales in India and in the international market	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M
69					60	CO3	Designing of sales strategy for IT products and services for different offerings	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
69					60	CO4	Understand the importance of technology, good governance, best practises and sales team management in effective sales	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M
70	SEM IV (2018-2020)	030241403 - PP	T3701	Dissertation	60	CO1	Develop research aptitude	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M
70					60	CO2	Develop research insight through academic and professional experiences	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L
70					60	CO3	Investigate business processes and organizations and specific domains of research	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M
70					60	CO4	Prepare project report with assigned topics	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
71	SEM IV (2018-2020)	030241404 - PP	T3082	IT Consulting	60	CO1	By the end of the course, students are able to differentiate various lines of practices of IT Consulting	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
71					60	CO2	By the end of the course, students are able to understand IT consulting market, needs and challenges and develop strategies for IT Consulting leveraging various frameworks, processes, methods and tools	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
71					60	CO3	By the end of the course, students are able to apply the strategic advantages of GDM for buyers of IT Services	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L
71					60	CO4	By the end of the course, students are able to apply the various life Cycle Stages of IT consulting to real life customer situations and align business to IT strategies in customer engagements	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L

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71					60	CO5	By the end of the course, students are able to create execution, pricing, risk and value proposition models and appreciate the future directions of IT and propose a course of action with respect to consulting	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L
72	SEM IV (2018-2020)	030241405 - PP	T2236	Corporate Governance and Ethics	60	CO1	to introduce different theories of ethics to the students	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
72					60	CO2	To discuss different types of corporate governance types and its importance in todays times	Strong-H	Strong-H	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H
72					60	CO3	To make students aware of the principles behind corporate governance frameworks	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
72					60	CO4	To familiarise and critically evaluate some of the overarching institutions that contribute to the need for governance structures	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
73	SEM IV (2018-2020)	030241406 - PP	T3043	Resilience Management, BCP and CRM	60	CO1	By the end of this course, students will be able to explain Resilience Management, BCP strategy and practices which are prevalent at the IT set-ups in an Enterprise.	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L
73					60	CO2	By the end of this course, students will be able to evaluate the Risk and Impact of disaster on Business.	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
73					60	CO3	By the end of this course, students will be able to determine the application of new technologies in BCP and DR	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L
73					60	CO4	Students should be able to study the crisis response management plan framework supported by appropriate use cases, portraying the reactive procedure of corporates	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
74	SEM IV (2018-2020)	030241407 - PP	T3033	Cyber Security-A Case Study Approach	60	CO1	Learner will be able to recall and explain importance of Cyber Security in the Eco system of cyber defense.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
74					60	CO2	Learner should be able to do analysis avoiding cognitive biases for threat intelligence analysis.	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L
74					60	CO3	Learner should be able to examine and classify different attacks/ incidents	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
74					60	CO4	Learner will be able to dissect and make inferences to provide security solution.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L
75	SEM IV (2018-2020)	030241408 - PP	T3063	Data Centre Infrastructure Management	60	CO1	By the end of this course, Students will be able to explain the key DC concepts, latest trends in DC	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L

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75					60	CO2	By the end of this course, Students will be able to apply and demonstrate how to select a site for DC	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	-	-	-
75					60	CO3	By the end of this course, Students will be able to Analyze, compare and examine how to ensure the configuration of Data center technologies namely VLAN,Switch to Switch configuration	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	-	-	-
75					60	CO4	By the end of this course, Students will be able to understand the Data centre Security , NOC and Call Center working	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-
76	SEM IV (2018-2020)	030241409 - PP	T3334	Smart IT Infrastructure	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L
76					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
76					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
76					60	CO4	y the end of this course, students will practically design IT solutions	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H
77	SEM IV (2018-2020)	030241410 - PP	T3110	Technology Management	60	CO1	Students will be able to understand and comprehend the concept of Technology Management.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
77					60	CO2	Students will be able to analyze the strategic advantages of using Technology Management in different business domains.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
77					60	CO4	Students will be able to analyze, synthesize, assess, advise and propose the course of action for acquiring and adopting the right technology that renders strategic advantage to the organization.	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
77					60	CO5	Students will be able maximize their experiential learning about technology management to industry domains	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
78	SEM IV (2018-2020)	030241411 - PP	T3107	Service Oriented Computing	60	CO1	By the end of this course, students will be able to understand and design a IT System	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
78					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
78					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H

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78					60	CO4	By the end of this course, students will practically design IT solutions	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
79	SEM IV (2018-2020)	030241412 - PP	T3104	IT Products	60	CO1	Students should be able to define IT Product Marketing and discuss what it entails	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
79					60	CO2	students will discuss and explain various considerations for IT Product Market	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
79					60	CO3	To describe the alignment between business strategy and product strategy	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
79					60	CO4	The students will be learn to develop product strategy in local, national and international markets	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L
80	SEM IV (2018-2020)	030241413 - PP	T3131	Global IT Delivery Models	60	CO1	By the end of the course, students are able to understand and explain basics of Global IT Delivery Models and their criticality in IT Organizations	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
80					60	CO2	By the end of the course, students are able to understand need for GDM from the buyer and supplier sides	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
80					60	CO3	By the end of the course, students are able to apply the strategic advantages of GDM for buyers of IT Services	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
80					60	CO4	By the end of the course, students are able to analyze, evaluate and create strategic advantage and Cost Benefit Analysis for various IT GDMs	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
80					60	CO5	By the end of the course, students in groups are able to research, evaluate and create industrial perspectives of various technical and financial models for IT GDMs	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
81	SEM IV (2018-2020)	030241414 - PP	T3506	Analytics Applications	60	CO1	Define Analytics and its Applications across all domains	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
81					60	CO2	To understand the functional component in and IT Business	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
81					60	CO3	To be able to identify and solve the problem using data analytics	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L
81					60	CO4	To understand the Retail Analytics/Manufacturing/Marketing/BFSI and important KPIs/Metrics	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L
82	SEM IV (2018-2020)	030241415 - PP	T3368	Domain specific Analytics Project	60	CO1	By the end of this course, students will be able to understand and design a IT System	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
82					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H

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82					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H
82					60	CO4	By the end of this course, students will practically design IT solutions	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Centre for Information Technology Programme Name : Master of Business Administration (Data Sciences and Data Analytics)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA2	Global citizenship: ethical, social and professional understanding	PO1	At the end of program students will be able to apply relevant Data driven Decision Making Skills in a given business scenario. Managerial Skills
2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	At the end of program students will identify, analyze, design and evaluate machine learning based models to solve complex societal, business and industry problems. Cutting edge technical skills
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	At the end of program students will be able to make socially and environmentally sustainable decisions and propose solutions having national/international standards. Sensitisation towards society
4	GA2	Global citizenship: ethical, social and professional understanding	PO4	At the end of program students will be able to demonstrate professional and personal Ethics
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	At the end of program students will communicate effectively that includes comprehension, presentation and reporting for business activities
6	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO6	At the end of program students will communicate effectively that includes comprehension, presentation and reporting for business activities
7	GA1	Scholarship: research, inquiry and lifelong learning	PO7	At the end of program students will apply Cognitive Thinking in designing AI based solutions
8	GA2	Global citizenship: ethical, social and professional understanding	PO8	At the end of program students will apply critical thinking to identify, analyze and formulate, business problems and suggest solutions
9	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO9	At the end of program students will recognize the need for innovation and entrepreneurial skills in the context of next generation technology leading towards national development

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
2					60	CO5	To work and learn to do reflective communication, both independently and in groups	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO6	To develop research skills such as analysis, interpretation, and synthesis of the data	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
3	SEM I (2019-2021)	030242103 - PP	T3445	Data Mining	60	CO1	To understand and apply range of data mining techniques	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
3					60	CO2	To be able to properly analyze, interpret and communicate methodological results	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
3					60	CO3	To evaluate and assess performance of data mining techniques	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
3					60	CO4	To be able to access appropriateness of mining methods for different applications	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
3					60	CO5	To apply appropriate data preprocessing techniques	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
4	SEM I (2019-2021)	030242104 - PP	T3443	Data preparation and Data management	60	CO1	To obtain and manipulate datasets	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
4					60	CO2	To understand, apply, and analyze range of techniques useful for data preparation and data management	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
4					60	CO3	To be able to properly build data cleaning/preprocessing scripts for converting raw to tidy data	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
4					60	CO4	To do descriptive analytics - data summarization and hypothesis testing	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
4					60	CO5	Interpret and disseminate analytics results	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
5	SEM I (2019-2021)	030242105 - PP	T2114	Essentials of Marketing Management	60	CO1	By the end of this course, Students will be able to explain the key marketing concepts, customer value, target markets, the marketing mix, the exchange process, relationship marketing, and the marketing environment .	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
5					60	CO2	By the end of this course, Students will be able to Interpret, apply and demonstrate how the forces of the marketing environment influence marketing strategy decisions	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
5					60	CO3	By the end of this course, Students will be able to Analyze, compare and examine how organizations identify target markets and estimate market potential and forecast sales	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L
5					60	CO4	By the end of this course, Students will be able Create, design and formulate marketing strategies that add customer value.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
6	SEM I (2019-2021)	030242106 - PP	T3442	Introduction to data Sciences	60	CO1	By the end of this course, students will be able to understand and apply mathematical principles of Linear Algebra, including sets, functions, matrices to Data Science problems	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
6					60	CO2	By the end of this course, students will be able to understand and apply mathematical principles of calculus including differentiation and integration to Data Science problems	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L

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6					60	CO3	By the end of this course, students will be able to understand, apply and examine types of data and various domain specific analytics	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
6					60	CO4	By the end of this course, students will be able analyze and evaluate real world problems in Data Science	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
7	SEM I (2019-2021)	030242107 - PP	T2560	Principles and Practices of Management	60	CO1	To understand the basics of business theory and comprehend business principles, practices and skills.	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	-
7					60	CO2	To understand the varied range of business organizations and activities and the cultural and economic perspective in which business functions.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	-
7					60	CO3	To understand the Organizational Behavior concepts practiced in an organization.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	-
7					60	CO4	To enable students' to be critical and effective contributors in overall business scenario.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-
8	SEM I (2019-2021)	030242108 - PP	T3444	Programming for Data Sciences	60	CO1	To explain the concepts of R Language	Moderate-M	Weak-L	-	Weak-L	Moderate-M	-	Weak-L	Moderate-M	Weak-L
8					60	CO2	To explain the concepts of Python Language	-	Weak-L	-	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
8					60	CO3	To apply R & Python for data extraction and analysis	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
9	SEM I (2019-2021)	030242109 - PP	T3436	Domain Study(Manufacturing and Logistics)	60	CO1	By the end of this course, the students will be able explain manufacturing and logistics concepts, the underlying processes, linkages between the two concepts.	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L

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9					60	CO2	By the end of this course, the students will be able interpret the classification of manufacturing systems and logistics. Compare and contrast the growth and maturity of manufacturing and logistics industry from past to present.	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M
9					60	CO3	By the end of this course, the students will be able to analyze and appreciate the future trends in the manufacturing and logistics domain. Apply and demonstrate the impact of information technology and analytics in manufacturing and logistics domains.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H
9					60	CO4	By the end of this course, students will be able design a typical production and logistics process from an end-to-end perspective.	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
10	SEM I (2019-2021)	030242110 - PP	T4005	Integrated Disaster Management	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
10					60	CO2	By the end of this course, students will be able to understand and apply what is taught	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L
10					60	CO3	By the end of this course, students will be able to understand, apply and examine various situations	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
10					60	CO4	By the end of this course, students will practically realise what is done	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
11	SEM I (2019-2021)	030242111 - PP	T3446	Advance Data Mining	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M

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11					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M
11					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes.	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
11					60	CO4	By the end of this course, students will practically design IT solutions	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
12	SEM I (2019-2021)	030242112 - PP	T3331	Cloud Computing	60	CO1	By the end of this course students will be able To compare the Cloud Computing services	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M
12					60	CO2	:By the end of this course students will be able To examine Security in Cloud	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H
12					60	CO3	By the end of this course students will be able To develop Cloud Governance	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H
12					60	CO4	By the end of this course students will be able To analyse the cost-benefit of adopting cloud technologies	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
13	SEM I (2019-2021)	030242113 - PP	T3447	Machine learning	60	CO1	By the end of this course, students will be able to understand and design a Machine Learning System	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
13					60	CO2	By the end of this course, students will be able to understand and apply probabilistic modeling, supervised, unsupervised and semi-supervised learning models to problems in data science	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L

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13					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories used in ML algorithms, namely parametric and non-parametric methods, Bayesian decision theory, Decision Tree, clustering, hidden Markov models	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
13					60	CO4	By the end of this course, students will be able understand analyze, apply and evaluate various specific ML algorithms including Ensemble methods, Neural Networks, Reinforcement Learning to industry problems in data science	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
14	SEM I (2019-2021)	030242114 - PP	T3448	Text Analytics	60	CO1	To explain the concepts of Natural Language Processing	Moderate-M	Weak-L	-	Weak-L	Strong-H	-	Weak-L	Moderate-M	Weak-L
14					60	CO2	To formulate Regular Expressions for given text data	-	Weak-L	-	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
14					60	CO3	To examine various Text Mining Algorithms. (Sentiment Analysis, Summarization, etc)	-	-	-	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
14					60	CO4	To experiment with Text data and create useful Knowledge.	Weak-L	-	-	Weak-L	Weak-L	-	-	Strong-H	Weak-L
15	SEM II (2019-2021)	030242201 - PP	T3450	Advance data organization	60	CO1	To understand the concepts of New Databases and their potential Applications	Moderate-M	Moderate-M	-	-	-	Moderate-M	Strong-H	-	Weak-L
15					60	CO2	To understand and Experiment with MongoDB	-	Strong-H	-	-	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
15					60	CO3	To understand and Experiment with Neo4j	-	Strong-H	-	-	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M
15					60	CO4	To understand and Experiment with Cassandra	-	Strong-H	-	-	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L

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15					60	CO5	To understand and Experiment with VoltDB	-	Strong-H	-	Weak-L	-	Moderate-M	Strong-H	Weak-L	Weak-L
15					60	CO6	To understand and Experiment with Hadoop	-	Strong-H	-	Strong-H	-	Moderate-M	Strong-H	Weak-L	Weak-L
16	SEM II (2019-2021)	030242202 - PP	T3070	Advanced Business Statistics for Decision Making	60	CO1	To understand and apply conceptual breadth of statistical applications in business and research	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L
16					60	CO2	To make inferences using samples drawn from larger datasets	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L
16					60	CO3	To rectify and report when statistical analysis has led to an important business conclusion	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L
16					60	CO4	To evaluate judiciously chosen compelling examples, caselets, baby cases and business improvement themes	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L
17	SEM II (2019-2021)	030242203 - PP	T3451	Data Visualization and modeling	60	CO1	To understand/interpret the key techniques and theory (Visual Encoding) used in visualization	Moderate-M	Weak-L	-	Weak-L	Strong-H	-	Weak-L	-	Weak-L
17					60	CO2	To be able to practically create visualizations from given data using appropriate methods/tools	Weak-L	Weak-L	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
17					60	CO3	To be able to practically create visualizations from given data	Moderate-M	Strong-H	-	-	-	-	Strong-H	-	Weak-L
17					60	CO4	To be able to choose appropriate tools for data visualization	Strong-H	Strong-H	-	-	-	Weak-L	Strong-H	Weak-L	Moderate-M
18	SEM II (2019-2021)	030242204 - PP	T3449	Predictive Analytics	60	CO1	At the end of the course students will be able to explain concept and significance of Predictive Analytics to business	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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19					60	CO6	Students will experience observation methods of qualitative info. Transcription and participation in FGD	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
20	SEM II (2019-2021)	030242206 - PP	T2253	Strategic Management	60	CO1	Students should be able to understand what is Strategy by definition and concept	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
20					60	CO2	Students will develop an ability to analyze a problem, and identify the external environment factors	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
20					60	CO3	To Understand the Internal Environment and identify the same fro different companies	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
20					60	CO4	Should establish a relationship between Strategy and Change management	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
20					60	CO5	Students should debvelop strategy depending on various firms	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L
21	SEM II (2019-2021)	030242207 - PP	T6075	Managerial Economics	60	CO1	Students will be able Understand the roles of managers in firms	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
21					60	CO2	Students will be able to apply economic principles in managerial decision problems using economic reasoning.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
21					60	CO3	Students will be able to analyze the demand and supply conditions and assess the position of a company	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
21					60	CO4	Students will able to design competition strategies, including costing, pricing, product differentiation, and market environment according to the natures of products and the structures of the markets.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L

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21					60	CO5	Students will be able to analyze real-world business problems with a systematic theoretical framework and will be able understand and interpret business situations and environment, using a quantitative and analytical approach.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
22	SEM II (2019-2021)	030242208 - PP	T3437	Domain Study(BFSI)	60	CO1	By the end of this course,Students will be able to Understanding the relevant basic concepts and principles in banking and insurance so that he/she is able to understand the subject.	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	-	-
22					60	CO2	By the end of this course, Students will be able to Understand financial institutions and their role in the financial markets.	Moderate-M	-	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	-
22					60	CO3	By the end of this course, Students will be equipped with knowledge of concepts and activities related to the special requirements of financial services.	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Weak-L	Weak-L	-
22					60	CO4	By the end of this course, Students will be able The students can get relevant knowledge in commercial, co-operative and Regional rural Banks and other financial institutions.	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	-
23	SEM II (2019-2021)	030242209 - PP	T3348	Design Thinking	60	CO1	At the end of the course, students will be able to understand and comprehend the basics of Design Thinking and its application	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M

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23					60	CO2	At the end of the course, students will be able to analyze the strategic advantages of using Design Thinking in IT and related domains	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
23					60	CO3	At the end of the course, students will be able to research, work and learn in groups to experience the various phases of the Design Thinking process.	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
23					60	CO4	At the end of the course, students will be able to analyze, synthesize and create an industry based prototype using the Design Thinking process	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
23					60	CO5	At the end of the course, students will be able to adapt the prototype to the industry/societal real-life challenges	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
24	SEM II (2019-2021)	030242210 - PP	T3572	Introduction to Block Chain	60	CO1	CO1: Students will be able to understand and comprehend the basics of Blockchain Technology	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L
24					60	CO2	CO2: Students will be able to analyze the strategic advantages of applications of Blockchain Technology to Business purposes	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
24					60	CO3	CO3: Students will be able to research, work and learn in groups to experience the Blockchain Technology	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
25	SEM II (2019-2021)	030242211 - PP	T3309	Big Data Analytics	60	CO1	To Understand the concept and significance of big data analytics	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
25					60	CO2	To understand architecture of HDFS and Hadoop	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H

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25					60	CO3	To understand and apply MapReduce programming for big data analytics	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
25					60	CO4	To understand and apply Pig programming for big data analytics	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
25					60	CO5	To understand and apply HIVE programming for big data analytics	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
25					60	CO6	To understand and apply NoSQL using Hbase	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
26	SEM II (2019-2021)	030242214 - PP	T3509	Artificial Intelligence	60	CO1	Students will be able to understand and comprehend the concepts of Artificial Intelligence (AI)	-	Weak-L	Weak-L	-	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M
26					60	CO2	Students will be able to analyze the power of AI applications through various techniques and tools	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
26					60	CO3	Students will be able to research, work and learn in groups to experience various applications of AI in business	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
26					60	CO4	Students will be able to analyze, synthesize and create appropriate industry cases to unleash the power of AI	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
26					60	CO5	Students will be able to use the AI cases to address industry/societal real-life decision challenges	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
27	SEM II (2019-2021)	030242215 - PP	T3453	Deep learning	60	CO1	By the end of this course, students will be able to understand the distinction between Machine Learning and Deep Learning and design a Deep Learning Network	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L

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27					60	CO2	By the end of this course, students will be able to understand and apply deep neural network models including hyper-parameter tuning to problems in data science	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
27					60	CO3	By the end of this course, students will be able to understand, apply and examine Convolutional Neural Networks (CNN) and Deep Learning Models for Text and sequences such as LSTM, their deep learning models including Recurrent neural networks (RNN), Recursive Nets, Deep Belief Nets, Deep Generative models and Boltzmann machines to problems in data science	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M
27					60	CO4	By the end of this course, students will be able understand, analyze, apply and evaluate th above models to industry problems in data science such as Computer Vision, Image processing, Text Analytics, Voice search in Siri etc, IBM Watson and Google Deep Mind	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
28	SEM III (2018-2020)	030242301 - PP	T3909	Industry Internship	60	CO1	Demonstrate on job skills, knowledge, attitudes and acquire the experience essential to be professional in corporate career	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L
28					60	CO2	Develop insight through professional experiences and working in the real organizations	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
28					60	CO3	Investigate business processes and organizations.	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H

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28					60	CO4	Investigate business processes and organizations.	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M
28					60	CO5	Develop research aptitude	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M
29	SEM III (2018-2020)	030242302 - PP	T2572	Human Resource Management	60	CO1	By the end of this course: define the basic concepts function scope and techniques used in HRM	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
29					60	CO2	By the end of this course :analyse the various contemporary issues in current scenario	Strong-H	Strong-H	Strong-H	-	-	Strong-H	Strong-H	Moderate-M	Weak-L
29					60	CO3	By the end of this course :Apply and demonstrate the HR skills of mangers in todays working environment	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
29					60	CO4	By the end of this course :Interpret and evaluate the various HR policies and practices	Moderate-M	Strong-H	-	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L
30	SEM III (2018-2020)	030242303 - PP	T2353	Entrepreneurship	60	CO1	By the end of this course,Students will be able to explain the key marketing concepts, customer value,target markets, the marketing mix, the exchange process, relationship marketing, and the marketing environment .	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
30					60	CO2	By the end of this course, Students will be able to Interpret, apply and demonstrate how the forces of the marketing environment influence marketing strategy decisions	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
30					60	CO3	By the end of this course, Students will be able to Analyze, compare and examine how organizations identify target markets and estimate market potential and forecast sales	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
30					60	CO4	By the end of this course, Students will be able To create a practical Bpaln for an idea.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
31	SEM III (2018-2020)	030242304 - PP	T3455	Data Protection and Privacy	60	CO1	At the end of this course students will be able to outline the need for Data Protection and Privacy in today's world with such technological advancements and increasing social networking.	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M
31					60	CO2	At the end of this course students will be able to throws light on the measures adopted for the data protection in the Indian context, the legal amendments and existing self-regulatory organizations like DSCI.	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	Moderate-M
31					60	CO3	At the end if this course, students will be able to address the privacy issues found internationally and contrast it with the privacy issues in India.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M
31					60	CO4	At the end of this course students will be able to do a comparative study among the various existing data protection and privacy acts worldwide	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L

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32	SEM III (2018-2020)	030242305 - PP	T3438	Domain study(Health care)	60	CO1	By the end of this course, the students will be able explain concepts in the Health Care domain, the underlying processes, linkages between the two concepts.	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
32					60	CO2	By the end of this course, the students will be able interpret the classification of Health Care industry. Compare and contrast the growth and maturity of Health Care industry from past to present.	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M
32					60	CO3	By the end of this course, the students will be able to analyze and appreciate the future trends in the Health Care domain. Apply and demonstrate the impact of information technology and analytics in Health Care domain.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H
32					60	CO4	By the end of this course, students will be able design a typical health care industry eco-system, its process and practices from an end-to-end perspective.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
33	SEM III (2018-2020)	030242306 - PP	T3456	Customer analytics	60	CO1	By the end of this course, Students will be able to explain the key marketing concepts, customer value and measure customer attitudes.	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
33					60	CO2	By the end of this course, Students will be able to map Customer journey	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M
33					60	CO3	By the end of this course, Students will be able to Analyze, compare and examine customer loyalty	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M

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33					60	CO4	By the end of this course, Students will be able model, and do analytics on customer data	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
34	SEM III (2018-2020)	030242307 - PP	T3134	Social Media and Web Analytics	60	CO1	By the end of this course, students will be able to understand the different types of social media and its use in business	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
34					60	CO2	By the end of this course, students will be able to apply these learning in a real time project	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
34					60	CO3	By the end of this course, students will be able to use social media effectively for business strategies	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
34					60	CO4	By the end of this course, students will be able to use the appropriate web analytic tools in the business functions	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
35	SEM III (2018-2020)	030242308 - PP	T3457	Fraud Detection Analytics	60	CO1	At the end of this course students will be able to explain outline the various frauds and how data science could be applied in detecting these frauds.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
35					60	CO2	At the end of this course students will be able to demonstrate the existing fraud detection techniques.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M
35					60	CO3	At the end of this course students will be able to investigate how the analytics approach can enhance the fraud detection.	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M
35					60	CO4	At the end of this course students will be able to evaluate the advancements in this evolving field.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H

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36	SEM III (2018-2020)	030242309 - PP	T3458	Healthcare analytics	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
36					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
36					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H
36					60	CO4	By the end of this course, students will practically design IT solutions	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
37	SEM III (2018-2020)	030242310 - PP	T3459	Insurance Analytics	60	CO1	By the end of this course, students will be able to understand and design a IT System	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M
37					60	CO2	By the end of this course, students will be able to understand and apply IT Models	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
37					60	CO3	By the end of this course, students will be able to understand, apply and examine various theories, algorithms, methods, and processes.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
37					60	CO4	By the end of this course, students will practically design IT solutions	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M
38	SEM IV (2018-2020)	030242401 - PP	T2236	Corporate Governance and Ethics	40	CO1	At the end of the course students will learn the theories of ethics and governance.	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H
38					40	CO2	At the end of the course students will learn the different types of corporate governance types and its importance in todays times.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L

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38					40	CO3	At the end of the course students will learn different corporate governance frameworks	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H
38					40	CO4	At the end of the course students will learn be familiarised with and be able to critically evaluate some of the overarching institutions that contribute to the need for governance structures.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H
39	SEM IV (2018-2020)	030242402 - PP	T2416	Sustainability Standards - Application, Analysis and Reporting	60	CO1	Analyse concepts of corporate sustainability in energy and environment sector for business	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
39					60	CO2	Examine corporate sustainability systems and processes used in industry and their relevance for society	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L
39					60	CO3	Categorise and analyse global sustainability standards, methodologies and tools and their applications in industry	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	-
39					60	CO4	Design sustainability models and frameworks for application in Business	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	-
40	SEM IV (2018-2020)	030242403 - PP	T3701	Dissertation	60	CO1	Develop research aptitude	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
40					60	CO2	Develop research insight through academic and professional experiences	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
40					60	CO3	Investigate business processes and organizations and specific domains of research	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
40					60	CO4	Prepare project report with assigned topics	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M

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41	SEM IV (2018-2020)	030242404 - PP	T3435	Domain Study(Retail)	60	CO1	By the end of this course, Students will be able to understand the retail industry from multiple perspectives, i.e. political, regulatory, industry, consumer and individual career prospects - across both the brick & mortar (physical) retail and online retailing.	Strong-H	-	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	-	Strong-H
41					60	CO2	By the end of this course, Students will be able to identify Retail formats, channels across different types of retail and also understand its market strategies including franchising, global trends in retail sector and ecosystem around it.	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
41					60	CO3	By the end of this course, Students will be able to analyze the operational aspects of the business, i.e. financial performance measures, gross margin ratios, profitability accelerators, IT systems and supply chain processes	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
41					60	CO4	By the end of this course, Students will be able develop merchandise budget, merchandise plans, sourcing and buying behaviors,	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
42	SEM IV (2018-2020)	030242405 - PP	T3461	IoT analytics	60	CO1	To analyse potentially challenging problems and solve them effortlessly using the IOT methodologies	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
42					60	CO2	To design intelligent systems that learn from complex/Big/distributed Data	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H

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42					60	CO3	To apply the artificial intelligence based approaches in classification and retrieval applications	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
42					60	CO4	Work and learn both independently and in groups	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
43	SEM IV (2018-2020)	030242406 - PP	T3464	HR Analytics	60	CO1	By the end of this course, Students will be able to explain the key HR Analytics concepts and how Analytics can be applied to solve different problems in HR (from Hiring, compensation, engagement, attrition eetc.)	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
43					60	CO2	By the end of this course, Students will be able to Interpret, apply and demonstrate how analytics based decisions can help HR take good strategic decisions	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
43					60	CO3	By the end of this course, Students will be able to Analyze, compare and examine how HR models are created and applied	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L
43					60	CO4	By the end of this course, Students will be able Create, design and execute HR Analytics projects - from Descriptive statistics to Predictive and Prescriptive statistics	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
44	SEM IV (2018-2020)	030242408 - PP	T3463	Energy analytics	60	CO1	To understand energy systems fundamentals, trends and value system to organization	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	-	-
44					60	CO2	To do descriptive , predictive and prescriptive Analytics	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	-
44					60	CO3	Use energy Analytics tools	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-

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44					60	CO4	To do understand emerging trends	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Weak-L	-	-

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	BCA offers the pre-qualification for professionals heading for smart career in the IT field, which measures up to international standards.
2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	This program provides ability to analyze, design and code the software systems.
3	GA1	Scholarship: research, inquiry and lifelong learning	PO3	An ability to understand the concepts of logic development, best software practices used in industry.
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	An ability to understand and apply knowledge of content management system mobile computing, computer game designing and cloud in the field of software development

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1	SEM I	030121101 - PP	T3586	Web Technologies	60	CO1	Students will learn the concepts of Web technologies	-	Strong-H	-	-
1					60	CO2	Student will able to create web site using HTML	-	Strong-H	-	-
1					60	CO3	Students will able to use CSS styling	-	Strong-H	-	-
1					60	CO4	Students will be able to validate user input using JavaScript	-	-	Strong-H	-
2	SEM I	030121102 - PP	T3593	Computational Thinking	60	CO1	To understand the components of a computer	-	Strong-H	-	-
2					60	CO2	To understand the characteristics of low level and high level programming languages	-	Strong-H	-	-
2					60	CO3	To understand computer codes and represent data in different number systems	-	Strong-H	-	-
2					60	CO4	To understand and implement algorithms using tools such as flowcharts	-	-	Strong-H	-
2					60	CO5	To understand the concept of logical and computational thinking	-	-	Strong-H	-
3	SEM I	030121103 - PP	T2495	Business Communication	60	CO1	The students will be exposed to the dynamics of business and managerial communication.	Strong-H	-	-	-
3					60	CO2	The course will enable the students to sharpen their communication skills ,including writing and public speaking.	Strong-H	-	-	-
3					60	CO3	They will be able to use business vocabulary in speech and writing.	Strong-H	-	-	-
3					60	CO4	They will develop writing skills suitable for internal and external organizational communication.	Strong-H	-	-	-
3					60	CO5	They will develop reading skills and sub skills.	Strong-H	-	-	-

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4	SEM I	030121104 - PP	T3322	Elements of Mathematics	60	CO1	To know/understand the basic concepts of mathematics	-	Strong-H	Strong-H	Strong-H
4					60	CO2	To develop the logical thinking from mathematical concepts	-	Strong-H	Strong-H	Strong-H
4					60	CO3	To be able to write algorithms for simple mathematical concepts	Strong-H	Strong-H	Strong-H	Strong-H
5	SEM I	030121105 - PR	T3244	Introduction to Database Management System	60	CO1	To understand basic concepts of Database Management System	Strong-H	Strong-H	Strong-H	Strong-H
5					60	CO2	To understand database development Life Cycle	Strong-H	Strong-H	Strong-H	Strong-H
5					60	CO3	Design of data models	Strong-H	Strong-H	Strong-H	Strong-H
6	SEM I	030121106 - PP	T3213	Introduction to Operating System	60	CO1	The students will able to explain different types of Operating Systems.	Strong-H	-	Strong-H	Strong-H
6					60	CO2	The students will be able to discuss the concepts of Operating System and its services	-	Strong-H	-	Strong-H
6					60	CO3	The students will be able to express the Linux Structure.	-	Strong-H	-	Strong-H
6					60	CO4	The students will be able to use basic Linux Commands.	-	Strong-H	Strong-H	Strong-H
7	SEM I	030121107 - PP	T3198	Introduction to Python	60	CO1	To understand the basic concepts of a programming language and Python	Strong-H	-	-	-
7					60	CO2	To understand and analyse the control constructs like if, for and while	Strong-H	Strong-H	-	-
7					60	CO3	To understand and analyse the lists, strings and dictionary in Python along with their methods	Strong-H	Strong-H	-	-
7					60	CO4	To implement the control constructs and lists in various applications	Strong-H	Strong-H	-	-
8	SEM I	030121108 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Moderate-M	-	-	-
8					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Moderate-M	-	-	-
8					60	CO3	To train students to perform First aid and CPR in an emergency..	Moderate-M	-	-	-
9	SEM II	030121201 - PP	T3594	Digital Systems and Computer Organization	60	CO1	To enable students to understand basic concepts of digital logic circuits.	Moderate-M	Strong-H	Moderate-M	Moderate-M
9					60	CO2	To understand combinational and sequential circuits	Moderate-M	Strong-H	Moderate-M	Strong-H
9					60	CO3	To understand CPU Architecture and organization	Weak-L	Weak-L	Moderate-M	Strong-H
9					60	CO4	To understand basics of Memory segmentation and pipelining.	Strong-H	Strong-H	Strong-H	Weak-L
9					60	CO5	To study CPU and Input output device communication	Strong-H	Weak-L	Moderate-M	Moderate-M
10	SEM II	030121202 - PP	T3610	Applications of Spreadsheets in Business	60	CO1	Explain Statistics concepts and fundamentals	Weak-L	Strong-H	Weak-L	-
10					60	CO2	Construct awareness about functioning of spreadsheet system	-	Strong-H	Moderate-M	Weak-L

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10					60	CO3	Illustrate the tools and techniques used in statistics	-	Weak-L	Strong-H	Moderate-M
10					60	CO4	Enable students to know strategies in industry.	Strong-H	Weak-L	Weak-L	Weak-L
10					60	CO5	Apply statistics concepts to various industry sectors using spreadsheets	Moderate-M	Moderate-M	Moderate-M	Strong-H
11	SEM II	030121203 - PP	T3206	Advanced Programming in Python	60	CO1	To create and use data structures in Python	Weak-L	Strong-H	-	-
11					60	CO2	To handle exceptions	Weak-L	Strong-H	-	-
11					60	CO3	To work with files	Weak-L	Strong-H	-	-
11					60	CO4	To implement object oriented programming techniques	Strong-H	Strong-H	Strong-H	-
11					60	CO5	To explain the applications of the basic and advanced features of Python	Strong-H	-	Strong-H	-
12	SEM II	030121204 - PP	T3209	Data Structures	60	CO1	To discuss Data Structures and Data types	Moderate-M	Strong-H	Strong-H	-
12					60	CO2	Explain the concept of Linear Data structure Array,stack,Queue,Linked list	Moderate-M	Strong-H	Strong-H	-
12					60	CO3	Explain the concept of NonLinear Data structure Tree	Moderate-M	Strong-H	Strong-H	-
12					60	CO4	Extend the topic of searching and sorting as an application of an Array	Moderate-M	Strong-H	Strong-H	-
13	SEM II	030121205 - PP	T3224	Network Essentials	60	CO1	Students will be able to understand the basic concepts and terminologies in the area of networking.	Strong-H	Weak-L	Weak-L	Strong-H
13					60	CO2	Students will be able describe network architecture and network topologies. The different network devices required to setup network devices	Moderate-M	Strong-H	Moderate-M	Strong-H
13					60	CO3	Students will be able to understand OSI model and TCP/IP model	Moderate-M	Moderate-M	Strong-H	Moderate-M
13					60	CO4	Students will be able to design network layout for small business units.	Moderate-M	Moderate-M	Strong-H	Strong-H
13					60	CO5	Students will have the introductory knowledge of network troubleshooting commands	Strong-H	Moderate-M	Weak-L	Weak-L
14	SEM II	030121206 - PP	T3205	Web Development using CMS	60	CO1	Explain content management systems and advantages of using CMS	Weak-L	Moderate-M	-	Strong-H
14					60	CO2	Use existing content types	Weak-L	Moderate-M	-	Strong-H
14					60	CO3	Construct custom content types	Weak-L	Moderate-M	-	Strong-H
14					60	CO4	Use the default menus and create new menus	Weak-L	Moderate-M	-	Strong-H
14					60	CO5	Create and configure blocks	Weak-L	Moderate-M	-	Strong-H
14					60	CO6	Identify and create various user roles	Weak-L	Moderate-M	-	Strong-H
15	SEM II	030121207 - PP	F0002	Flexi-Credit Course	60	CO1	To make the students familiarize with the fundamentals of Access control, Authentication and Authorization.	Weak-L	Weak-L	Weak-L	Strong-H
15					60	CO2	To enable students to map the concept of IdAM to health care providers , financial domain and telecom domain	Weak-L	Weak-L	Weak-L	Strong-H

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15					60	CO3	To enable students to understand Identity Management and its requirements, the respective technology.	Weak-L	Weak-L	Weak-L	Strong-H
16	SEM II	030121208 - PP	T3605	Elements of System and Software Development	60	CO1	Students will have the knowledge on the elements of any system in the organization.	-	Weak-L	Strong-H	Moderate-M
16					60	CO2	Students will be able to differentiate different organizational Processes	Strong-H	Weak-L	-	Moderate-M
16					60	CO3	Students will be able to understand the different artifacts produced in the Software Development Process.	-	Strong-H	Moderate-M	Weak-L
16					60	CO4	Student will be able to apply the basic concepts of Software Development Methodology.	Moderate-M	Moderate-M	Moderate-M	Strong-H
17	SEM II	030121209 - PP	T3609	Structured Query Language	60	CO1	To illustrate ER modeling and DB Design	Moderate-M	Strong-H	Moderate-M	Moderate-M
17					60	CO2	To understand building database	Moderate-M	Moderate-M	Strong-H	Strong-H
17					60	CO3	To perform CRUD operation on database usng DML statements	Weak-L	Weak-L	Strong-H	Strong-H
17					60	CO4	To understand creating views using database	Moderate-M	Moderate-M	Strong-H	Moderate-M
18	SEM II	030121210 - PP	T2883	Core Environmental Studies	60	CO1	Natural Resources and its importance	Weak-L	-	-	-
18					60	CO2	Resource Depletion and probable steps to recover	-	Moderate-M	-	-
18					60	CO3	Fundamental concept of ecology and ecosystem	-	-	Moderate-M	-
18					60	CO4	Biodiversity and its importance	-	Weak-L	Weak-L	Weak-L
18					60	CO5	Threats to biodiversity and protection mesuares	-	-	Moderate-M	Moderate-M
19	SEM III	030121301 - PP	T3380	Computer Organization and Microprocessor	60	CO1	To understand the concept of Computer Organisation and ComputerArchitecture	Strong-H	-	-	Strong-H
19					60	CO2	To understand CPU organization, Memory Organisation and Input-Output Organisation.	Strong-H	-	-	-
19					60	CO3	To understand basics of Memory segmentation and pipelining.	Strong-H	-	-	-
19					60	CO4	To write assembly language programmes using instrcution set of a Intel processor	-	Strong-H	Strong-H	-
19					60	CO5	To develop a logic and write assembly language programs using 8086 microprocessor instruction set.	-	Strong-H	Strong-H	Strong-H
20	SEM III	030121302 - PP	T3266	Basics of C Programming	60	CO1	To understand the basic concepts of a programming language and C language like operators, format speciers, variable declaration printf() and scanf() functions,	Strong-H	-	Strong-H	-
20					60	CO2	To understand and analyse the control constructs like if, switch, and loops like for, while, do while	-	Strong-H	Strong-H	-
20					60	CO3	To implement the control constructs in various applications	-	Strong-H	-	Strong-H

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20					60	CO4	To understand and implement the arrays, structures and pointers in various applications	-	Strong-H	Strong-H	-
20					60	CO5	To understand and implement the user defined functions in various applications	-	Strong-H	-	Strong-H
21	SEM III	030121303 - PP	T3210	Design and Implementation of Algorithms	60	CO1	Introduction and implementation of Data Structures	Strong-H	Strong-H	Strong-H	-
21					60	CO2	Performance Analysis	Strong-H	-	-	-
21					60	CO3	Recursion	-	Strong-H	Strong-H	-
21					60	CO4	Graphs and Heaps	-	Strong-H	-	-
21					60	CO5	Algorithm Design Strategies	-	-	Strong-H	-
22	SEM III	030121304 - PP	T3204	Server Side Web Technology	60	CO1	To understand execution process of a server-side scripting language (PHP)	Strong-H	-	-	-
22					60	CO2	Write PHP script using Basic staments and operators	Strong-H	-	-	-
22					60	CO3	To utilize numeric and Associative Array in PHP	Strong-H	-	-	-
22					60	CO4	Undersatnd Pre Define Functions of Arrays and Apply them	-	Strong-H	-	-
22					60	CO5	Able to write script with user define functions	-	Strong-H	-	-
22					60	CO6	Utilize Session and Cookies to store web Application Data	-	-	Strong-H	-
23	SEM III	030121305 - PP	T3390	SQL Programming	60	CO1	Understand basic SQL query	Strong-H	-	-	-
23					60	CO2	Understand and execute stored procedures and functions	Strong-H	Strong-H	Strong-H	Strong-H
23					60	CO3	Able to create cursors and database triggers	Strong-H	Strong-H	Strong-H	Strong-H
23					60	CO4	Able to understand and handle the exceptions during run time	Strong-H	Strong-H	Strong-H	Strong-H
24	SEM III	030121306 - PP	T3202	Object Oriented Programming	60	CO1	To understand fundamentals of object oriented programming in java including defining classes, invoking methods, using class libraries	-	Strong-H	Strong-H	-
24					60	CO2	Experiment with Object oriented concepts ,including polymorphism, inheritance, abstraction , classes and objects to develop java applications.	-	Strong-H	Strong-H	-
24					60	CO3	To understand the use of exception handling in Java applications.	-	Strong-H	Strong-H	-
24					60	CO4	To understand how to read and write files using java programming	-	Strong-H	Strong-H	-
24					60	CO5	To design GUI components with the Java Swing API.	-	Strong-H	Strong-H	-
25	SEM III	030121307 - PP	T3391	Software Engineering Practices	60	CO1	Students will be able to understand the Business requirements for software development. Students will be able to conduct the feasibility techniques and gather requirements from the customer using fact finding techniques.	Strong-H	Strong-H	Strong-H	Strong-H
25					60	CO2	Students will be able to present the system analysis using tools and techniques	Strong-H	Strong-H	Strong-H	Strong-H

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25					60	CO3	Students will be able to understand and write the software requirements for a business case	Strong-H	Strong-H	Strong-H	Strong-H
25					60	CO4	Students will be able to design system using relevent User Interface design methods, tools and techniques	Strong-H	Strong-H	Strong-H	-
25					60	CO5	Students will have the introductory knowledge of software testing, process models, system maintenance	Strong-H	Strong-H	Strong-H	-
26	SEM III	030121308 - PP	T2883	Core Environmental Studies	60	CO1	Natural Resources and its importance	Strong-H	-	-	-
26					60	CO2	Resource Depletion and probable steps to recover	Strong-H	-	-	-
26					60	CO3	Funadamental concept of ecology and ecosystem	Strong-H	-	-	-
26					60	CO4	Biodiversity and its importance	Strong-H	-	-	-
26					60	CO5	Threats to biodiversity and protection mesuares	Strong-H	-	-	-
27	SEM IV	030121401 - PP	T3273	Advanced Processor Architecture	60	CO1	Understanding of processor architectures- Compare and contrast different processor architectures, issues and porpose solutions	Weak-L	Moderate-M	Strong-H	Moderate-M
27					60	CO2	Develop an understanding of instruction level, thread level and process level parallelism	Weak-L	Strong-H	Strong-H	Strong-H
27					60	CO3	Develop an understanding of instruction level, thread level and process level parallelism	Weak-L	Strong-H	Strong-H	Strong-H
28	SEM IV	030121402 - PP	T3267	Advanced Programming in C	60	CO1	To write C code	Strong-H	Strong-H	Strong-H	Strong-H
28					60	CO2	To understand Basics of C, Arrays Implementation	Strong-H	Strong-H	Strong-H	Moderate-M
28					60	CO3	To understand working of Functions and Pointers	Strong-H	Strong-H	Moderate-M	Moderate-M
28					60	CO4	To implement Structures and Unions	Moderate-M	Moderate-M	Moderate-M	Moderate-M
28					60	CO5	To understand Files and Implement Files	Moderate-M	Strong-H	Moderate-M	Weak-L
29	SEM IV	030121403 - PP	T3318	Optimization Techniques in IT	60	CO1	To provide a historical perspective of the growth of Operations Research and Computers	Weak-L	Strong-H	Weak-L	Weak-L
29					60	CO2	To enable students to formulate Problems for developing Algorithms for decision making and to use software to obtain a solution	Weak-L	Weak-L	Strong-H	Weak-L
29					60	CO3	To be able to use optimization techniques in Software Project Management	Strong-H	Weak-L	Weak-L	Weak-L
29					60	CO4	To be able to apply optimization techniques in real life situation	Weak-L	Weak-L	Weak-L	Strong-H
30	SEM IV	030121404 - PP	T3522	Advanced Web Content Management Systems	60	CO1	Explain content management systems, their types and features	Weak-L	Moderate-M	-	Strong-H
30					60	CO2	Use existing content types and custom content type construction and menus and blocks and users	Weak-L	Moderate-M	-	Strong-H

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30					60	CO3	To explain Drupal file , directory structure and Configure themes and subthemes settings	Weak-L	Moderate-M	-	Strong-H
30					60	CO4	To configure Modules and settings	Weak-L	Moderate-M	-	Strong-H
30					60	CO5	To create documentation template using best practices ,security with PHP and usability testing	Weak-L	Moderate-M	Weak-L	Strong-H
31	SEM IV	030121405 - PP	T3387	Introduction to Design Patterns	60	CO1	To identify classes and the relationships between classes in a given scenario	Weak-L	Strong-H	Strong-H	Weak-L
31					60	CO2	To explain and implement creational design patterns	-	Strong-H	Strong-H	Weak-L
31					60	CO3	To explain and implement structural design patterns	-	Strong-H	Strong-H	Weak-L
31					60	CO4	To explain and implement behavioral design patterns	-	Strong-H	Strong-H	Weak-L
32	SEM IV	030121406 - PP	T3192	Technical Document Design	60	CO1	To understand the role of documentation with the awareness on types of documentation	Moderate-M	Strong-H	Strong-H	-
32					60	CO2	To desing and develop any document in prescribed format	-	Moderate-M	Strong-H	-
32					60	CO3	To apply LaTeX commands for crateing different types of documents	-	Moderate-M	Strong-H	-
33	SEM IV	030121407 - PP	T8000	Service Learning	60	CO1	Understanding and analyzing society issues of the under-privileged sector and comprehension of NGO requirements	-	Strong-H	Moderate-M	Weak-L
33					60	CO2	Designing a project to address NGO requirement by providing IT based solutions	Moderate-M	Moderate-M	Moderate-M	Strong-H
33					60	CO3	Applying technical or non-technical skills in order to complete the project undertaken	Weak-L	Weak-L	Moderate-M	Strong-H
33					60	CO4	Demonstrate different ways to contribute to help NGOs in their activities towards under-privileged sector.	-	-	Moderate-M	-
33					60	CO5	To realize that community service as one of the important social responsibility of every student	Strong-H	-	-	-
34	SEM IV	030121408 - PP	T3258	Current Trends and Practices in IT	60	CO1	To write R code	-	Moderate-M	Strong-H	-
34					60	CO2	To understand R dataframes, stats, string functions	-	Moderate-M	Strong-H	-
34					60	CO3	To understand R input/output handling	-	Moderate-M	Strong-H	-
34					60	CO4	To implement various data plots	-	Moderate-M	Strong-H	-
34					60	CO5	To understand Graphics	-	-	-	Strong-H
35	SEM IV	030121409 - PP	T3803	Project	60	CO1	Students will be able to use existing content types and construct custom content types	Strong-H	Strong-H	Strong-H	Strong-H
35					60	CO2	Students will be able to use defaut menus, create menus and blocks	Moderate-M	Moderate-M	Moderate-M	Moderate-M
35					60	CO3	Students will be able to configure themes and modules	Moderate-M	Moderate-M	Moderate-M	Moderate-M
35					60	CO4	Students will be able to create users and roles	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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35					60	CO5	Students will be able to design and create a website for given set of requirement	Moderate-M	Moderate-M	Moderate-M	Moderate-M
36	SEM IV	030121410 - PP	T6099	An Overview of World Literature	60	CO1	To define and describe the relationship between literature, media and society	Weak-L	Weak-L	-	-
36					60	CO2	To match and recognize wide range of literary texts, considering the development of literature in relation to social issues and media studies	Weak-L	Weak-L	-	-
36					60	CO3	To select and state a critical and theoretical exploration of the riches of Literature, through its historical development	Weak-L	Weak-L	-	-
37	SEM IV	030121411 - PP	T6181	Understanding Cinema	60	CO1	To understand the aesthetic mechanism of good cinema	Weak-L	Weak-L	-	-
38	SEM IV	030121412 - PP	T6182	Appreciating Cinema	60	CO1	To understand how film functions as an art work from an individual, as well as how it exists as a document of nationality, culture and history	Weak-L	Weak-L	-	-
38					60	CO2	To understand how film functions as an art work from an individual, as well as how it exists as a document of nationality, culture and history	Weak-L	Weak-L	-	-
39	SEM IV	030121413 - PP	T6246	Music in Media	60	CO1	To outline and describe the basics of music and its usage in films	Weak-L	Weak-L	-	-
39					60	CO2	To outline the basics of music and its usage in films	Weak-L	Weak-L	-	-
40	SEM IV	030121414 - PP	T6255	Introduction to Theatre	60	CO1	To outline and explain theatre as literature and performing art	Weak-L	Weak-L	-	-
40					60	CO2	To explain and paraphrase theatre as literature and performing art	Moderate-M	Weak-L	-	-
41	SEM IV	030121415 - PP	T6307	Basic Psychology	60	CO1	To understand the general trends in the field of Psychology	-	-	-	Weak-L
41					60	CO2	To become aware of various perspectives in Psychology and focus on its application	Weak-L	-	-	-
41					60	CO3	To demonstrate a framework of psychological inquiry that leads to further understanding of the human brain and human behavior.	Moderate-M	Weak-L	-	-
41					60	CO4	To develop understanding of various topics within a variety of areas of psychology, including biological basis, learning, memory, consciousness, psychoactive drugs, motivation, personality and therapy.	Strong-H	Weak-L	-	-
41					60	CO5	Test	Moderate-M	Strong-H	-	-
42	SEM IV	030121416 - PP	T6334	Basic Sociology	60	CO1	To introduce the subject to students of media studies and unravel the complexities of the society	Weak-L	Weak-L	-	-
42					60	CO2	To be able to apply to media analysis and explore the ground realities that exists in the society	Weak-L	Weak-L	-	-
43	SEM IV	030121417 - PP	T6274	Foundations of Ethics	60	CO1	To impart the students with the tenets of ethics which are part of daily life.	Weak-L	Weak-L	-	-
43					60	CO2	To inculcate the ethical behaviour in the students	Weak-L	Weak-L	-	-
43					60	CO3	To study what is right and wrong in human endeavors	Weak-L	Weak-L	-	-

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43					60	CO4	To gain knowledge about the method by which we categorise one's values and pursue them	Weak-L	Weak-L	-	-
43					60	CO5	To inculcate such ethics in the budding lawyers to face the challenges in their practical law careers, more about journey than destination	Weak-L	Weak-L	-	-
44	SEM IV	030121418 - PP	T6096	Creative Writing	60	CO1	Students will demonstrate self-reflection through writing about the world, self, language and culture.	Strong-H	-	-	-
44					60	CO2	Students will demonstrate improved writing skills and will gain the ability to express their thoughts with clarity.	-	-	-	Strong-H
44					60	CO3	Students will gain the ability to think out-of-the-box, critically and analytically.	Weak-L	Strong-H	Moderate-M	-
44					60	CO4	Students will demonstrate better observation skills which will enable them to be better writers.	Strong-H	Moderate-M	-	-
44					60	CO5	Students will cultivate an awareness of their own creative process.	-	Strong-H	Moderate-M	-
45	BCA V	030121501 - PP	T3388	Introduction to Software Projects	60	CO1	Student will have the knowledge on the basic concepts of Project Management.	Strong-H	-	-	-
45					60	CO2	Student will be able to classify risk identification technique and analysis technique.	Strong-H	Strong-H	-	-
45					60	CO3	Student will be able to explore software case tools	-	Strong-H	-	-
45					60	CO4	Student will be able to understand Software Quality processes and product Assurance activities.	Strong-H	-	-	-
45					60	CO5	Student can have the basic information on Current trends in Software Engineering	-	-	-	Strong-H
46	BCA V	030121502 - PP	T3197	Introduction to Best Programming Practices	60	CO1	Best coding practices adopted for professional programming	Strong-H	-	Strong-H	-
46					60	CO2	Robust software development using best practices adopted in an organization	Strong-H	Strong-H	Strong-H	-
46					60	CO3	Defensive practices adopted for software development	-	Strong-H	Strong-H	-
46					60	CO4	Software design issues and its impact on project	-	-	-	Strong-H
46					60	CO5	Tuning of the code	-	-	-	Strong-H
47	BCA V	030121503 - PP	T3371	Introduction to Java Enterprise Framework	60	CO1	Provide concise definitions for the features and technologies used in creating Java enterprise framework	Strong-H	-	Strong-H	-
47					60	CO2	Understand development model of Java Enterprise Architecture big picture, and its components.	-	Strong-H	-	-
47					60	CO3	Create step-by-step J2EE Web applications.	Strong-H	Strong-H	Strong-H	Strong-H
47					60	CO4	Acquire hands-on experience in developing applications.	-	Strong-H	-	Strong-H
48	BCA V	030121504 - PP	T3220	Information Security	60	CO1	To understand the basics needs Security along with Information Security	-	-	Strong-H	-

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48					60	CO2	To know the legal, ethical and professional issues in Information Security "	Strong-H	-	-	-
48					60	CO3	To know the importance of risk management and assessment	Strong-H	-	-	-
48					60	CO4	To study various standards in this area of Information Security	-	-	Strong-H	-
48					60	CO5	To understand the technological aspects of Information Security	-	-	Strong-H	-
49	BCA V	030121505 - PP	T3243	Verification and Validation Techniques	60	CO1	Students will be able to understand the basic concept of Quality Assurance and Quality Control . Students will be able to elicit and gather requirements from the customer using fact finding techniques	Strong-H	-	-	-
49					60	CO2	Student will able to perform quality assurance activities .	-	-	Strong-H	-
49					60	CO3	Students will be able to generate test cases.	-	-	Strong-H	-
49					60	CO4	Students will be able to design functional and non-functional test cases manually as well as by using software tools.	-	-	Strong-H	-
49					60	CO5	Students will able to identify and manage the defects in software.	-	-	Strong-H	-
50	BCA V	030121506 - PP	T3238	Human Computer Interaction	60	CO1	Explain the capabilities of both the humans and the computers from the viewpoint of human information processing	Strong-H	-	-	-
50					60	CO2	Apply the universal design principles to designing HCI designs	-	Strong-H	-	-
50					60	CO3	Analyze Business Definition & Requirements	-	Strong-H	-	-
50					60	CO4	Design Wireframes & Prototypes for a system	-	Strong-H	-	-
50					60	CO5	Critique the interface designs	-	-	-	Strong-H
50					60	CO6	Determine simple Usability Studies to evaluate different interface designs	-	-	-	Strong-H
51	BCA V	030121507 - PP	T3237	Foundations of Data Warehousing and Data Mining	60	CO1	To introduce the basic concepts of Data warehousing and its applications in business scenario	Strong-H	-	-	-
51					60	CO2	To know the steps in data warehousing	-	-	Strong-H	-
51					60	CO3	To recognize the ETL process of Data warehousing	-	-	Strong-H	-
51					60	CO4	To introduce the data mining concepts and algorithms	-	-	Strong-H	-
51					60	CO5	To understand various data mining methods: classification, clustering, Association rules, etc.	Strong-H	-	-	-
51					60	CO6	To introduce ETL tools and Data Mining Tools	Strong-H	-	-	-
52	BCA V	030121508 - PP	T3190	Dissertation	60	CO1	Students are able to understand Software development life cycle	Strong-H	Strong-H	-	Strong-H
52					60	CO2	Students are able to design DFD/Use case	-	-	Strong-H	-
52					60	CO3	Students are able to write the report for selected concept	-	Strong-H	-	Strong-H
53	BCA V	030121509 - PP	T3373	Introduction to Android Pro rammin	60	CO1	Understand the Android Stack	-	-	Strong-H	-
53					60	CO2	Use of Activity for Android Application	-	-	-	Strong-H

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53					60	CO3	User Interface and UI Control	-	-	-	Strong-H
53					60	CO4	Apply Layout	-	-	-	Strong-H
54	BCA V	030121510 - PP	T3377	Introduction to JavaME	60	CO1	Understand the JME Architecture	-	-	Strong-H	-
54					60	CO2	Use of MIDLet for JME Application	-	-	-	Strong-H
54					60	CO3	User Interface and UI Control	-	-	-	Strong-H
54					60	CO4	Use of Containers	-	-	-	Strong-H
55	BCA V	030121511 - PP	T3212	Distributed Com utin	60	CO1	Explain Distributed Systems and Construct awareness about Distributed System Models	Strong-H	-	-	-
55					60	CO2	Illustrate the communication and switching techniques	Strong-H	-	-	-
55					60	CO3	Enable students to know process and threads,Interprocess Communication and RPC	Strong-H	-	-	-
55					60	CO4	Apply clock synchronization concepts to distributed computing.	Strong-H	-	-	-
55					60	CO5	Understand DNS and LDAP Servers	-	-	-	Strong-H
56	BCA V	030121512 - PP	T3225	Network Planning and Desi n	60	CO1	Gathering user and infrastructure requirements for network designing	Strong-H	-	-	-
56					60	CO2	Creating a Network Topology from Gathered information	Strong-H	-	-	-
56					60	CO3	Choosing appropriate Addressing scheme and configuration for Network	Strong-H	-	-	-
56					60	CO4	Choosing appropriate Network Infrastructure, Devices, Gadgets for the network	Strong-H	-	-	-
56					60	CO5	Network Planning, Implementation and Optimization for performance.	-	-	-	Strong-H
57	BCA V	030121513 - PP	T3375	Introduction to Dot Net Framework	60	CO1	To understand the .Net Framework	Strong-H	-	Strong-H	Strong-H
57					60	CO2	To understand the Comman Language Runtime(CLR)	-	Weak-L	Strong-H	Strong-H
57					60	CO3	Able to utilise the IDE for development	-	-	Strong-H	Strong-H
58	BCA V	030121514 - PP	T2339	Introduction to Entrepreneurshi	60	CO1	Understand the insghts about entreprenurs	-	-	-	Weak-L
58					60	CO2	To assess qualities required in an entrepreneur	-	-	-	Weak-L
58					60	CO3	To generate ideas and screen them for business oppoprtnuity	-	-	Weak-L	-
58					60	CO4	To understand product development life cycle , preparation of business plan	-	-	-	Strong-H
59	SEM VI	030121601 - PP	T3382	Introduction to E-Business	60	CO1	Students will have the knowledge on the Business processes and Business models in the organization.	Strong-H	Moderate-M	Weak-L	Strong-H
59					60	CO2	Students will be able to diffentiate different E-Marketing strategies.	Strong-H	Weak-L	Moderate-M	Moderate-M
59					60	CO3	Students will be able to understand the Electronic data interchange(EDI) process.	Moderate-M	-	Weak-L	Strong-H

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59					60	CO4	Student will be able to apply the basic concepts of B2B, B2C,C2C and C2B	Weak-L	Moderate-M	Strong-H	Weak-L
60	SEM VI	030121602 - PP	T3372	Enterprise Application Development using JavaEE	60	CO1	To understand the basic JEE framework	-	-	Strong-H	-
60					60	CO2	To create Web Application using servlets and JSP	Weak-L	Moderate-M	Strong-H	-
60					60	CO3	To handle sessions and cookies in servlets	Weak-L	Moderate-M	Strong-H	-
60					60	CO4	To Demonstrate the use of JavaBeans to develop enterprise-based Java software	Weak-L	Moderate-M	Strong-H	-
60					60	CO5	To create web pages using Java Server Faces	Weak-L	Moderate-M	Strong-H	-
60					60	CO6	To understand Web Services like WSDL, SOAP,UUDI	Weak-L	Moderate-M	Strong-H	-
61	SEM VI	030121603 - PP	T1234	Information Technology and regulatory compliance	60	CO1	To Understand civil law and cyber law	Moderate-M	Moderate-M	Weak-L	Moderate-M
61					60	CO2	Awareness to cyber activities	Moderate-M	Moderate-M	Moderate-M	Weak-L
61					60	CO3	Understanding cyber offences and contraventions	Strong-H	Moderate-M	Moderate-M	Moderate-M
61					60	CO4	Understanding Sections under cyber law	Strong-H	Moderate-M	Moderate-M	Weak-L
61					60	CO5	Penalties and compensation for cyber law	Strong-H	Moderate-M	Moderate-M	Weak-L
62	SEM VI	030121604 - PP	T3808	Project	60	CO1	Students are able to understand Software development life cycle	Strong-H	Strong-H	-	Strong-H
62					60	CO2	Students are able to design DFD/Use case	-	-	Strong-H	-
62					60	CO3	Students are able to write the report for selected concept	-	Strong-H	-	Strong-H
63	SEM VI	030121605 - PP	T3374	Advance Android Programming	60	CO1	To Understand the Layouts used in Android Applications	-	Strong-H	Moderate-M	Weak-L
63					60	CO2	To utiliz different view container on android activity	-	Strong-H	Moderate-M	Weak-L
63					60	CO3	To Write an Android application for connecting SQLite database	Strong-H	Strong-H	Strong-H	Moderate-M
63					60	CO4	To prepare android application for connecting to external database	Strong-H	Strong-H	Strong-H	Moderate-M
63					60	CO5	To develop android application for android phones and publish it on Google Paly store.	Strong-H	Strong-H	-	Moderate-M
64	SEM VI	030121606 - PP	T3195	Computer Game Design	60	CO1	Understand Game design concepts in JME	-	Strong-H	Strong-H	-
64					60	CO2	To use the Canvas and Game Canvas API for animation and games in JME	Weak-L	Strong-H	Strong-H	Weak-L
64					60	CO3	Student are capable to create an JME Game with basic shape animation	Strong-H	Moderate-M	Moderate-M	Weak-L
64					60	CO4	Students are able to develop Basic Game for feature phones (Java Enable)	Strong-H	Moderate-M	Moderate-M	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
64					60	CO5	Students are capable to develop Image animated games for Java Enable Micro Device	Strong-H	Moderate-M	Moderate-M	Weak-L
65	SEM VI	030121607 - PP	T3221	Introduction to Cloud Computing	60	CO1	To understand basics of Cloud Computing	Strong-H	Moderate-M	Weak-L	Moderate-M
65					60	CO2	To elaborate the core concepts of Cloud Computing	Moderate-M	Moderate-M	Weak-L	Strong-H
65					60	CO3	To discuss various clouds in terms of Software , platfrom and infrastructure services	Weak-L	Moderate-M	Strong-H	Weak-L
65					60	CO4	Extend the use of cloud for funtionlaity	Weak-L	Weak-L	Moderate-M	Weak-L
65					60	CO5	Deploy simple cloud application using cloud platform	Weak-L	Strong-H	Moderate-M	Moderate-M
66	SEM VI	030121608 - PP	T3222	Introduction to Vulnerability Assessment Penetration Testing	60	CO1	Students are able to define Vulnerabilities	Moderate-M	Strong-H	Strong-H	Moderate-M
66					60	CO2	Students are able to understand the attacks	-	-	Strong-H	-
66					60	CO3	Students are able to perform the Vulnerability Assessment and Penetration Testing	-	-	Strong-H	Strong-H
66					60	CO4	Students are able to understand Sniffing and firewall Authentication	-	Strong-H	-	-
67	SEM VI	030121609 - PP	T3376	Dot net Programming c#	60	CO1	To understand the C# programming Language concepts	Strong-H	Weak-L	Strong-H	Strong-H
67					60	CO2	To understand the UI design for .Net Windows applivcation	Strong-H	Weak-L	Strong-H	Strong-H
67					60	CO3	Able to develop the window UI application	Strong-H	Weak-L	Strong-H	Strong-H
68	SEM VI	030121610 - PP	T2352	Buisness Modelling and Business plan	60	CO1	To understand the business models	Weak-L	-	Weak-L	Weak-L
68					60	CO2	Able to plan bussines Strategy	Weak-L	Strong-H	-	-
68					60	CO3	To develop business model	Weak-L	Strong-H	-	Weak-L

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Computer Studies and Research Programme Name : Bachelor of Business Administration (Information Technology)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO1	To build strong foundation for IT, management and commerce concepts.

2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	To gain knowledge and build skills on tools and techniques for qualitative and quantitative analysis.
3	GA1	Scholarship: research, inquiry and lifelong learning	PO3	To build skills to develop IT applications for businesses processes by applying software development life cycle.
4	GA1	Scholarship: research, inquiry and lifelong learning	PO4	To develop the analysis and communication skills along with creative thinking to provide the techno-management solutions for the problems in business, social and government sectors.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	To build an entrepreneurial mind-set.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
1	SEM I	030122101 - PP	T2111	Business Accounting	60	CO1	Basic knowledge of Book-Keeping and Accounting	Strong-H	Strong-H	-	-	Strong-H
1					60	CO2	Knowledge of basic book keeping steps of Double entry, Ledger Posting and subsidiary books.	Strong-H	Strong-H	-	-	Strong-H
1					60	CO3	Knowledge of reconciliation of bank pass book and accounting records	Strong-H	Strong-H	-	-	Strong-H
1					60	CO4	Preparation of Financial Statements and understanding of those statements.	Strong-H	Strong-H	-	Strong-H	Strong-H
2	SEM I	030122102 - PP	T3593	Computational Thinking	60	CO1	To understand the components of a computer	Strong-H	-	-	-	-
2					60	CO2	To understand the characteristics of low level and high level programming languages	Strong-H	-	-	-	-
2					60	CO3	To understand computer codes and represent data in different number systems	Strong-H	-	-	-	-
2					60	CO4	To understand and implement algorithms using tools such as flowcharts	Strong-H	-	-	-	-
2					60	CO5	To understand the concept of logical and computational thinking	Strong-H	-	-	-	-
3	SEM I	030122103 - PP	T2241	Business Studies	60	CO1	Explain the role of business in the economy and its application	Strong-H	-	-	-	-
3					60	CO2	To understand the characteristics of low level and high level programming languages	-	-	-	Strong-H	-
3					60	CO3	To understand computer codes and represent data in different number systems	-	-	Strong-H	-	-
3					60	CO4	To understand and implement algorithms using tools such as flowcharts	-	-	Strong-H	-	-
3					60	CO5	to understand the concept of logical and computational thinking	-	-	-	-	Strong-H
4	SEM I	030122104 - PP	T2833	Concept of Economics	60	CO1	To understand the role of economics as it influences society and business	Strong-H	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
4					60	CO2	To study how different decisions are taken in relation to price, demand and supply	Strong-H	-	-	-	-
4					60	CO3	To understand essential concepts including the price system, price determination in imperfectly competitive markets, employment theory and monetary theory	Strong-H	-	-	-	-
5	SEM I	030122105 - PP	T2495	Business Communication	60	CO1	The students will be exposed to the dynamics of business and managerial communication.	-	-	-	Strong-H	-
5					60	CO2	The course will enable the students to sharpen their communication skills ,including writing and public speaking.	-	-	-	Strong-H	-
5					60	CO3	They will be able to use business vocabulary in speech and writing.	-	-	-	Strong-H	-
5					60	CO4	They will develop writing skills suitable for internal and external organizational communication.	-	-	-	Strong-H	-
5					60	CO5	They will develop reading skills and sub skills.	-	Strong-H	-	-	-
6	SEM I	030122106 - PP	T3213	Introduction to Operating System	60	CO1	The students will able to explain different types of Operating Systems.	Strong-H	-	-	-	-
6					60	CO2	The students will be able to discuss the concepts of Operatinf System and its services	Strong-H	-	-	-	-
6					60	CO3	The students will be able to express the Linux Structure.	-	-	Strong-H	-	-
6					60	CO4	The students will be able to use basic Linux Commands.	-	-	Strong-H	-	-
7	SEM I	030122107 - PP	T3198	Introduction to Python	60	CO1	To understand the basic concepts of a programming language and Python	Strong-H	-	-	-	-
7					60	CO2	To understand and analyses the control constructs like if, for and while	Strong-H	-	-	-	-
7					60	CO3	To understand and analyse the lists, strings and dictionary in Python along with their methods	Strong-H	-	-	-	-
7					60	CO4	To implement the control constructs and lists in various applications	-	-	Strong-H	-	-
8	SEM I	030122108 - PP	T3256	IT Tools for Statistics-I	60	CO1	Students should be able to differentiate data types and use of averages accordingly, calculation of averages, quartiles, percentile, application of averages as index numbers, concept and types of index numbers, their use	-	-	-	Strong-H	-
8					60	CO2	Students should know and be able to calculate measures of Dispersion, Skewness & Kurtosis and interpret the results	-	Strong-H	-	-	-
8					60	CO3	Student should know correlation, regression concepts and be able to calculate correlation, regression and decide which regression equation to be used for prediction for variables under study	-	Strong-H	-	-	-
8					60	CO4	Students should be able to calculate all statistical tools learnt in subject using spread sheet and interpretation of results	-	Strong-H	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
8					60	CO5	Statistical Techniques in Business and Economics Lind, Marchal, Wathen Tata McGraw-Hill Companies. Statistical for Business and Economics Anderson, Sweeny, Williams South-Western CENGAGE Learning.	Strong-H	Strong-H	-	Strong-H	-
9	SEM I	030122109 - PP	T3205	Web Development using CMS	60	CO1	Explain content management systems and advantages of using CMS	Strong-H	-	-	-	-
9					60	CO2	Use existing content types	-	-	Strong-H	-	-
9					60	CO3	Construct custom content types	-	-	Strong-H	Strong-H	-
9					60	CO4	Use the default menus and create new menus	-	-	Strong-H	-	-
9					60	CO5	Create and configure blocks	-	-	Strong-H	Strong-H	-
9					60	CO6	Identify and create various user roles	-	-	Strong-H	Strong-H	-
10	SEM I	030122110 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	-	-	-	Strong-H	-
10					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	-	-	-	Strong-H	-
10					60	CO3	To train students to perform First aid and CPR in an emergency..	-	-	-	Strong-H	-
11	SEM II	030122201 - PP	T2451	Introduction to Costing	60	CO1	Explain costing concepts and fundamentals	Strong-H	Weak-L	Weak-L	-	Strong-H
11					60	CO2	Creating awareness about Material and Inventory control techniques	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
11					60	CO3	Illustrate the techniques used in Labour remuneration	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
11					60	CO4	Enable students to know Overheads absorption in industry.	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
11					60	CO5	Understanding Cost Audit and its scope in India.	Strong-H	Moderate-M	-	-	Strong-H
12	SEM II	030122202 - PP	T2263	Organizational Behavior	60	CO1	To illustrate how behavior affects the organizational performance and effectiveness.	Strong-H	-	-	Weak-L	Weak-L
12					60	CO2	To identify the factors affecting individual behavior at work place.	Strong-H	-	-	Weak-L	Weak-L
12					60	CO3	To demonstrate the importance of team dynamics in organizations.	Strong-H	-	-	Weak-L	Weak-L
12					60	CO4	To classify the differences in organizational cultural values.	Strong-H	-	-	Weak-L	Weak-L
12					60	CO5	To illustrate the characteristics of managers and leaders.	Strong-H	-	-	Weak-L	Weak-L
12					60	CO6	To understand and apply the knowledge of individual differences at workplace.	Strong-H	-	-	Weak-L	Weak-L
13	SEM II	030122203 - PP	T3586	Web Technologies	60	CO1	Students will learn the concepts of Web technologies	Strong-H	Moderate-M	Moderate-M	Moderate-M	-
13					60	CO2	Student will able to create web site using HTML	Strong-H	Moderate-M	Strong-H	Weak-L	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
13					60	CO3	Students will able to use CSS styling	Strong-H	Weak-L	Moderate-M	Moderate-M	-
13					60	CO4	Students will be able to validate user input using JavaScript	Strong-H	-	Moderate-M	Moderate-M	-
14	SEM II	030122204 - PP	T3206	Advanced Programming in Python	60	CO1	To create and use data structures in Python	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L
14					60	CO2	To handle exceptions	Strong-H	-	Strong-H	Weak-L	Weak-L
14					60	CO3	To work with files	Strong-H	-	Strong-H	Weak-L	Weak-L
14					60	CO4	To implement object oriented programming techniques	Strong-H	-	Strong-H	Weak-L	Weak-L
14					60	CO5	To explain the applications of the basic and advanced features of Python	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L
15	SEM II	030122205 - PP	T2113	Fundamentals of Marketing	60	CO1	To classify the types of marketing	Strong-H	Moderate-M	-	-	-
15					60	CO2	To Identify the marketing elements.	Moderate-M	Strong-H	Moderate-M	-	-
15					60	CO3	To Explain the marketing process.	Moderate-M	Strong-H	Moderate-M	Moderate-M	-
15					60	CO4	To Define the basic concepts of marketing.	Moderate-M	Moderate-M	Strong-H	-	-
15					60	CO5	To illustrate the various promotional techniques	-	Strong-H	Moderate-M	Strong-H	-
16	SEM II	030122206 - PP	T3244	Introduction to Database Management System	60	CO1	To compare traditional file approach and database approach	-	Weak-L	Moderate-M	-	-
16					60	CO2	To explain database architecture and environment	Strong-H	-	Moderate-M	-	-
16					60	CO3	To illustrate ER modeling and DB Design	Moderate-M	Strong-H	Moderate-M	-	-
16					60	CO4	To interpret different normal forms of database	Moderate-M	Weak-L	Moderate-M	-	-
17	SEM II	030122207 - PP	T3257	IT Tools for Statistics-II	60	CO1	To know/understand the importance and applications of Statistics and to enable a student to use it for prediction and decision making	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
17					60	CO2	Students should be able to understand probability concepts and calculation of probabilities using Classical definition and Axioms of Probability & apply to real life situations	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
17					60	CO3	Students should be able to define r.v. with data types and distinguish between various probability distributionstheir use	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L
17					60	CO4	Students should know and be able to calculate probabilities from different probability distributions and interpret the findings	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L
17					60	CO5	Student should be able to decide the appropriateness of probability distribution in a real life situation	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
17					60	CO6	Students should be able to calculate all statistical tools learnt in subject using spread sheet and interpretation of results	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
18	SEM II	030122208 - PP	T3224	Network Essentials	60	CO1	Students will be able to understand the basic concepts and terminologies in the area of computer network.	Strong-H	-	-	-	-
18					60	CO2	Students will have basic knowledge on network architecture and network topologies with basic understanding of different network devices.	Strong-H	-	-	-	-
18					60	CO3	Students will be able to present the knowledge on OSI model and TCP/IP model	Strong-H	-	-	Weak-L	-
18					60	CO4	Students will be able to design network layout for small business units.	Strong-H	-	-	Weak-L	Moderate-M
18					60	CO5	Students will have the introductory knowledge on handling network troubleshooting.	Moderate-M	-	-	Weak-L	Moderate-M
19	SEM II	030122209 - PP	F0002	Flexi-Credit Course	60	CO1	Link information technology (IT) tools with business functions effectively.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
19					60	CO2	Comprehend influence of new age technologies on business decisions	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
19					60	CO3	Evaluate & Discuss challenges from the point of view of the executives while deploying information technology while managing business	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
20	SEM II	030122210 - PP	T3605	Elements of System and Software Development	60	CO1	To understand importance and applications of system development practices	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
20					60	CO2	To understand different types of information system and its applications in business	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
20					60	CO3	To understand system development processes and methodologies	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
21	SEM II	030122211 - PP	T6191	French A-1 - Paper 1	60	CO1	To speak basic French	Weak-L	-	Weak-L	Strong-H	Moderate-M
21					60	CO2	To understand and listen basic French	Weak-L	-	Weak-L	Strong-H	Weak-L
21					60	CO3	To read basic French	Weak-L	-	Weak-L	Strong-H	Weak-L
21					60	CO4	To write basic French	Weak-L	-	Weak-L	Strong-H	Weak-L
22	SEM II	030122212 - PP	T6197	German A-1 - Paper 1	60	CO1	Speaking skills: Basic communication; usage of colloquial language e.g. introducing oneself and others, ordering in a restaurant, booking tickets, describing the way, shopping, expressing likes and dislikes, using simple and general-specific German terms and expressions etc.	Weak-L	-	Weak-L	Strong-H	Weak-L
22					60	CO2	Reading skills: Comprehending the gist of simple texts related to everyday life, selective and global understanding of texts, highlighting the cultural aspects etc.	Weak-L	-	Weak-L	Strong-H	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
22					60	CO3	Listening skills: Can understand simple authentic audio texts, pronunciation, accent, intonation, simple sentences, common structures and words from important everyday situations (e.g. basic personal and family information, shopping, local area)	Weak-L	-	Weak-L	Strong-H	Weak-L
22					60	CO4	Writing skills: Ability to construct simple sentences related to oneself as well as others, filling official forms, etc.	Weak-L	-	Weak-L	Strong-H	Weak-L
22					60	CO5	Grammar: Exposure to some simple aspects and rules of grammar in order to facilitate sentence formation.	Weak-L	-	Weak-L	Strong-H	Weak-L
23	SEM III	030122301 - PP	T3230	Introduction to IT Business Process	60	CO1	List basics of Business Process , components of Business process , Architecture of Business process, Types of Business Process	Strong-H	-	-	-	-
23					60	CO2	Describe the Business Process Design - incremental development and BPR	Strong-H	Strong-H	-	-	-
23					60	CO3	Summarize the Business organization and classify various business processes	Strong-H	-	-	-	-
23					60	CO4	Appropriate use of BPMN - notations and artifacts to design the BPMN Model of given process	-	Strong-H	-	Strong-H	-
23					60	CO5	Able to construct the Business Process Modelling Notation - BPMN Model of given process	-	-	-	Strong-H	-
24	SEM III	030122302 - PP	T3204	Server Side Web Technology	60	CO1	Be able to gather requirements for a web application	-	-	-	Strong-H	-
24					60	CO2	Design an efficient, logical program	-	-	-	Strong-H	-
24					60	CO3	Utilize PHP built-in functions in their web applications	-	-	-	Strong-H	-
25	SEM III	030122303 - PP	T3391	Software Engineering Practices	60	CO1	Students will be able to understand the Business requirements for software development. Students will be able to conduct the feasibility techniques and gather requirements from the customer using fact finding techniques.	Strong-H	-	-	-	-
25					60	CO2	Students will be able to present the system analysis using tools and techniques	-	-	-	Strong-H	-
25					60	CO3	Students will be able to understand and write the software requirements for a business case	-	-	Strong-H	-	-
25					60	CO4	Students will be able to design system using relevent User Interface design methods, tools and techniques	-	-	Strong-H	-	-
25					60	CO5	Students will have the introductory knowledge of software testing, process models, system maintenance	-	-	-	-	Strong-H
26	SEM III	030122304 - PP	T2451	Introduction to Costing	60	CO1	Explain costing concepts and fundamentals	Strong-H	-	-	-	-
26					60	CO2	Construct awareness about functioning of costing system	Strong-H	-	-	-	-
26					60	CO3	Illustrate the tools and techniques used in costing	-	-	Strong-H	-	-
26					60	CO4	Enable students to know strategies in industry.	-	-	Strong-H	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
26					60	CO5	Apply costing concepts to various industry sectors.	-	-	-	-	Strong-H
27	SEM III	030122305 - PP	T2264	Human Resource Management	60	CO1	Identify Objectives, Scope & Functions of HRM, Develop qualities of HR Manager	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
27					60	CO2	Understand Job Analysis, Job Evaluation and Job Design	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
27					60	CO3	Understand the Recruitment and Selection Process	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
27					60	CO4	Understand Training and Development of the employees, Performance Appraisal	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
27					60	CO5	Identify the role of HRM in developing Quality Assurance techniques	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
28	SEM III	030122306 - PP	T3206	Advanced Programming in Python	60	CO1	Python skills developments	-	-	Strong-H	Strong-H	-
28					60	CO2	Students will be able to present the system analysis using tools and techniques	-	-	Strong-H	Strong-H	-
28					60	CO3	Students will be able to understand and write the python requirements for a business case	-	-	Strong-H	Strong-H	-
28					60	CO4	Students will be able to design system using relevant python	-	-	Strong-H	Strong-H	-
28					60	CO5	Students will have the introductory knowledge of python	-	-	Strong-H	Strong-H	-
29	SEM III	030122307 - PP	T3318	Optimization Techniques in IT	60	CO1	Students will be able to quantify the decision making process	-	Strong-H	-	-	Strong-H
29					60	CO2	Students will be able to formulate Linear Programming Problem and solve it on Graph	-	Strong-H	-	-	Strong-H
29					60	CO3	Students will be able to allocate resources to jobs to minimize total cost/maximize total profit	-	Strong-H	-	-	Strong-H
29					60	CO4	Students will be able to draw network diagrams and determine overall project duration.	-	Strong-H	-	-	Strong-H
29					60	CO5	Students will be able to decide on transportation routes as well as do proper sequencing of Jobs.	-	Strong-H	-	-	Strong-H
30	SEM III	03122308 - PP	T3390	SQL Programming	60	CO1	Students will be able to write basic SQL query	Strong-H	-	-	-	-
30					60	CO2	Students will be able to understand and create stored procedures and functions	-	Strong-H	Strong-H	-	-
30					60	CO3	Students will be able to create cursors and database triggers	-	Strong-H	Strong-H	-	Strong-H
30					60	CO4	Students will be able to understand and handle the exceptions during run time	-	-	Strong-H	-	-
31	SEM III	03122309 - PP	T2883	Core Environmental Studies	60	CO1	Natural Resources and its importance	Strong-H	-	-	-	-
31					60	CO2	Resource Depletion and probable steps to recover	Strong-H	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
31					60	CO3	Fundamental concept of ecology and ecosystem	Strong-H	-	-	-	-
31					60	CO4	Biodiversity and its importance	Strong-H	-	-	-	-
31					60	CO5	Threats to biodiversity and protection mesuares	-	-	-	-	Strong-H
32	SEM IV	030122401 - PP	T2570	Business Policy and Strategy	60	CO1	Understand the organizational structure and hierarchy, Business Processes, IT & Business Applcations	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32					60	CO2	Understanding role of governance, policies and strategies in any business	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
32					60	CO3	Role of IT, Information, Decision making in Business Strategy inception, formulation and application	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
32					60	CO4	Business Policy and Strategy Management, Strategic Management Process, Strategic Choices, Analysis, Creation, Formulation and Implementation of Business Strategies	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
32					60	CO5	Evaluate - Business Strategies - Tools Techniques, Models, Best Industry Practices	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
33	SEM IV	030122402 - PP	T3202	Object Oriented Programming	60	CO1	To Understand the basics of object oriented concepts and java features	Moderate-M	Strong-H	Strong-H	Moderate-M	-
33					60	CO2	To use java basic programming features	Moderate-M	Strong-H	Strong-H	Moderate-M	-
33					60	CO3	To make use of java built in functions and packages	Moderate-M	Strong-H	Strong-H	Moderate-M	-
33					60	CO4	To Extend the use of object oriented features in problem solving.	Moderate-M	Strong-H	Strong-H	Moderate-M	-
33					60	CO5	To apply knowledge to develop applications using Java.	Moderate-M	Strong-H	Strong-H	Moderate-M	-
34	SEM IV	030122403 - PP	T2113	Fundamentals of Marketing	60	CO1	To classify the types of marketing	Strong-H	Moderate-M	-	-	-
34					60	CO2	To Identify the marketing elements.	Moderate-M	Strong-H	Moderate-M	-	-
34					60	CO3	To Explain the marketing process.	Moderate-M	Strong-H	Moderate-M	Moderate-M	-
34					60	CO4	To Define the basic concepts of marketing.	Moderate-M	Moderate-M	Strong-H	-	-
34					60	CO5	To illustrate the various promotional techniques	-	Strong-H	Moderate-M	Strong-H	-
35	SEM IV	030122404 - PP	T3220	Information Security	60	CO1	To understand the basics needs Security along with Information Security	Strong-H	Moderate-M	Strong-H	Moderate-M	-
35					60	CO2	To know the legal, ethical and professional issues in Information Security	Strong-H	Moderate-M	Strong-H	Moderate-M	-
35					60	CO3	To know the importance of risk management and assessment	Strong-H	Moderate-M	Strong-H	Moderate-M	-
35					60	CO4	To study various standards in this area of Information Security	Strong-H	Moderate-M	Strong-H	Moderate-M	-
35					60	CO5	The technological aspects of Information Security	Strong-H	Moderate-M	Strong-H	Moderate-M	-
36	SEM IV	030122405 - PP	T2658	Design Thinking	60	CO1	Acquire a deep understanding of the Design Thinking principles, process and tools	Strong-H	Moderate-M	-	Strong-H	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
36					60	CO2	Apply Design Thinking methodology and tools to co-create an improved customer experience journey	-	Strong-H	-	Strong-H	-
36					60	CO3	Improve effectiveness by providing an innovative solution	Weak-L	Moderate-M	-	Strong-H	-
36					60	CO4	To solve the problem using design thinking	Moderate-M	Strong-H	-	Strong-H	-
37	SEM IV	030122406 - PP	T2101	Financial Management	60	CO1	Understanding of concepts, Objectives and Functions of Financial Management. Extending its Relationship with other disciplines.	Strong-H	Strong-H	-	Moderate-M	Strong-H
37					60	CO2	Understanding of different types of financial markets i.e. Capital market, Derivative market and debt market and detailed study thereof.	Strong-H	Strong-H	-	Moderate-M	Strong-H
37					60	CO3	Analysis of financial institutions and their workflow designs.	Strong-H	Strong-H	-	Moderate-M	Strong-H
37					60	CO4	Analysis of multiple repayment and investment options with reference to time value of money and capital budgeting decisions.	Strong-H	Strong-H	-	Moderate-M	Strong-H
37					60	CO5	Identifying different methods to raise funds, Comparing its cost, Examining its impact on Earnings per share in consideration to risk attached with the resource.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
38	SEM IV	030122407 - PP	T3535	Introduction to Enterprise Resource Planning	60	CO1	Business Model and integrated data model	Strong-H	Moderate-M	Weak-L	Strong-H	-
38					60	CO2	Generating and managing scheduling, agreements, Billing and report.	Strong-H	Moderate-M	Weak-L	Strong-H	-
38					60	CO3	Integrated data model implementation using open source tool such as Odoo etc.	Moderate-M	Strong-H	Weak-L	Moderate-M	-
38					60	CO4	Preparing Incomplete logs, material determination, product selection etc.	Moderate-M	Moderate-M	Weak-L	Moderate-M	-
38					60	CO5	A case study based on Integration of sales and distribution modules with other modules present in ERP. E.g. Human resource, market , finance etc	Strong-H	Moderate-M	Weak-L	Strong-H	-
39	SEM IV	030122408 - PP	T3258	Current Trends and Practices in IT	60	CO1	The students will able to understand fundamental concept of R	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
39					60	CO2	The students will understand the data frames, data objects and vectors in R programming	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L
39					60	CO3	The students will be able to handle TXT, CSV Files using R programming	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
39					60	CO4	Students should able understand concept of web analytics	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
39					60	CO5	Students should able to generate report of web site on basis of various matrix value	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H
40	SEM IV	030122409 - PP	T8000	Service Learning	60	CO1	Understanding and analyzing societal issues of the under-privileged sector and comprehension of NGO requirements	-	-	-	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
40					60	CO2	Designing a project to address NGO requirement by providing IT based solutions	-	Moderate-M	-	-	Strong-H
40					60	CO3	Applying technical or non-technical skills in order to complete the project undertaken	-	Strong-H	Moderate-M	-	-
40					60	CO4	Demonstrate different ways to contribute to help NGOs in their activities towards under-privileged sector.	-	-	-	Strong-H	Moderate-M
40					60	CO5	To realize that community service as one of the important social responsibility of every student	-	-	-	Strong-H	Moderate-M
41	SEM IV	030122410 - PP	T3803	Project	60	CO1	Students will be able to use existing content types and construct custom content types	Moderate-M	-	Moderate-M	Moderate-M	-
41					60	CO2	Students will be able to use default menus, create menus and blocks	Moderate-M	-	Strong-H	Weak-L	-
41					60	CO3	Students will be able to configure themes and modules	Moderate-M	-	Strong-H	Weak-L	-
41					60	CO4	Students will be able to create users and roles	Moderate-M	-	Moderate-M	Weak-L	-
41					60	CO5	Students will be able to design and create a website for given set of requirement	Moderate-M	-	Strong-H	Moderate-M	-
42	SEM IV	030122411 - PP	T6099	An Overview of World Literature	60	CO1	To define and describe the relationship between literature, media and society	Weak-L	Weak-L	-	-	-
42					60	CO2	To match and recognize wide range of literary texts, considering the development of literature in relation to social issues and media studies	Weak-L	Weak-L	-	-	-
42					60	CO3	To select and state a critical and theoretical exploration of the riches of Literature, through its historical development	Moderate-M	Weak-L	-	-	-
43	SEM IV	030122412 - PP	T6181	Understanding Cinema	60	CO1	To understand the aesthetic mechanism of good cinema	Weak-L	Weak-L	-	-	-
44	SEM IV	030122413 - PP	T6182	Appreciating Cinema	60	CO1	To understand how film functions as an art work from an individual, as well as how it exists as a document of nationality, culture and history	Weak-L	Weak-L	-	-	-
44					60	CO2	To understand how film functions as an art work from an individual, as well as how it exists as a document of nationality, culture and history	Weak-L	Weak-L	-	-	-
45	SEM IV	030122414 - PP	T6307	Basic Psychology	60	CO1	To understand the general trends in the field of Psychology	-	Moderate-M	Moderate-M	-	-
45					60	CO2	To become aware of various perspectives in Psychology and focus on its application	-	Moderate-M	Moderate-M	-	-
45					60	CO3	To demonstrate a framework of psychological inquiry that leads to further understanding of the human brain and human behavior.	-	Moderate-M	Moderate-M	Strong-H	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
45					60	CO4	To develop understanding of various topics within a variety of areas of psychology, including biological basis, learning, memory, consciousness, psychoactive drugs, motivation, personality and therapy.	-	Moderate-M	Moderate-M	Moderate-M	-
45					60	CO5	To understand the applied aspects of psychology and use it in ones personal and professional growth.	-	Moderate-M	Moderate-M	Weak-L	-
46	SEM IV	030122415 - PP	T6334	Basic Sociology	60	CO1	To introduce the subject to students of media studies and unravel the complexities of the society	Weak-L	Weak-L	-	-	-
46					60	CO2	To be able to apply to media analysis and explore the ground realities that exists in the society	Weak-L	Weak-L	-	-	-
47	SEM IV	030122416 - PP	T6274	Foundations of Ethics	60	CO1	To impart the students with the tenets of ethics which are part of daily life.	Weak-L	Weak-L	-	-	-
47					60	CO2	To inculcate the ethical behaviour in the students	Weak-L	Weak-L	-	-	-
48	SEM IV	030122417 - PP	T6096	Creative Writing	60	CO1	Students will demonstrate self-reflection through writing about the world, self, language and culture.	-	Moderate-M	Moderate-M	Strong-H	-
48					60	CO2	Students will demonstrate improved writing skills and will gain the ability to express their thoughts with clarity.	-	Weak-L	Weak-L	Moderate-M	-
48					60	CO3	Students will gain the ability to think out-of-the-box, critically and analytically.	-	Weak-L	Weak-L	Moderate-M	-
48					60	CO4	Students will demonstrate better observation skills which will enable them to be better writers.	-	Moderate-M	Weak-L	Moderate-M	-
48					60	CO5	Students will cultivate an awareness of their own creative process.	-	Moderate-M	Weak-L	Moderate-M	-
49	SEM IV	030122418 - PP	T6246	Music in Media 1	60	CO1	To outline and describe the basics of music and its usage in films	Weak-L	Weak-L	-	-	-
49					60	CO2	To outline the basics of music and its usage in films	Weak-L	Weak-L	-	-	-
50	SEM IV	030122419 - PP	T6255	Introduction to Theater	60	CO1	To outline theatre as literature and performing art	Weak-L	Weak-L	-	-	-
50					60	CO2	To explain and paraphrase theatre as literature and performing art	Weak-L	Weak-L	-	-	-
51	BBA V	030122501 - PP	T2776	Advanced Financial Management	60	CO1	Understanding of Finance concepts, Objectives and Functions of Financial Management.	Strong-H	-	-	-	-
51					60	CO2	Constructing cash flows and making use of time value to discount the future cash flows. Analysing Investment proposals under normal case and under risk.	-	Strong-H	-	-	-
51					60	CO3	Identifying different methods to raise funds, Comparing its cost, Examining its impact on Earnings per share and selecting the best option.	Strong-H	-	-	-	-
51					60	CO4	Examining Operating cycle and Constructing Working Capital requirement. Analysing Credit and Stock Policies and Recommending the best one.	-	Strong-H	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
51					60	CO5	Analysing different Dividend Models and its impact on share price of a firm.	-	Strong-H	-	-	-
52	BBA V	030122502 - PP	T3243	Verification and Validation Techniques	60	CO1	Students will be able to understand the basic concept of Quality Assurance and Quality Control . Students will be able to cues and gather requirements from the customer using fact finding techniques.	Strong-H	-	-	-	-
52					60	CO2	Student will able to perform quality assurance activities .	-	Strong-H	-	-	-
52					60	CO3	Students will be able to generate test cases.	-	-	Strong-H	-	-
52					60	CO4	Students will be able to design functional and non-functional test cases manually as well as by using software tools.	-	-	Strong-H	-	-
52					60	CO5	Students will able to identify and manage the defects in software.	-	-	Strong-H	-	-
53	BBA V	030122503 - PP	T3190	Dissertation	60	CO1	To design a system	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
53					60	CO2	To develop the system	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
53					60	CO3	To test the system	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
53					60	CO4	To implement project management knowledge, processes, lifecycle and tools and techniques in order to achieve project success.	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L
53					60	CO5	To apply project management practices to the launch of new programs, products, services, and events relative to the needs of stakeholders.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
54	BBA V	030122504 - PP	T1234	Information Technology and Regulatory Compliance	60	CO1	Students will be able to understand legal terms, hierarchy of courts, sources of law, law making process, distribution of powers and system of law	Strong-H	-	-	-	-
54					60	CO2	Students will be able to understand cyber crimes, PKI, digital certificate, public key, private key, digital signature and fundamentals of cyber laws of India	Strong-H	-	-	-	-
54					60	CO3	Students will be able to understand and apply applicable sections of the Information Technology Act, 2000 and the Information Technology Amendment Act, 2008	-	Strong-H	-	-	-
55	BBA V	030122505 - PP	T3229	Enterprise Resource Planning	60	CO1	The students will be able to explain different types of Information Systems	Strong-H	-	-	-	-
55					60	CO2	The students will be able to explain the Understand the basic concepts of ERP.	Strong-H	Strong-H	Strong-H	-	-
55					60	CO3	The students will be able to introduce communication and interconnection between various functional units of a business organization	-	Strong-H	Strong-H	Strong-H	-
55					60	CO4	The students will be able to know a list of ERP vendors in the market and the features of their products	-	Strong-H	-	Strong-H	-

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55					60	CO5	The students will be able to create a prototype model using any one of the Open source ERP systems	Strong-H	Strong-H	-	Strong-H	-
56	BBA V	030122506 - PP	T3249	IT Tools and Techniques for Business	60	CO1	To explore the basic tools and techniques required to use in our day to day life to solve the problems.	Strong-H	-	-	-	-
56					60	CO2	Students should be able to learn different IT Tools.	-	Strong-H	-	-	-
56					60	CO3	Student should be able to learn presentation tools	-	-	Strong-H	-	-
56					60	CO4	Students are able to do hands on problem solving.	-	-	Strong-H	-	-
57	BBA V	030122507 - PP	T3235	IT Applications for Business Verticals	60	CO1	Learn business process for verticals as per syllabus	Strong-H	-	-	-	-
57					60	CO2	Learn how to apply Software engineering tools to develop application on business verticals	-	-	Strong-H	-	-
57					60	CO3	To develop small application in a group	-	-	-	-	Strong-H
58	BBA V	030122508 - PP	T2594	Introduction to International Business	60	CO1	Apply knowledge of the international economic environment to international business	-	-	Strong-H	-	-
58					60	CO2	Demonstrate how international issues can be factored in designing corporate strategies in a fast changing environment	Strong-H	-	-	-	-
58					60	CO3	Prepare students for Examining problems related to international business & economic environment	-	-	-	-	Strong-H
58					60	CO4	Understanding traditional trade Theories	Strong-H	-	-	-	-
58					60	CO5	Summarize the Characteristics, Opportunities & Threats of Emerging Economies	-	-	-	-	Strong-H
59	BBA V	030122509 - PP	T3373	Introduction to Android Programmin	60	CO1	Understand the Android Stack	Strong-H	-	-	-	-
59					60	CO2	Use of Activity for Android Application	-	-	Strong-H	-	-
59					60	CO3	User Interface and UI Control	-	-	Strong-H	-	-
59					60	CO4	Apply Layout	-	-	Strong-H	-	-
60	BBA V	030122510 - PP	T2339	Introduction to Entrepreneurship	60	CO1	Understand the insights about entrepreneurs	Strong-H	-	-	-	-
60					60	CO2	To assess qualities required in an entrepreneur	-	-	-	-	Strong-H
60					60	CO3	To generate ideas and screen them for business opportunity	-	-	-	-	Strong-H
60					60	CO4	To understand product development life cycle , preparation of business plan	-	-	Strong-H	-	-
61	BBA V	030122511 - PP	T2142	Services Marketing	60	CO1	Explain Service Marketing concepts and fundamentals	Strong-H	-	-	-	-
61					60	CO2	Construct awareness about functioning of Service Industry	-	-	-	-	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
61					60	CO3	Illustrate the tools and techniques used in services marketing	-	-	Strong-H	-	-
61					60	CO4	Enable students to know strategies in services industry.	-	-	Strong-H	-	-
61					60	CO5	Apply services marketing concepts to various services industry sectors.	-	-	-	Strong-H	-
62	BBA V	030122512 - PP	T3382	Introduction to E-business	60	CO1	Explain Business Strategy and Internet	Strong-H	-	-	-	-
62					60	CO2	Construct awareness about functioning of E-Marketing	-	Strong-H	-	-	-
62					60	CO3	Illustrate the EDI and its working.	-	-	-	Strong-H	-
62					60	CO4	Enable students to know marketing strategies and various business models.	-	-	-	-	Strong-H
62					60	CO5	Apply E-Business concepts to various industry sectors.	-	-	-	-	Strong-H
63	BBA V	030122513 - PP	T3483	IT Infrastructure and Service Management	60	CO1	Explain ITSM concepts and fundamentals	Strong-H	-	-	-	-
63					60	CO2	Construct awareness about functioning of IT Infrastructure & Service Management	Strong-H	-	-	-	-
63					60	CO3	Illustrate the how ITIL Lifecycle used in the IT Infrastructure & Service Management	Strong-H	-	-	-	-
63					60	CO4	test	Strong-H	Strong-H	-	-	-
63					60	CO5	Apply ITOM concept in to IT Infrastructure & Service Management.	-	-	Strong-H	-	Strong-H
64	SEM VI	030122601 - PP	T3241	Software Project Practice	60	CO1	Student will be able to perform project management activities for software projects.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
64					60	CO2	Student will be able to define the scope of the project and prepare project charter.	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L
64					60	CO3	Student will be able to estimate the cost of the software project	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
64					60	CO4	Student will be able to assess the risk of the software project	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
64					60	CO5	Student will be able to work on the project management tool	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
65	SEM VI	030122602 - PP	T2158	Fundamental of quality management	60	CO1	Students will have the knowledge on the concepts of Quality Management.	-	Moderate-M	-	-	Strong-H
65					60	CO2	Students will be able to differentiate different approaches for achieving quality in a business organization	Moderate-M	Moderate-M	-	Strong-H	Strong-H
65					60	CO3	Students will be able to apply the use of quality tools in the Business scenario	-	Strong-H	-	-	Moderate-M
65					60	CO4	Student will be able to apply the basic concepts of quality management in a business organization	Strong-H	-	-	-	Moderate-M

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66	SEM VI	030122603 - PP	T3808	Project	60	CO1	To design a system	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
66					60	CO2	To develop the system	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
66					60	CO3	To test the system	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
66					60	CO4	To implement project management knowledge, processes, lifecycle and tools and techniques in order to achieve project success.	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L
66					60	CO5	To apply project management practices to the launch of new programs, products, services, and events relative to the needs of stakeholders.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
67	SEM VI	030122604 - PP	T3374	Advance Android Programming	60	CO1	To Understand the Layouts used in Android Applications	-	Weak-L	-	Strong-H	-
67					60	CO2	To utilize different view container on android activity	-	Weak-L	-	Strong-H	-
67					60	CO3	To Write an Android application for connecting SQLite database	-	Weak-L	-	Strong-H	-
67					60	CO4	To prepare android application for connecting to external database	-	Weak-L	-	Strong-H	-
67					60	CO5	To develop android application for android phones and publish it on Google Play store.	-	Weak-L	-	Strong-H	-
68	SEM VI	030122605 - PP	T2352	Business Modeling and Business plan	60	CO1	Understand and Prepare the essentials of a Business Model.	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
68					60	CO2	Understand the importance of legal & Intellectual Properties and their significance to entrepreneurial strategy	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
68					60	CO3	Create a detailed business plan for an identified business idea	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
68					60	CO4	Create a detailed business plan for an identified business idea.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
69	SEM VI	030122606 - PP	T2138	Digital Marketing	60	CO1	To provide the outline for the fundamentals of Internet marketing	Strong-H	Moderate-M	-	-	Weak-L
69					60	CO2	To tell students about Digital marketing, and latest tools and techniques.	Moderate-M	Strong-H	Moderate-M	-	Weak-L
69					60	CO3	To explain ethical practices in internet marketing	-	-	-	Strong-H	Moderate-M
69					60	CO4	To apply various social media platforms and their implementation	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H
69					60	CO5	To illustrate mobile marketing techniques, metrics and models	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
70	SEM VI	030122607 - PP	T2515	Retail Marketing	60	CO1	To apply marketing tools in a retail company .	Moderate-M	Strong-H	Moderate-M	Moderate-M	-
70					60	CO2	To understand methods of market research.	Moderate-M	Strong-H	Moderate-M	Moderate-M	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
70					60	CO3	To apply various tools of communications in a retail company.	Moderate-M	Strong-H	Moderate-M	Moderate-M	-
71	SEM VI	030122608 - PP	T3384	E Customer Relationship Management	60	CO1	To Explain CRM and e-CRM technological, Functional and other aspects to the students	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
71					60	CO2	To Define processes and functionality of Sales force Automation	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M
71					60	CO3	To compare the e-CRM tools and techniques from various vendors	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
71					60	CO4	To Classify various CRM implementation aspects for the sector specific CRM	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L
71					60	CO5	To illustrate Role of Data warehousing, OLAP and Data mining in e-CRM	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
72	SEM VI	030122609 - PP	T3383	E Supply Chain Management	60	CO1	Introduction of measure building blocks, functions, business processes, performance metrics & measure decisions in SCM.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
72					60	CO2	To provide an insight in to the role of internet technologies & electronics commerce (ITEC) in SCM.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
72					60	CO3	To discuss technical aspects of ITEC key components in SCM.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
73	SEM VI	030122610 - PP	T3488	Technical Support Essentials	60	CO1	Basic Understanding of Technical Support, Scope and Applications, Relation of Customer Support and Technical Support, Organizational Culture	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
73					60	CO2	Understanding the Role of Communication Skills and Customer Experience in Tech Support, Traits of Tech Support	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
73					60	CO3	Understanding Technical Support Classification, Types, Models, Escalation Methods, Troubleshooting Techniques, Knowledge Centered Support and Service, SLA compliance	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
73					60	CO4	Design, Development, Implementation of Technical Support System, Real World Application Scenarios, Metrics	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L
73					60	CO5	Tech Support Case Studies, Future, Career scope and Review	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Computer Studies and Research Programme Name : Master of Business Administration (Information Technology)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO1	Application Programmer

2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	Business Analyst
3	GA1	Scholarship: research, inquiry and lifelong learning	PO3	Quality Analyst
4	GA1	Scholarship: research, inquiry and lifelong learning	PO4	Data Analyst
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Project Management Specialist
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	Leadership Quality

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
1	SEM I	030141101 - PP	T3012	Java SE	60	CO1	To understand fundamentals of object oriented programming in java including including defining classes, invoking methods, using class libraries	Strong-H	-	-	-	-	-
1					60	CO2	Experiment with Object oriented concepts ,including polymorphism,inheritance,abstraction , classes and objects to develop java applications.	Strong-H	-	-	-	-	-
1					60	CO3	To understand the use of exception handling in Java applications.	Strong-H	-	-	-	-	-
1					60	CO4	To understand how to read and write files using java programming.	Strong-H	-	-	-	-	-
1					60	CO5	To design GUI components with the Java Swing API.	Strong-H	-	-	-	-	-
2	SEM I	030141102 - PP	T3114	Object Oriented Analysis Design	60	CO1	Students are able to demonstrate different aspects of Object Oriented Analysis and Design.	Strong-H	-	-	-	-	-
2					60	CO2	Students are able to implement principles of requirement analysis and design using UML artifacts.	-	Strong-H	-	Strong-H	-	-
2					60	CO3	Students are able to implement types of categories of design patterns on real time requirements.	Strong-H	Strong-H	-	-	-	-
2					60	CO4	Students are able to demonstate the architecture centric software design .	-	-	Strong-H	-	Strong-H	-
3	SEM I	030141103 - PP	T3117	Software Engineering	60	CO1	To understand basic software engineering concepts	-	-	-	-	Strong-H	-
3					60	CO2	To understand software process and software process models	Strong-H	-	-	-	-	-
3					60	CO3	To understand various phases in the life cycle of a software product	-	-	-	-	Strong-H	-
3					60	CO4	To know importance of validation and verificataion	-	-	Strong-H	-	-	-
3					60	CO5	To understand the importance of following processes fron customer and vendors point of view	-	Strong-H	-	-	-	-

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4	SEM I	030141104 - PP	T3071	Basic Business Statistics for Data Analysis	60	CO1	Students should be able to understand concept of Data	-	-	-	Strong-H	-	-
4					60	CO2	Students should be able to comprehend the Data in the form of Graphs, Diagrams and Tables	-	Strong-H	-	-	-	-
4					60	CO3	Students should be able to analyses the data in terms of Central Tendency and Dispersion.	-	Strong-H	-	-	-	-
4					60	CO4	Students should be able to link the variables through Regression and Correlation Analysis.	-	-	-	Strong-H	-	-
4					60	CO5	Students should be able to rank candidates for final selection	-	-	Strong-H	-	-	-
5	SEM I	030141105 - PP	T3198	Introduction to Python	60	CO1	Student should be able to understnd the concepts of programming language.	Strong-H	-	-	-	-	-
5					60	CO2	Student should be able to write algorithms and build business logic for simple assignments	Strong-H	-	-	-	-	-
5					60	CO3	Student should be able to convert algorithms in pythonic style and execute the program	Strong-H	-	-	Strong-H	-	-
6	SEM I	030141106 - PP	T3433	Introduction to Relational Database Management	60	CO1	Understand the Architecture and Basic Concepts Of RDBMS	Strong-H	-	-	-	-	-
6					60	CO2	Apply Normalization and E-R Diagram	-	-	-	Strong-H	-	-
6					60	CO3	Able to Design, Manipulate and Control the RDBMS using SQL	-	-	-	Strong-H	-	-
6					60	CO4	Understand the Transaction Management, Recovery and Security	-	-	-	-	Strong-H	-
7	SEM I	030141107 - PP	T3013	Javascript	60	CO1	To explain fundamentals of a client-side scripting language	Strong-H	-	-	-	-	-
7					60	CO2	To determine the type of loop to be used when required to solve a specific task	Strong-H	-	-	-	-	-
7					60	CO3	To validate user input using various functions	Strong-H	-	-	-	-	-
7					60	CO4	To describe the structure of DOM	Strong-H	-	-	-	-	-
7					60	CO5	To handle events associated with DOM	Strong-H	-	-	-	-	-
8	SEM I	030141108 - PP	T3016	PHP	60	CO1	Be able to gather requirements for a web application	-	-	-	-	Strong-H	-
8					60	CO2	Desgin an efficient, logical program	Strong-H	-	-	-	-	-
8					60	CO3	Utilize PHP builtin functions in their web applications	-	-	-	Strong-H	-	-

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9	SEM I	030141109 - PP	T3321	Web Development Framework	60	CO1	Explain content management systems, their types and features	Strong-H	-	-	-	-	-
9					60	CO2	Use existing content types	Strong-H	-	-	-	-	-
9					60	CO3	Construct custom content types	Strong-H	-	-	-	-	-
9					60	CO4	Use the default menus	Strong-H	-	-	-	-	-
9					60	CO5	Create and configure blocks	Strong-H	-	-	-	-	-
9					60	CO6	Configure themes and modules settings	Strong-H	-	-	-	-	-
10	SEM I	030141110 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	-	-	-	-	-	Strong-H
10					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	-	-	-	-	-	Strong-H
10					60	CO3	To train students to perform First aid and CPR in an emergency..	-	-	-	-	-	Strong-H
11	SEM II	030141201 - PP	T3078	Principles and Practice of IT Enabled Management	60	CO1	Students should be able to understand & apply the basics of management structure and responsibility	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
11					60	CO2	Students should be able to understand & apply the role of various IT functional systems driving business	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
11					60	CO3	Students should be able to understand & apply the techniques for business management through IT strategy.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
12	SEM II	030141202 - PP	F0003	Flexi-Credit Course	60	CO1	To understand Cloud Computing Architecture	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H
12					60	CO2	To elaborate the design issues in Cloud Computing	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
12					60	CO3	To discuss various clouds in terms of Software , platform and infrastructure services	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
12					60	CO4	To discuss Cloud Auditing and Cloud Security	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
12					60	CO5	To explain current trends in cloud Architecture including Container technology	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
13	SEM II	030141203 - PP	T3070	Advanced Business Statistics for Decision Making	60	CO1	Students should be able to apply the appropriate Probabilistic tools requird for Data Analytics to real time Problems	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
13					60	CO2	Students have understood how the sample space can be reduced by introducing the random variables and ease of obtaining th probabilistic models	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H

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13					60	CO3	Student should be able to identify appropriateness of standard probability distributions and apply it to real time problems	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
13					60	CO4	Students should be able to apply the appropriate sampling techniques for data collection and testing of hypothesis, correlation, regression for prediction.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
13					60	CO5	Students should be able to apply the appropriate point estimators and interval estimators for estimation of unknown parameters of the distributions	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
14	SEM II	030141204 - PP	T3076	Enterprise Resource Planning	60	CO1	Apply understanding of cross-functional business processes for enabling integrated/ distributed management decision support systems and understand how the technical architecture of ERP supports this goal	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
14					60	CO2	Analyze typical IT project management approaches and evolve specific ERP project management components for successful ERP implementations	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
14					60	CO3	Explore the current ERP products marketplace and understand their applicability in specific industries and verticals. Evaluate various Implementation Partners scenario and assess their selection methodology	Weak-L	Moderate-M	-	-	Weak-L	Weak-L
14					60	CO4	Create hands-on applications using selected ERP packages and design/deliver integrated cross-functional business processes by configuring them	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M
14					60	CO5	Develop understanding or application of ERP technologies to deliver solutions in the extended enterprise based on CRM and SCM implementations. Understand the role of SOA and BPMS technologies for creating agile business and technology environment	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M
14					60	CO6	Familiarize with complete lifecycle of ERP in an enterprise. Evaluate the business case driving ERP implementations and how companies can derive strategic advantage for the business.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
15	SEM II	030141205 - PP	T3350	IT Business Analysis	60	CO1	Understanding of BA concepts and Techniques	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
15					60	CO2	Understanding IT Business Analysis Planning and Monitoring	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
15					60	CO3	Understanding Enterprise Analysis as per IIBA BOK	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
15					60	CO4	Understanding IT BA Requirements Management	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15					60	CO5	Understanding IT BA Requirements Techniques	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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16	SEM II	030141206 - PP	T2281	Talent Acquisition	60	CO1	To explain HR Planning and strategy for Human Resource Management and the current trends	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
16					60	CO2	To List the Strategy Staffing, Business & Staffing Strategies - Planning, Types of recruitment, sources	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H
16					60	CO3	To inspect the various Interviewing Techniques, Types of Interviews, Selection Processes	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H
16					60	CO4	To choose Forecasting techniques of Demand & Supply for Quantitative & Qualitative determination	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H
16					60	CO5	To Analyze the Job Analysis, Job Description & Job Specification methods	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H
17	SEM II	030141207 - PP	F0002	Flexi-Credit Course	60	CO1	Students will be able to understand legal terms, hierarchy of courts, sources of law, law making process, distribution of powers and system of law	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
17					60	CO2	Students will be able to understand cyber crimes, PKI, digital certificate, public key, private key, digital signature and fundamentals of cyber laws of India	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
17					60	CO3	Students will be able to understand and apply applicable sections of the Information Technology Act, 2000 and the Information Technology Amendment Act, 2008	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
18	SEM II	030141208 - PP	T2058	Advanced Topics in Corporate Finance	60	CO1	Understanding The Concepts of Corporate Finance	-	Strong-H	Moderate-M	Moderate-M	-	-
18					60	CO2	Understanding various Financial Scenarios with Case Analysis	-	Moderate-M	Strong-H	Moderate-M	-	-
18					60	CO3	Understanding Corporate Finance Management	-	-	-	Moderate-M	Strong-H	-
19	SEM II	030141209 - PP	T3285	Analysis of Business Case using Spreadsheets	60	CO1	Basic introduction to Excel	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
19					60	CO2	Analysing the business issues and finding the solution with the help of excel formulas.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	-
19					60	CO3	Analyzing and formulating models in excel to save the time and money while decision making.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	-
19					60	CO4	Use of VBA with excel for more betterment in finding solutions for business issues.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
20	SEM II	030141210 - PP	T3302	IT Solutions to Banking and Financial Markets I	60	CO1	Understanding Excel Tools and Techniques	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
20					60	CO2	Understanding Financial Modeling	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L

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20					60	CO3	Planning of Financial Models	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M
20					60	CO4	Understanding various excel techniques	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
21	SEM II	030141211 - PP	T3508	Asset Liability Management (ALM) in Finance	60	CO1	Understand the potential consequences of duration and funding gaps on the balance sheet.	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
21					60	CO2	Understand and apply portfolio immunization techniques. Central role of ALM in the overall enterprise risk management.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L
21					60	CO3	Calculation of the duration of equity. Learn how to compute risk measures for the market (economic) value of equity.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
21					60	CO4	Understand the balance sheet management benefits of securitization. Best governance practices for A - L committee.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
22	SEM II	030141212 - PP	T3501	Python for Finance	60	CO1	Student should understand basic concept of Finance	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L
22					60	CO2	Student should be able to write algorithms to finance problems	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
22					60	CO3	Student should able to learn creating functions for financial problems	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
22					60	CO4	Student should understand Financial sector problems and pythonic solution	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
23	SEM II	030141213 - PP	T2003	Financial Accounting	60	CO1	Learning of basic accounting concepts and terminologies	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
23					60	CO2	Knowledge of depreciation and its calculation methods.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
23					60	CO3	knowledge of Inventory valuation and conventions	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
23					60	CO4	Understanding of financial statements including cash flow statement and accounting standards.	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
24	SEM II	030141214 - PP	T3072	Business Intelligence I	60	CO1	Model Development	-	Strong-H	-	-	-	-
24					60	CO2	Case study of BI application	-	Strong-H	-	Moderate-M	-	-
24					60	CO3	BI model based on data warehouse database	-	Strong-H	-	Weak-L	-	-
24					60	CO4	Evaluation of commercially available BI products	-	-	-	-	Strong-H	-
25	SEM II	030141215 - PP	T3113	Data Warehousing Architecture and Operations	60	CO1	Learnt the purpose for developing a data warehouse	Strong-H	Moderate-M	-	-	-	-
25					60	CO2	Learnt to design the architecture of a data warehouse.	Weak-L	Strong-H	Moderate-M	-	-	-

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25					60	CO3	Understood project planning aspects of building a data warehouse.	Weak-L	Strong-H	-	Moderate-M	-	-
25					60	CO4	Understood and will be able to describe the maintenance of data ware	-	Strong-H	Moderate-M	Strong-H	-	-
25					60	CO5	Understood the knowledge discovery process.	-	Strong-H	Moderate-M	Moderate-M	-	-
26	SEM II	030141216 - PP	T3447	Machine learning	60	CO1	Model Development	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M
26					60	CO2	Case study of Machine Learning applications	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
26					60	CO3	Machine Learning model for Classification	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L
26					60	CO4	Classification techniques	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
26					60	CO5	To apply Machine Learning techniques to new problems	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
27	SEM II	030141217 - PP	T3491	Python for Analytics	60	CO1	Student should be able to understand the concepts of data analytics	-	Moderate-M	Moderate-M	-	-	-
27					60	CO2	Student should be able to understand various algorithms and methodologies of data analytics	Moderate-M	Strong-H	Moderate-M	-	-	-
27					60	CO3	Student should be able to apply these concepts learnt in the class to real world problem	-	Strong-H	Strong-H	-	-	-
28	SEM II	030141218 - PP	T3499	Data Analysis Using Python	60	CO1	Student should be able to apply these concepts learnt in the class to real world problem	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	-
28					60	CO2	To understand concept of data frames and file operations using pandas.	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	-
28					60	CO3	To understand and implement relational database and NOSQL databases using python	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	-
28					60	CO4	To understand and implement concept of classification techniques.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	-
29	SEM II	030141219 - PP	T3539	Relational Algebra and Calculus	60	CO1	Students must be able to perform the operations on relation by using the relational operators which involves set theory applications	Weak-L	Strong-H	Weak-L	Strong-H	-	-
29					60	CO2	Tuple and Domain Relational Calculus is a declarative way to specify database queries;while solving the problems students must be able to understand requirement of queries ; what is expected to be done	Weak-L	Strong-H	Weak-L	Strong-H	-	-
29					60	CO3	Students must be able to identify and design the relational algebraic model for multi dimensional requirement.	Weak-L	Strong-H	Weak-L	Strong-H	-	-
30	SEM II	030141220 - PP	T3221	Introduction to Cloud Computing	60	CO1	Students will learn the concepts of cloud computing	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
30					60	CO2	Students able to handle various cloud services	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M

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30					60	CO3	student will learn about customization of an application	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
31	SEM II	030141221 - PP	T3222	Introduction to Vulnerability Assessment Penetration Testing	60	CO1	Students will able to understand concept of Vulnerability Assessment and Penetration testing	-	-	-	-	Strong-H	Moderate-M
31					60	CO2	Students will able to identify attacks and threat	Strong-H	Strong-H	-	-	-	Moderate-M
31					60	CO3	Students will able to learn packet analysis and Sniffing	Strong-H	Strong-H	-	-	-	Moderate-M
31					60	CO4	Students will able to understand Authentication techniques	-	-	-	-	Strong-H	Moderate-M
32	SEM II	030141222 - PP	T3062	IT Service Management	60	CO1	Students will able to understand concepts of framework for IT Service Management	-	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H
32					60	CO2	Students will learn various service Strategy for IT Services	-	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H
32					60	CO3	Students will able to Manage & define IT services to provide pro-active services to the Business.	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H
32					60	CO4	Students will understand IT Governance and IT Management	-	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H
33	SEM II	030141223 - PP	T3060	IT Infrastructure Essentials	60	CO1	Student will have basic knowledge of Infrastructure Essentials and present networking technologies.	-	-	-	-	Weak-L	Moderate-M
33					60	CO2	Student will be familiarize with the various LAN and WAN Internetworking Techniques	Moderate-M	-	-	-	Weak-L	Moderate-M
33					60	CO3	Student will be able to compare and contrast Data center Infrastructure	Moderate-M	-	-	-	Weak-L	Moderate-M
33					60	CO4	Student will learn about Cloud Computing Infrastructure	Moderate-M	-	-	-	Weak-L	Moderate-M
34	SEM II	030141224 - PP	T3061	IT Infrastructure Library	60	CO1	Students will able to understand concepts of framework for IT Service Management	-	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H
34					60	CO2	Students will learn various service Strategy for IT Services	-	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H
34					60	CO3	Students will able to Manage & define IT services to provide pro-active services to the Business.	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H
34					60	CO4	Students will understand IT Governance and IT Management	-	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H
35	SEM II	030141225 - PP	T3225	Network Planning and Design	60	CO1	Student will get insight on network infrastructure planning	Moderate-M	Strong-H	-	-	Weak-L	Moderate-M
35					60	CO2	Students will learn different types of topology	Moderate-M	Strong-H	-	-	Weak-L	Moderate-M

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35					60	CO3	Student will able to configure different network devices	Moderate-M	Strong-H	-	-	Weak-L	Moderate-M
35					60	CO4	students can plan and design network	Weak-L	Strong-H	-	-	Weak-L	Moderate-M
36	SEM II	030141226 - PP	T3075	E-business Management and Strategy	60	CO1	To examine how the Internet has been exploited to evolve innovative business models and strategies.	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
36					60	CO2	To compare how the Internet has influenced the way Business has evolved in network economy.	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
36					60	CO3	To classify various applications of E-business in areas such as E-procurement, Supply Chain, E-marketing and E-CRM.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
36					60	CO4	To inspect underlying business processes and their integration in the extended enterprise.	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
37	SEM II	030141227 - PP	T2741	Customer Relationship Management	60	CO1	To determine a CRM strategy for developing profitable and rewarding relations with the customers	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H
37					60	CO2	To select amongst the components of CRM solution	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
37					60	CO3	To compare, Evaluate & Implement various CRM Packages	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L
37					60	CO4	To choose the concepts of customer relationship management in a dynamic environment.	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
38	SEM II	030141228 - PP	T2746	Business Analytics for Marketing	60	CO1	To choose amongst various research terminologies and methods to analyze and synthesize data	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
38					60	CO2	To determine the analysis for transforming data to extract useful information and facilitating conclusions.	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
38					60	CO3	To select analytics and discovering scalable computational methods for finding useful models from large amounts of data.	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
38					60	CO4	To compare Market Research types & Techniques.	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M
39	SEM II	030141229 - PP	T2744	Services Marketing	60	CO1	To Explain Service Marketing concepts and fundamentals	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
39					60	CO2	To Construct awareness about functioning of Service Industry	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
39					60	CO3	To Illustrate the tools and techniques used in services marketing	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
39					60	CO4	To Enable students to know strategies in services industry.	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
39					60	CO5	To Apply services marketing concepts to various services industry sectors.	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
40	SEM II	030141230 - PP	T2742	Digital Marketing	60	CO1	To provide the outline for the fundamentals of Internet marketing	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
40					60	CO2	To tell students about Digital marketing, and latest tools and techniques.	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
40					60	CO3	To explain ethical practices in internet marketing	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M
40					60	CO4	To apply various social media platforms and their implementation	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
40					60	CO5	To illustrate mobile marketing techniques, metrics and models	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
41	SEM II	030141231 - PP	T2821	Marketing Metrics	60	CO1	To plan Marketing performance measurement with respect to marketing Channel	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
41					60	CO2	To identify the Customer Satisfaction and to measure the performance of Sales force	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
41					60	CO3	To choose performance of Advertising through Media and Web	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
41					60	CO4	To apply the concepts of Marketing Dashboard preparation for Marketing analytics,	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
42	SEM II	030141232 - PP	T3300	Software Quality Process and Assurance I	60	CO1	Understanding of Quality Tools & Techniques	-	Moderate-M	Strong-H	Moderate-M	-	-
42					60	CO2	Understanding Software Quality Principles and Concepts	-	Moderate-M	Strong-H	Moderate-M	-	-
42					60	CO3	Planning for Software Quality and Assessment	-	Moderate-M	Strong-H	Moderate-M	-	-
42					60	CO4	Understanding Configuration Management	-	Moderate-M	Strong-H	Moderate-M	-	-
43	SEM II	030141233 - PP	T3298	Software Quality Standards I	60	CO1	Understanding of software quality needs and requirements in an organization	-	Moderate-M	Strong-H	-	-	-
43					60	CO2	Understanding of ISO9001:2015	-	Strong-H	Strong-H	Moderate-M	-	-
43					60	CO3	Understanding of certification bodies, audit types, auditor qualities, conduct of audit, non-conformances and follow-up actions	-	Moderate-M	Moderate-M	Moderate-M	-	-
43					60	CO4	Understanding of ISO20001 (ITIL)	-	Weak-L	Moderate-M	-	-	-
43					60	CO5	Understanding other quality standards and overview of CoBIT	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M
44	SEM II	030141234 - PP	T3124	Software Verification and Validation	60	CO1	Software Verification Testing	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	-
44					60	CO2	Software Validation Testing	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	-
44					60	CO3	Software Testing Techniques	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
44					60	CO4	Software Testing tools	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	-
44					60	CO5	Testing Metrics	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	-
45	SEM II	030141235 - PP	T3495	Product Management	60	CO1	Understand what is IT Product and its Life Cycle. Product Life Cycle activities and deliverables	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	-
45					60	CO2	Pre-Sales process understanding and its deliverables like Pre-Sales Plan, Battle Card, RFP, etc	Strong-H	Moderate-M	-	-	Weak-L	-
45					60	CO3	IT Product Management Process, Deliverables, Attributes, Roles and Responsibilities	Moderate-M	Moderate-M	-	-	Weak-L	-
45					60	CO4	IT Product Marketing Concepts, Marketing Process and Activities, Marketing Deliverables	Strong-H	Moderate-M	-	-	Weak-L	-
46	SEM II	030141236 - PP	T3496	Software Versioning	60	CO1	Purpose of Software Versioning	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	-
46					60	CO2	SDLC	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	-
46					60	CO3	Software Configuration Management	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	-
46					60	CO4	Version control and Change control	Moderate-M	Moderate-M	-	Weak-L	Strong-H	-
46					60	CO5	Auditing	Moderate-M	Moderate-M	-	Weak-L	Strong-H	-
47	SEM II	030141237 - PP	T3312	Project Management Suite	60	CO1	Project Management Fundamentals	-	Moderate-M	Moderate-M	-	Strong-H	Moderate-M
47					60	CO2	Operating Project Management Suite -- MS Project	-	Moderate-M	-	-	Strong-H	Moderate-M
47					60	CO3	Controlling Project Resources using MS Project	-	Moderate-M	-	-	Strong-H	Moderate-M
47					60	CO4	Controlling and Tracking Master and sub-projects	-	Moderate-M	-	-	Strong-H	Moderate-M
47					60	CO5	MS Project advanced features using Case Studies	-	Moderate-M	-	-	Strong-H	Moderate-M
48	SEM III	030141301 - PP	T3055	Information Security Management	60	CO1	Understanding Software Realms, Information Assets and Safeguarding Measures, Security Terms and Lingos, Certifications Viz. CISSP, CISM, CISA	-	Strong-H	-	-	-	-
48					60	CO2	Demonstratable Knowhow of Information Security Risk Assessment, Analysis and Management, Risk Profiling, Incident and Disaster Management, ISMS, IS-Governance, GRC, GDPR	-	-	Strong-H	-	-	-
48					60	CO3	Thorough Know how of Information Security and Governance Standards Viz. ISO 27000,NIST-800,ISO 31000, COBIT5, Auditing Principles	-	-	Strong-H	-	-	-
48					60	CO4	Understanding Legal Framework for Information Security-National and Global Level, Intellectual Property, Protection Measures and Laws	-	Strong-H	Strong-H	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
48					60	CO5	Demonstrable know how of Information Security Control Tools Viz. CODE OE ETHICS, CODE OF CONDUCT, POLICIES, PROCEDURES, GUIDELINES, Digital Forensics, Human Factor Management.	-	Strong-H	-	-	-	-
49	SEM III	030141302 - PP	T3076	Enterprise Resource Planning	60	CO1	Apply understanding of cross-functional business processes for enabling integrated/ distributed management decision support systems and understand how the technical architecture of ERP supports this goal	-	-	-	-	Strong-H	-
49					60	CO2	Analyze typical IT project management approaches and evolve specific ERP project management components for successful ERP implementations	-	-	-	-	Strong-H	-
49					60	CO3	Explore the current ERP products marketplace and understand their applicability in specific industries and verticals. Evaluate various Implementation Parteeers scenario and assess their selection methodology	Strong-H	-	-	-	-	-
49					60	CO4	Create hands-on applications using selected ERP packages and design/deliver integrated cross-functional business processes by configuring them	Strong-H	Strong-H	-	-	-	-
49					60	CO5	Develop understanding or application of ERP technologies to deliver solutions in the extended enterprise based on CRM and SCM implementations. Understand the role of SOA and BPMS technologies for creating agile business and technology environment	-	-	-	-	Strong-H	-
49					60	CO6	Familiarize with complete lifecycle of ERP in an enterprise. Evaluate the business case driving ERP implementations and how companies can derive strategic advantage for the business.	-	-	-	-	-	Strong-H
50	SEM III	030141303 - PP	T3075	E-business Management and Strategy	60	CO1	Influence of internet on new business models.	-	-	-	Strong-H	-	-
50					60	CO2	B2B & B2C marketing on the internet.	-	-	-	-	Strong-H	-
50					60	CO3	Various applications of E-business in E-procurement, supply chain, E-CRM, E-marketing.	-	Strong-H	-	-	-	-
50					60	CO4	Issue relating to implementation and change management.	-	-	Strong-H	-	-	-
51	SEM III	030141304 - PP	T3172	IT-Governance	60	CO1	To explain the building blocks of IT Governance framework to Senior management and facilitate an alignment between business objectives and IT initiatives in line with current trends	-	-	-	-	Strong-H	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
51					60	CO2	To provide senior management in tangible terms an objective assessment of risk levels to business objectives in the event of compromise to IT assets	-	-	-	-	Strong-H	-
51					60	CO3	To champion the importance of effective controls implementation through fit for purpose IT controls awareness across all layers of Management	-	-	Strong-H	-	-	-
51					60	CO4	To provide a steer to management leading to a pragmatic and fit for purpose cost effective approach on IT systems recovery and business continuity in the even if disasters.	-	-	Strong-H	-	-	-
51					60	CO5	To ensure a healthy and proactive partnership between management and audit (both internal and external) thereby providing an asurance of a healthy cyber posture	-	-	-	Strong-H	-	-
52	SEM III	030141305 - PP	T3440	Fundamentals of Data Science	60	CO1	Model Development	-	-	-	Strong-H	-	-
52					60	CO2	Case study of Machine Learning applications	-	-	-	Strong-H	-	-
52					60	CO3	Machine Learning model for Data Sceince	-	-	-	-	Strong-H	-
52					60	CO4	Classification techniques	-	-	-	-	Strong-H	-
52					60	CO5	Data Exploration and Visualization	-	Strong-H	-	-	-	-
53	SEM III	030141306 - PP	T3441	Web Analytics	60	CO1	Students Should Understand the Marketing Strategy.	-	-	Strong-H	-	-	-
53					60	CO2	Students should be able to analyse the market trends.	-	Strong-H	-	Strong-H	-	-
53					60	CO3	Students should able to understand how people use contents	-	Strong-H	-	Strong-H	-	-
53					60	CO4	Students should able to track conversion rate.	-	Strong-H	-	Strong-H	-	-
53					60	CO5	Students should able to generate report on basis of various matrix value	-	Strong-H	-	Strong-H	-	-
54	SEM III	030141307 - PP	T3095	Requirements Management	60	CO1	Understand the basic concepts of software requirements engineering using traditional software approach as well as by using Agile Development (with major focus on Scrum and Extreme Programming).	-	-	-	-	Strong-H	-
54					60	CO2	Learn to apply the concepts of requirement elicitation, analysis and development to cases of software development.	Strong-H	-	-	-	-	-
54					60	CO3	Applying the techniques in agile development.	Strong-H	-	-	-	-	-
54					60	CO4	Understanding and applying the methods for writing good user stories	Strong-H	-	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
55	SEM III	030141308 - PP	T3136	System Dynamics Simulation	60	CO1	To understand the concept of learning about the complex systems (in the context of business) by modeling it and using this learning for taking decision.	-	Strong-H	-	-	-	-
55					60	CO2	To deal with dynamic complexity with limited and ambiguous information through formulation of simulation models.	-	-	-	Strong-H	-	-
55					60	CO3	To understand the modeling process and tools with minimum mathematical formalism.	-	-	-	-	Strong-H	-
55					60	CO4	To construct system dynamics models.	-	-	-	-	-	Strong-H
56	SEM III	030141309 - PP	T2353	Entrepreneurship	60	CO1	To develop an entrepreneurial mindset	-	Strong-H	-	-	-	-
56					60	CO2	To appraise the entrepreneurial process starting with pre-venture stage	-	-	-	Strong-H	-	-
56					60	CO3	To relate to practical aspects of starting a company	-	-	-	-	Strong-H	-
56					60	CO4	To select models for venture creation	-	-	-	-	-	Strong-H
57	SEM III	030141310 - PP	T2139	Digital Marketing	60	CO1	Assess Internet Marketing	Strong-H	-	-	-	-	-
57					60	CO2	Compare different tools & techniques used in Digital Marketing	-	-	-	-	Strong-H	-
57					60	CO3	Discuss the key elements of a digital marketing strategy	-	Strong-H	-	-	-	-
57					60	CO4	Prepare & Evaluate Digital Marketing Strategies using latest trends	-	Strong-H	-	-	-	-
57					60	CO5	Measure the effectiveness of the digital marketing campaign	-	Strong-H	-	-	-	-
58	SEM III	030141311 - PP	T3303	IT solutions to Banking and Financial Markets II	60	CO1	Learning of need of technology in banking business and financial markets.	Strong-H	-	-	-	-	-
58					60	CO2	Brief Knowledge of new technologies introduced in banking business.	-	Strong-H	-	-	-	-
58					60	CO3	Learning of various products of retail & wholesale banking and Investment Banking areas	-	-	-	Strong-H	-	-
58					60	CO4	Learning of technologies used by Financial markets other than banks.	Strong-H	-	-	-	-	-
58					60	CO5	Learning of Financial tools and Techniques	-	Strong-H	-	-	-	-
59	SEM III	030141312 - PP	T3305	Financial Services and Management	60	CO1	Explain Financial Service concepts and fundamentals	-	-	-	-	Strong-H	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
59					60	CO2	Construct awareness about functioning of Service Industry	-	-	-	-	Strong-H	-
59					60	CO3	Understanding tools and techniques used in Financial services Industry	-	Strong-H	-	-	-	-
59					60	CO4	Enable students to know strategies in services industry.	-	Strong-H	-	-	-	-
59					60	CO5	Understanding Rating agencies, Risk & Regulations Fundamentally	-	Strong-H	-	-	-	-
60	SEM III	030141313 - PP	T3500	Mastering Python for Finance	60	CO1	To learn Advance concepts in Statistics	-	-	-	Strong-H	-	-
60					60	CO2	To learn different tools used for visual finance	-	Strong-H	-	-	-	-
60					60	CO3	To learn applications of finance in real life applications	-	Strong-H	-	-	-	-
61	SEM III	030141314 - PP	T3112	Data Warehousing Applications and Data Analysis	60	CO1	To understand the ER-modeling and DDL, DML	-	-	-	Strong-H	-	-
61					60	CO2	Case study of DW application	-	-	-	Strong-H	-	-
61					60	CO3	DW model development	-	-	-	Strong-H	Strong-H	-
61					60	CO4	Evaluation of commercially available DW products	-	-	-	-	Strong-H	-
62	SEM III	030141315 - PP	T3073	Business Intelligence II	60	CO1	Model Development	-	Strong-H	-	Strong-H	-	-
62					60	CO2	Case study of BI application	-	Strong-H	-	Strong-H	-	-
62					60	CO3	BI model based on data warehouse	-	Strong-H	-	-	-	-
62					60	CO4	Evaluation of commercially available BI products	-	Strong-H	-	-	-	-
63	SEM III	030141316 - PP	T3490	Applied Data Analytics with Python	60	CO1	To explore the application of data analytics.	Strong-H	Strong-H	-	Strong-H	-	-
63					60	CO2	Students should be able to learn different packages of python.	Strong-H	Strong-H	-	Strong-H	-	-
63					60	CO3	Student should be able to learn machine learning.	-	Strong-H	-	Strong-H	Strong-H	-
63					60	CO4	Students are able to do hands on problem solving.	-	-	-	-	Strong-H	-
64	SEM III	030141317 - PP	T3299	Software Quality Standards II	60	CO1	CMMI Maturity Level Understanding	-	-	Strong-H	-	-	-
64					60	CO2	PCMM Maturity Level Understanding	-	-	Strong-H	-	-	-
64					60	CO3	Lean Methodology application in software	Strong-H	-	-	-	-	-
64					60	CO4	Software Process Improvement method application	Strong-H	-	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
65	SEM III	030141318 - PP	T3301	Software Quality Process and Assurance II	60	CO1	Software Quality Metrics	-	-	Strong-H	-	-	-
65					60	CO2	Software Quality Model	-	-	Strong-H	-	-	-
65					60	CO3	Software Process Improvement	-	-	-	-	Strong-H	-
65					60	CO4	Application in SMAC	Strong-H	-	-	-	-	-
66	SEM III	030141319 - PP	T3497	Application Packaging	60	CO1	Student should be able to understand the concepts of application packaging and repackaging.	Strong-H	-	-	-	-	-
66					60	CO2	Student should be able to analyze the life cycle of application packaging.	-	-	-	-	Strong-H	-
66					60	CO3	Student should be able to compare different tools used for application packaging.	-	-	-	Strong-H	-	-
66					60	CO4	Student should be critically inspect these tools.	-	-	-	Strong-H	-	-
67	SEM IV	030141401 - PP	T3909	Industry Internship	60	CO1	To develop and refine skills	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
67					60	CO2	To gain work experience	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
67					60	CO3	To gain interpersonal and leadership skills.	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
67					60	CO4	To integrate theory and practice in the field.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Computer Studies and Research Programme Name : Master of Science (Computer Applications)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Proficiency to analyze research problems and respective solutions methodologies.
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Proficiency to present and communicate productively for their observations.
3	GA1	Scholarship: research, inquiry and lifelong learning	PO3	Proficiency to understand the industry needs for a particular course.
4	GA1	Scholarship: research, inquiry and lifelong learning	PO4	Proficiency to build the intelligence towards system administration skills and various scenarios.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Proficiency to apply knowledge of mathematics and analytical skills in Data Science discipline.
6	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO6	Proficiency in identifying the patterns and trends hidden in large data sets.

7	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO7	Graduates are able to break, design, develop, document and test the developed code w.r.t. current requirements.
8	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO8	Proficiency in maintaining software delivery deadlines according to project management.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	SEM I	030142101 - PP	T3017	Python Programming-CA	60	CO1	Able to code in python language	-	-	-	-	-	-	Strong-H	-
1					60	CO2	Use standard libraries available in Python	-	-	-	-	-	-	Strong-H	-
1					60	CO3	Use python for scripting for complex jobs	-	-	-	-	-	-	Strong-H	-
1					60	CO4	Write programs using OOPs paradigm	-	-	-	-	-	-	Strong-H	-
2	SEM I	030142102 - PP	T3555	Operating System Fundamentals	60	CO1	Students will be able to present understanding of Operating System concept through implementation in Linux.	Strong-H	Strong-H	-	-	-	-	-	-
2					60	CO2	Students will be able to differentiate various kernel architecture and its implementation requirements.	Strong-H	Strong-H	-	-	-	-	-	-
2					60	CO3	Kernel methods are major keys towards resource management wrt Memory and Process. Students will be able to demonstrate use of various IPC parameters to allocate the resources and maintain transaction consistency.	-	Strong-H	Strong-H	Strong-H	-	-	-	-
2					60	CO4	File System are basic building blocks to store the data; Students will be able to apply and differentiate the ext3 and ext4 file systems architecture with journaling.	-	Strong-H	Strong-H	Strong-H	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
2					60	CO5	Students will be able to work on various Linux Commands to Create user accounts, Manage Privileges, find string and patterns. Also, changing the file ownership and privileges are required to understand the accessibility for the files. The students must be able to change as per the requirements.	-	Strong-H	Strong-H	Strong-H	-	-	-	-
3	SEM I	030142103 - PP	T3545	Fundamentals of Computer Networking	60	CO1	"Students will be able to understand the basic concepts and terminologies in the area of computer network. "	Strong-H	-	-	-	-	-	-	-
3					60	CO2	Students will have basic knowledge on network architecture and network topologies with basic understanding of different network devices.	-	Strong-H	-	-	-	-	-	-
3					60	CO3	Students will be able to present the knowledge on OSI model and TCP/IP model	-	Strong-H	-	-	-	-	-	-
3					60	CO4	Students will be able to design network layout for small business units.	-	-	Strong-H	-	-	-	-	-
3					60	CO5	Students will have the introductory knowledge of how mobile network works	-	Strong-H	-	-	-	-	-	-
4	SEM I	030142104 - PP	T3573	Data Structures	60	CO1	Understand and remember algorithms and its analysis procedure	-	-	-	Strong-H	-	-	-	-
4					60	CO2	To design and implement various data structure algorithms	-	-	-	-	Strong-H	-	-	-
4					60	CO3	To introduce various techniques for representation of the data in the real world	-	-	-	-	Strong-H	-	-	-
4					60	CO4	To develop application using data structure algorithms	-	-	-	-	Strong-H	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
4					60	CO5	Compute the complexity of various algorithms.	-	-	-	-	Strong-H	-	-	-
5	SEM I	030142105 - PP	T3574	Design and Analysis of Algorithms	60	CO1	Understanding the Concepts of Algorithms and Order of Notation	-	-	-	Strong-H	Strong-H	-	-	-
5					60	CO2	Graph Theory and choice of DATA Structures of implementation of Algorithms	-	-	-	Strong-H	Strong-H	-	-	-
5					60	CO3	Understanding the concepts to choose a particular algorithm	-	-	-	Strong-H	Strong-H	-	-	-
5					60	CO4	Understanding real world problem mapping to a choice of algorithm	-	-	-	Strong-H	Strong-H	-	-	-
6	SEM I	030142106 - PP	T3580	Relational Database Management System	60	CO1	At the end of this course students will be able to differentiate among the various applications of the different data models.	Strong-H	-	-	-	-	-	-	-
6					60	CO2	Students will be able to develop the model and thereafter normalize the respective data.	-	-	Strong-H	-	-	-	-	-
6					60	CO3	Students will be able to understand the relationship between Relation and Set Theory.	-	-	-	-	-	Strong-H	Strong-H	-
6					60	CO4	Students will be able to understand the basic and advanced concepts of query processing which includes joins, subqueries and correlated subqueries.	-	-	-	-	-	-	Strong-H	-
6					60	CO5	Data is an asset; Students will learn and apply the transaction, recovery and security concepts for the data.	-	-	-	-	Strong-H	-	-	-
6					60	CO6	Students will get introductory knowledge of the recent trends in the database wrt the data warehousing and OLAP	-	-	Strong-H	-	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
7	SEM I	030142107 - PP	T3012	Java SE	60	CO1	Discuss and interpret core concepts of the Java language	-	-	-	-	-	-	Strong-H	-
7					60	CO2	To learn Object Oriented programming	-	-	-	-	-	-	Strong-H	-
7					60	CO3	To learn Java API	-	-	-	-	-	-	Strong-H	-
7					60	CO4	To analyze and construct well designed and effective applications	-	-	-	-	-	-	Strong-H	-
7					60	CO5	To develop application using Object Oriented concept	-	-	-	-	-	-	Strong-H	-
8	SEM I	030142108 - PP	T3575	Software Engineering (Agile Practices)	60	CO1	Software Development Processes	-	-	-	-	-	-	Strong-H	-
8					60	CO2	Agile Philosophy	-	-	-	-	-	-	Strong-H	-
8					60	CO3	Using Agile	-	-	-	-	-	-	Strong-H	-
8					60	CO4	Agile Testing Methodology	-	-	-	-	-	-	Strong-H	-
8					60	CO5	Agile Metrics	-	-	-	-	-	-	Strong-H	-
9	SEM I	030142109 - PP	T3049	Internetworking	60	CO1	To understanding of Building Blocks of Networks.	-	-	-	Strong-H	-	-	-	-
9					60	CO2	To explore Network Services and Protocols.	-	-	-	Strong-H	-	-	-	-
9					60	CO3	To Design and deployment of various enterprise class networks and apps.	-	-	-	Strong-H	-	-	-	-
9					60	CO4	To understand the Principles of Network administration and Troubleshooting	-	-	-	Strong-H	-	-	-	-
10	SEM I	030142110 - PP	T3051	Network Infrastructure	60	CO1	To design and to build an understanding of various network infrastructure components,	-	-	-	Strong-H	-	-	-	-
10					60	CO2	To understand LAN/WAN protocols and routing techniques.	-	-	-	Strong-H	-	-	-	-
10					60	CO3	To develop , design and configure networks for Lan and Wan environments.	-	-	-	Strong-H	-	-	-	-

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11	SEM I	030142111 - PP	T3061	IT Infrastructure Library	60	CO1	To understand the concepts of framework for IT Service Management	-	-	-	Strong-H	-	-	-	-
11					60	CO2	To understand IT Operations Efficiency	-	-	-	Strong-H	-	-	-	-
11					60	CO3	To explore the Management & defining IT services to provide proactive services to the Business.	-	-	-	Strong-H	-	-	-	-
12	SEM II	030142201 - PP	T3527	Big Data: Systems, Programming and Management	60	CO1	Overview to Big Data Systems and usage	Strong-H	-	-	-	-	Strong-H	Strong-H	-
12					60	CO2	Case study of Big Data Application	-	-	Strong-H	-	-	Strong-H	Strong-H	-
12					60	CO3	How to implement Big Data Systems	Strong-H	-	-	-	-	-	-	-
12					60	CO4	Databases used in Big Data Systems	-	-	-	-	-	Strong-H	-	-
12					60	CO5	Using MongoDB in Java applications	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
13	SEM II	030142202 - PP	T3009	Best Programming Practices	60	CO1	To explain Students to understand the coding practices	Strong-H	-	-	-	-	-	Strong-H	-
13					60	CO2	To help understand the code construction practices, its impact on overall software development	-	-	-	-	-	-	Strong-H	-
13					60	CO3	To improve the ability to write a computer program to solve specified problems.	-	-	-	-	-	-	Strong-H	-
13					60	CO4	To important topics and principles of software development.	-	-	-	-	-	-	-	Strong-H
13					60	CO5	Preventing loopholes in the code	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
14	SEM II	030142203 - PP	T3701	Dissertation	60	CO1	To study an existing or new system	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
14					60	CO2	To analyse the system	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H

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14					60	CO3	To compare the system with existing	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H
14					60	CO4	To design the system	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H
15	SEM II	030142204 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	-	Moderate-M	Moderate-M	-	-	-	-	-
15					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	-	Moderate-M	Moderate-M	-	-	-	-	-
15					60	CO3	To train students to perform First aid and CPR in an emergency..	-	Weak-L	Weak-L	-	-	-	-	-
16	SEM II	030142205 - PP	T3114	Object Oriented Analysis Design	60	CO1	Students are able to demonstrate different aspects of Object Oriented Analysis and Design.	-	-	Moderate-M	-	-	-	Strong-H	Strong-H
16					60	CO2	Students are able to implement principles of requirement analysis and design using UML artifacts.	-	-	Moderate-M	-	-	-	Strong-H	Strong-H
16					60	CO3	Students are able to implement types of categories of design patterns on real time requirements.	-	-	Moderate-M	-	-	-	Strong-H	Strong-H
16					60	CO4	Students are able to demonstrate the architecture centric software design .	-	-	Moderate-M	-	-	-	Strong-H	Strong-H
17	SEM II	030142206 - PP	T3120	Software Project Management	60	CO1	At the end of this course students will be able to understand and appreciate the need for project management.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
17					60	CO2	Students will be able to understand the activities done before a project	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
17					60	CO3	Students will be able to understand the various aspects involved in management of projects.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H

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17					60	CO4	Students will be able to understand the basic and advanced concepts of Network diagrams, critical path method	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
17					60	CO5	Students will learn and apply the concepts of earned value management.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
17					60	CO6	Students will get introductory knowledge of the recent trends in project management with the advent of Agile and appreciate the popular frameworks used for project management (PMP, PRINCE2)	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
18	SEM II	030142207 - PP	T3052	Network Operating Systems	60	CO1	To understand and Install, configure and customize the Operating Systems on network servers.	-	-	-	Strong-H	-	-	-	-
18					60	CO2	To compare Windows and Linux OS	-	-	-	Strong-H	-	-	-	-
18					60	CO3	To understand asset management, user management and diagnostics.	-	-	-	Strong-H	-	-	-	-
19	SEM II	030142208 - PP	T3537	Scripting Language	60	CO1	To understand the script programming paradigm	-	-	-	-	-	-	Strong-H	-
19					60	CO2	To understand the base to automate, audit	-	-	-	-	-	-	Strong-H	-
19					60	CO3	To understand operating system complex tasks in programmatic way.	-	-	-	-	-	-	Strong-H	-
20	SEM II	030142209 - PP	T3420	Esseentials of Vulnerability Assessment and Penetration Testing	60	CO1	To understanding for the Attacks	-	-	-	Strong-H	-	-	-	-
20					60	CO2	To perform Vulnerability Assessments.	-	-	-	Strong-H	-	-	-	-
20					60	CO3	To use Sniffing tools and communication protocol.	-	-	-	Strong-H	-	-	-	-

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21	SEM II	030142210 - PP	T3576	Computation Methods	60	CO1	Introduction to Linear Algebra	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
21					60	CO2	Representation of Problems in Linear Algebra	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
21					60	CO3	Matrix	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
21					60	CO4	Solving the problem	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
21					60	CO5	Eigenvalues and Eigenvectors	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
21					60	CO6	Algorithms	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
22	SEM II	030142211 - PP	T3577	Data Analysis Using Python	60	CO1	Students should be able to use python for data analysis	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
22					60	CO2	Students should be able to use python for data analysis	-	-	-	-	-	-	Strong-H	-
22					60	CO3	Students will be able to clean the dirty data.	-	-	-	-	-	-	Strong-H	-
22					60	CO4	Students will be able to do data translation and transformation as per requirement.	-	-	-	-	-	-	Strong-H	-
22					60	CO5	Students will be able to represent the transformed data in required format.	-	-	-	-	-	-	Strong-H	-
22					60	CO6	Students will be able to evaluate different python libraries for the given problem as per requirement.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
23	SEM II	030142212 - PP	T3003	Android Technologies	60	CO1	Describe the Android Stack architecture and Activity life cycle	-	-	-	-	-	-	Strong-H	Strong-H
23					60	CO2	Utilise different view container and layouts on android activity	-	-	-	-	-	-	Strong-H	Strong-H
23					60	CO3	Create an Android application for database operations using SQLite database	-	-	-	-	-	-	Strong-H	Strong-H
23					60	CO4	Develop android application for connecting to Server database using JSON and server scripts	-	-	-	-	-	-	Strong-H	Strong-H

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23					60	CO5	Develop android application for android phones and publish it on Google Paly store.	-	-	-	-	-	-	Strong-H	Strong-H
24	SEM II	030142213 - PP	T3281	Data Warehousing	60	CO1	At the end of this course students will be able to understand the need of Datawarehousing systems.	-	-	-	-	Strong-H	Strong-H	-	-
24					60	CO2	Students will be able to understand the dimension and fact tables for the datawarehousing system.	-	-	-	-	Strong-H	Strong-H	-	-
24					60	CO3	Students will be able to design a dimension data model and understand its comparison with ER Model	-	-	-	-	Strong-H	Strong-H	-	-
24					60	CO4	Students will be able to understand the ETL needs and understand the process with some tools.	-	-	-	-	Strong-H	Strong-H	-	-
24					60	CO5	Students will get introductory knowledge of the recent trends in the database wrt the data warehousing and OLAP	-	-	-	-	Strong-H	Strong-H	-	-
25	SEM II	030142214 - PP	T3025	Linux Scripting	60	CO1	Explain the basic architecture of Linux	-	-	-	-	-	-	Strong-H	Strong-H
25					60	CO2	Utilize the Linux command line interface for basic user, file and system maintenance operations	-	-	-	-	-	-	Strong-H	Strong-H
25					60	CO3	Develop shell scripts to perform simple and complex tasks	-	-	-	-	-	-	Strong-H	Strong-H
25					60	CO4	Develop Perl scripts to perform simple tasks	-	-	-	-	-	-	Strong-H	Strong-H
25					60	CO5	Analyze awk scripts to perform simple tasks	-	-	-	-	-	-	Strong-H	Strong-H
26	SEM II	030142215 - PP	T3356	NOSQL Databases	60	CO1	Understanding NoSQL Databases and Architecture	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
26					60	CO2	NoSQL DB case studies on its current usage in industry	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L

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26					60	CO3	Hands-on on MongoDB/Cassandra	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
26					60	CO4	Design DB architecture using NoSQL Database for applications	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
27	SEM II	030142216 - PP	T3018	R Programming	60	CO1	To understand the basics of R programming	-	-	-	-	-	Strong-H	Strong-H	-
27					60	CO2	To build skills of programming using R	-	-	-	-	-	Strong-H	-	-
27					60	CO3	To solve the problems in statistics using R	-	-	-	-	-	Strong-H	-	-
28	SEM II	030142216 - PP	T3018	R Programming	60	CO1	To understand the basics of R programming	-	-	-	-	-	Strong-H	Strong-H	-
28					60	CO2	To build skills of programming using R	-	-	-	-	-	Strong-H	-	-
28					60	CO3	To solve the problems in statistics using R	-	-	-	-	-	Strong-H	-	-
29	SEM II	030142217 - PP	T3124	Software Verification and Validation	60	CO1	To understand Software Verification and Validation	-	-	-	-	-	-	Strong-H	-
29					60	CO2	To understand the importance of the step towards better software quality.	-	-	-	-	-	-	Strong-H	-
29					60	CO3	To study the process of Software Testing which including S/w verification and validation.	-	-	-	-	-	-	Strong-H	-
29					60	CO4	To exposes students to latest S/w testing techniques and tools.	-	-	-	-	-	-	Strong-H	-
30	SEM II	030142218 - PP	F0003	Flexi-Credit Course	60	CO1	To understand importance of secure software Engineering in software development Environment	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-
30					60	CO2	To understand mobile and web security issues.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	-
30					60	CO3	To understand different security testing	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	-
31	SEM II	030142219 - PP	T3022	Cryptography	60	CO1	To understand the basics of cryptography	Strong-H	-	-	-	-	-	-	-

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31					60	CO2	To understand cryptography and its applications in security.	Strong-H	-	-	-	-	-	-	-
31					60	CO3	To build to understand and analyze the different algorithms and techniques used with encryption and authentication	Strong-H	-	-	Strong-H	-	-	-	-
32	SEM II	030142220 - PP	T3279	Database Administration - I	60	CO1	To understand the Configuration of the database, Manage Instance and Database Storage Structure	-	-	Strong-H	-	-	-	-	-
32					60	CO2	To understand how to Perform Backup and Recovery of Database,	-	-	Strong-H	-	-	-	-	-
32					60	CO3	To understand the concepts of Monitoring and Troubleshoot Database, Configure Net Service, Move Data between Database and Files.	-	-	Strong-H	-	-	-	-	-
33	SEM II	030142221 - PP	F0003	Flexi-Credit Course	60	CO1	To understand importance of secure software Engineering in software development Environment	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-
33					60	CO2	To understand mobile and web security issues.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	-
33					60	CO3	To understand different security testing	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	-
34	SEM II	030142222 - PP	T3268	Fuzzy Logic	60	CO1	To understand the concepts of fuzzy logic fundamentals and its application in brief.	-	-	-	-	-	Strong-H	-	-
34					60	CO2	To understand the importance of fuzzy logic in terms of linguistic variables.	-	-	-	-	-	Strong-H	-	-
34					60	CO3	To understand the usage of Fuzzy logic by using quantitative and qualitative data	-	-	-	-	-	Strong-H	-	-
35	SEM II	030142223 - PP	T3567	Data Analysis and Visualization	60	CO1	To analyze, model and visualize multi-dimensional data.	-	-	-	-	-	Strong-H	-	-

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35					60	CO2	To understand various problem solving skills to solve challenges occurred by real life complex data	-	-	-	-	-	Strong-H	-	-
35					60	CO3	To understand the state-of-art skills of data modeling.	-	-	-	-	-	Strong-H	-	-
36	SEM II	030142224 - PP	F0003	Flexi-Credit Course	60	CO1	To understand importance of secure software Engineering in software development Environment	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-
36					60	CO2	To understand mobile and web security issues.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	-
36					60	CO3	To understand different security testing	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	-
37	SEM III	030142301 - PP	T3189	Web Content Management Systems	60	CO1	Students will understand the basics concepts of website, programming languages, servers etc.	-	-	-	-	-	-	Strong-H	-
37					60	CO2	Students will be able to design simple website using HTML 5, CSS etc.	-	-	-	-	-	-	Strong-H	-
37					60	CO3	Student will be able to understand the concept and usage of server side scripting language and Database connectivity	-	-	-	-	-	-	Strong-H	-
37					60	CO4	Student will be able to understand the overall usage of a LAMP stack as a server side setup for running a CMS type setup, role of Database etc.	-	-	-	-	-	-	Strong-H	-
37					60	CO5	Student will be able to understand the concepts of a CMS, advantages and basic implementation	-	-	-	-	-	-	Strong-H	-
37					60	CO6	Students will be able to use the Drupal and Wordpress CMS to implement website with multiple functionalities	Strong-H	-	-	-	-	-	-	-
38	SEM III	030142302 - PP	T3293	Software Architectures	60	CO1	To Explain the creational and structural patterns.	-	-	-	Strong-H	-	-	-	-

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38					60	CO2	To make them understand applying his knowledge to create an architecture forgiven application.	-	-	-	-	Strong-H	-	-	-
38					60	CO3	To explain the role of analyzing architectures.	-	-	-	Strong-H	-	-	-	-
38					60	CO4	To help them identify different structural patterns.	-	-	-	Strong-H	-	-	-	-
39	SEM III	030142303 - PP	T3802	Pilot Project	60	CO1	To Analyze research problems or industrial problems	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
39					60	CO2	To implement the coding knowledge	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
39					60	CO3	To design and develop project	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
39					60	CO4	To document and test the developed code	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
39					60	CO5	To understand the need of delivery deadlines according to project management	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
40	SEM III	030142304 - PP	T3048	Essentials of System Administration	60	CO1	The students will explain various design goals and challenges for understanding the architecture of the system	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
40					60	CO2	The students will apply various troubleshooting skills to solve the unavailability problem	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
41	SEM III	030142305 - PP	T3053	Server Security and Hardening	60	CO1	To have an understanding of server security and hardening	-	-	Strong-H	Strong-H	Strong-H	-	-	-
41					60	CO2	To understand and apply the elements and procedures to be applied to server during both installation and post-installation.	-	-	Strong-H	Strong-H	Strong-H	-	-	-
42	SEM III	030142306 - PP	T3054	Vulnerability Assessment and Penetration Testing	60	CO1	To understand the Attacks and Vulnerability Assessments.	-	-	-	Strong-H	-	-	-	-

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42					60	CO2	To explore Sniffing tools with respect to application .	-	-	-	Strong-H	-	-	-	-
42					60	CO3	To understandcommunication protocol	-	-	-	Strong-H	-	-	-	-
43	SEM III	030142307 - PP	T3453	Deep learning	60	CO1	Deep Learning Background	-	-	-	-	Strong-H	Strong-H	-	-
43					60	CO2	Deep Neural Network Understanding, Theory and Applications	-	-	-	-	Strong-H	Strong-H	-	-
43					60	CO3	Conventional Neural Network Understanding, Theory and Applications	-	-	-	-	Strong-H	Strong-H	-	-
43					60	CO4	Deep Learning Models for Text and Sequences	-	-	-	-	Strong-H	Strong-H	-	-
43					60	CO5	Applications of Deep Learning	-	-	-	-	Strong-H	Strong-H	-	-
44	SEM III	030142308 - PP	T3530	Probabilistic Graphical Models	60	CO1	To learn the basic concept of Probabilistic Graphical Models	-	-	-	-	Strong-H	Strong-H	-	-
44					60	CO2	To give efficient representations of joint distributions using graphs, with a range of applications to machine learning	-	-	-	-	Strong-H	Strong-H	-	-
44					60	CO3	To cover the fundamentals of probabilistic graphical models, including techniques for inferring properties of the distribution given the graph structure and parameters	-	-	-	-	Strong-H	Strong-H	-	-
44					60	CO4	To study the approximate inference, and learning high dimensional models subject to sparsity assumptions	-	-	-	-	Strong-H	Strong-H	-	-
45	SEM III	030142309 - PP	T3515	Spatial Database	60	CO1	To focuses on the use of database management systems (DBMS) to manage spatial information.	-	-	-	-	Strong-H	-	-	-

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45					60	CO2	To Explain Spatial Database is a specialized DBMS that is designed to facilitate the collection, querying, management, and analysis of large volumes of geographical knowledge.	-	-	-	-	-	Strong-H	-	-
45					60	CO3	To Explain spatially enabled DBMS is a central component of a Geographical Information System (GIS).	-	-	-	-	-	Strong-H	-	-
45					60	CO4	To Explain Spatial databases have a major role to play in managing the national physical and informational infrastructure.	-	-	-	-	-	Strong-H	-	-
45					60	CO5	To discuss advanced spatially enabled DBMS is vital in implementing any information system where geographic data is required.	-	-	-	-	-	-	Strong-H	-
45					60	CO6	This module focuses on the role of the DBMS in geographical applications	-	-	-	-	-	Strong-H	Strong-H	-
46	SEM III	030142310-PP	T3527	Big Data: Systems, Programming and Management	60	CO1	Overview to Big Data Systems and usage	-	-	-	-	Strong-H	-	-	-
46					60	CO2	Case study of Big Data Application	-	-	-	-	Strong-H	-	-	-
46					60	CO3	How to implement Big Data Systems	-	-	-	-	-	Strong-H	-	-
46					60	CO4	Databases used in Big Data Systems	-	-	-	-	-	Strong-H	-	-
47	SEM III	030142311-PP	T3005	ASP. Net Programming	60	CO1	To Understand Asp .Net Framework.	Strong-H	-	-	-	-	-	Strong-H	-
47					60	CO2	To Develop web based application using Asp .Net framework &	-	-	-	-	-	-	Strong-H	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
47					60	CO3	To Understand Web services with MVC architecture	-	-	-	-	-	-	Strong-H	-
48	SEM III	030142312 - PP	T3008	Cloud Programming using Web Services	60	CO1	Cloud Computing Introduction, Understanding IaaS, PaaS, SaaS, HaaS, FaaS	-	-	-	-	-	-	Strong-H	Strong-H
48					60	CO2	Cloud Infrastructure (AWS, Google), Cloud Architecture	-	-	-	-	-	-	Strong-H	Strong-H
48					60	CO3	SOAP, REST, Query API Programming on Cloud	-	-	-	-	-	-	Strong-H	Strong-H
48					60	CO4	SOAP, REST, Query API Programming on Cloud	-	-	-	-	-	-	Strong-H	Strong-H
48					60	CO5	EC2- Networking, Architecture and Programming	-	-	-	-	-	-	Strong-H	Strong-H
49	SEM III	030142313 - PP	T3027	Soft Computing Algorithms and Applications	60	CO1	To understand soft computing concepts.	-	-	-	-	Strong-H	-	-	-
49					60	CO2	To explore the ideas of fuzzy logic, evolutionary computation and machine learning.	-	-	-	-	Strong-H	-	-	-
49					60	CO3	To identify, formulate and solve machine learning problems that arise in practical applications.	-	-	-	-	Strong-H	-	-	-
49					60	CO4	To understand data-driven knowledge discovery and program synthesis	-	-	-	-	Strong-H	-	-	-
50	SEM III	030142314 - PP	T3080	iOS Technologies	60	CO1	To understand the approach to develop application for IOS platform.	-	-	-	-	-	-	Strong-H	-
50					60	CO2	To understand MVC architecture of IOS. and to understand the mobile application development for IOS platform.	-	-	-	-	-	-	Strong-H	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
50					60	CO3	To Create applications using objective C and acquire hands-on experience in developing applications for IOS using objective C.	-	-	-	-	-	-	Strong-H	-
51	SEM III	030142315 - PP	T3111	Data Mining and Algorithms	60	CO1	To Discuss the Data warehousing and data mining support systems for the modern day industry and business.	-	-	Strong-H	-	-	Strong-H	Strong-H	-
51					60	CO2	To Explain Warehousing tools and techniques for query optimization of Datawarehouse	-	-	-	-	-	Strong-H	Strong-H	-
51					60	CO3	To Explain Data Mining Algorithms.	-	-	-	-	-	Strong-H	Strong-H	-
51					60	CO4	To discuss development of mining algorithm using R programming.	-	-	-	-	-	Strong-H	Strong-H	-
52	SEM III	030142316 - PP	T3122	Software Quality Models	60	CO1	Basics of Quality	-	-	-	-	-	-	-	Strong-H
52					60	CO2	Configuration and Risk Management	-	-	-	-	-	-	-	Strong-H
52					60	CO3	Measurement and Metrics	-	-	-	-	-	-	-	Strong-H
52					60	CO4	Standards and Best Practices	-	-	-	-	-	-	-	Strong-H
52					60	CO5	Service Quality and Customer Satisfaction	-	-	-	-	-	-	-	Strong-H
53	SEM III	030142317 - PP	T3259	ABAP Programming-II	60	CO1	To understand ERP applications using ABAP.	-	-	-	-	-	-	Strong-H	-
53					60	CO2	To understand the in-depth knowledge and programming skills in building ERP applications using ABAP.	-	-	-	-	-	-	Strong-H	-
54	SEM III	030142318 - PP	T3261	Java EE-II	60	CO1	Provide way to develop a complete enterprise application using JEE.	-	-	-	-	-	-	Strong-H	-
54					60	CO2	Understand various current APIs used in JEE	-	-	-	-	-	-	Strong-H	-
54					60	CO3	Create complete application using J2EE standards and APIS of JEE	-	-	-	-	-	-	Strong-H	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
54					60	CO4	Evaluate in detail the major design decisions and trade offs in creating J2EE applications	-	-	-	-	-	-	Strong-H	-
54					60	CO5	Acquire hands-on experience in developing applications that use J2EE supporting technologies	-	-	-	-	-	-	Strong-H	-
55	SEM III	030142319 - PP	T3269	Application of Neural Network	60	CO1	To understand Neural Network concepts	Strong-H	-	-	-	-	-	-	-
55					60	CO2	To understand the applications of neural network models and related algorithms in information retrieval systems	-	-	-	-	-	-	Strong-H	-
55					60	CO3	To explore the open source octave tool or Scilab for setting up application of Neural networks.	-	-	-	-	-	-	Strong-H	-
56	SEM III	030142320 - PP	T3271	Systems Programming	60	CO1	To understand the basics of System programming	-	-	-	-	-	-	Strong-H	-
56					60	CO2	To understand the mechanism of developing Operating System Kernel.	-	-	-	-	-	-	Strong-H	-
56					60	CO3	To understand Linux Distribution built and modularity of Kernel,	-	-	-	-	-	-	Strong-H	-
57	SEM III	030142321 - PP	T3448	Text Analytics	60	CO1	To understand the concepts of Natural Language Processing.	-	-	-	-	Strong-H	Strong-H	-	-
57					60	CO2	Natural Language Processing I	-	-	-	-	Strong-H	Strong-H	-	-
57					60	CO3	Natural Language Processing II	-	-	-	-	Strong-H	Strong-H	-	-
57					60	CO4	Document Representation	-	-	-	-	Strong-H	Strong-H	-	-
57					60	CO5	Topic modeling	-	-	-	-	Strong-H	Strong-H	-	-
58	SEM III	030142322 - PP	T3032	Computer Forensics - Detection and Prevention of IT Frauds	60	CO1	Students will be able to develop an understanding of various types of fraud schemes	-	-	Strong-H	Strong-H	-	-	-	-

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58					60	CO2	Students will be able to generate the strategies to prevent the frauds.	-	-	Strong-H	Strong-H	-	-	-	-
59	SEM III	030142325 - PP	T3046	Adminstration of Cloud	60	CO1	To understand cloud technologies by providing the view of development as well as administration.	-	-	Strong-H	Strong-H	Strong-H	-	-	-
60	SEM III	030142326 - PP	T3050	IS Risk Analysis and System Audit	60	CO1	To introduces concepts and methodology that are used to analyze and mitigate the impact of security threats to the assets of their organizations.	-	-	Strong-H	Strong-H	-	-	-	-
60					60	CO2	To explore the knowledge on ISO 27000 standards	-	-	Strong-H	Strong-H	-	-	-	-
60					60	CO3	To explain the concepts of risk analysis, system security, policy implementation and auditing.	-	-	Strong-H	Strong-H	-	-	-	-
61	SEM III	030142327 - PP	T3056	Wireless Networks	60	CO1	To equip students with Thorough understanding of theory, principles and applications of wireless networks, wireless technologies, wireless infrastructure & wireless security measures.	-	-	Strong-H	Strong-H	Strong-H	-	-	-
61					60	CO2	To understand the WLAN design and deployment	-	-	Strong-H	Strong-H	Strong-H	-	-	-
61					60	CO3	To learn the Principles and functioning of cellular technologies	-	-	Strong-H	Strong-H	Strong-H	-	-	-
62	SEM III	030142328 - PP	T3063	Data Centre Infrastructure Management	60	CO1	To be able to provides basic aspects of architecture, design and security of Data Center.	-	-	Strong-H	Strong-H	-	-	-	-
62					60	CO2	To be able to recommend configurations for Data Center	-	-	Strong-H	Strong-H	-	-	-	-
63	SEM III	030142329 - PP	T3065	Network Operations, Design, Optimization and Management	60	CO1	To access designing of LANs and WANs and propose an optimized design	-	-	Strong-H	Strong-H	Strong-H	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
63					60	CO2	To evaluate functionalities, standards and applications associated with Computer networks.	-	-	Strong-H	Strong-H	Strong-H	-	-	-
63					60	CO3	To be able to use standard network management tools to monitor networks operations	-	-	Strong-H	Strong-H	Strong-H	-	-	-
64	SEM III	030142330 - PP	T3425	Understanding LDAP	60	CO1	To understand concepts of LDAP, structures and ideas.	-	-	Strong-H	Strong-H	Strong-H	-	-	-
64					60	CO2	To configure LDAP	-	-	Strong-H	Strong-H	Strong-H	-	-	-
65	SEM III	030142331 - PP	T3015	Network Programming	60	CO1	To provide students with the in-depth knowledge of socket programming.	-	-	-	Strong-H	-	-	-	-
65					60	CO2	To develop application layer protocols using TCP/UDP as transport.	-	-	-	Strong-H	-	-	-	-
65					60	CO3	To understand RFC and their implementation.	-	-	-	Strong-H	-	-	-	-
66	SEM III	030142331 - PP	T3015	Network Programming	60	CO1	To provide students with the in-depth knowledge of socket programming.	-	-	-	Strong-H	-	-	-	-
66					60	CO2	To develop application layer protocols using TCP/UDP as transport.	-	-	-	Strong-H	-	-	-	-
66					60	CO3	To understand understanding RFC and their implementation.	-	-	-	Strong-H	-	-	-	-
67	SEM III	030142332 - PP	T3024	Distributed Systems	60	CO1	The students will explain various deisng goals and challenges for Distributed Systems.	-	-	-	-	Strong-H	-	-	-
67					60	CO2	The students will code and test various interprocess communication techniques, such as RPC, RMI.	-	-	-	-	Strong-H	-	-	-
67					60	CO3	The students will be able to correlate the different types of file systems and naming services.	-	-	-	-	Strong-H	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
67					60	CO4	The students will be able to understand time related issues in distributed systems and distributed transactions.	-	-	-	-	Strong-H	-	-	-
67					60	CO5	The students will be able to understand the messaging mechanism through CORBA case study.	-	-	-	-	Strong-H	-	-	-
68	SEM III	030142333 - PP	T3278	Applied Cryptography	60	CO1	To understand cryptography and practical cryptographic implementations.	Strong-H	-	-	-	-	-	-	-
68					60	CO2	To explore crypto in terms of implemented at various levels of computing	Strong-H	-	-	-	-	-	-	-
68					60	CO3	To explore the the gaps and flaws in implementations.	Strong-H	-	-	-	-	-	-	-
69	SEM III	030142333 - PP	T3278	Applied Cryptography	60	CO1	To understand cryptography and practical cryptographic implementations.	Strong-H	-	-	-	-	-	-	-
69					60	CO2	To explore crypto in terms of implemented at various levels of computing	Strong-H	-	-	-	-	-	-	-
69					60	CO3	To explore the the gaps and flaws in implementations.	Strong-H	-	-	-	-	-	-	-
70	SEM III	030142334 - PP	T3280	Database Administration - II	60	CO1	The students must be able repair database failure and manage the space	Strong-H	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L	Weak-L
70					60	CO2	The students must be able to monitor the performance of memory and do the query rewrite to improve it.	Strong-H	Strong-H	Strong-H	-	Weak-L	Weak-L	Weak-L	Weak-L
70					60	CO3	The students must be able to apply various backup and recovery strategies to make database availability stronger	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
71	SEM III	030142334 - PP	T3280	Database Administration - II	60	CO1	The students must be able repair database failure and manage the space	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
71					60	CO2	The students must be able to monitor the performance of memory and do the query rewrite to improve it.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
71					60	CO3	The students must be able to apply various backup and recovery strategies to make database availability stronger	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
72	SEM III	030142335-PP	T3419	Cloud Development and Administration	60	CO1	The students must be able to understand the architecture of Cloud with various delivery and deployment models	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	-
72					60	CO2	The students must be able to monitor the resource requirements of cloud able to instantiate more resources	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	-
72					60	CO3	The students must be able to write the python scripts to initiate and fulfill the cloud resource requirements	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	-
73	SEM IV	030142401-PP	T3096	Industry Immersion Programme	60	CO1	To provide industrial exposure to students	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
73					60	CO2	To provide platform for the students to showcase the skills	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
73					60	CO3	To solve complex industrial problems	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
73					60	CO4	To implement there knowledge	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
73					60	CO5	To learn hands on during knowledge form industrial experts	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Computer Studies and Research Programme Name : Master of Science (System Security)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	This Program will generate workforce to cater the industry requirements in the area of Forensics, Penetration Testing, Application Security, Security Assurance.
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	It will enable students to recognize and describe the hidden security vulnerabilities problems and consequences of security failures.
3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	The program also focuses on the requirements of Business continuity planning and propose an implementation plan.
4	GA1	Scholarship: research, inquiry and lifelong learning	PO4	Proficiency to automate the regulate auditing of fraudulent activities.
5	GA1	Scholarship: research, inquiry and lifelong learning	PO5	Identity and Access Management is a major requirement to understand the process of authentication and authorisation. This program will enable the students to understand the importance of "individual access to resources ".
6	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO6	Design and implementation of coding practices are required for secure software engineering. This program will facilitate the students to understand the practices for the security in software design.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
1	SEM I	030143101 - PP	T3022	Cryptography	60	CO1	Recap of key concepts related to cryptography	Strong-H	-	-	-	-	-
1					60	CO2	Basics of cryptography	Strong-H	-	-	Strong-H	-	-
1					60	CO3	Symmetric and Asymmetric key cryptography	Strong-H	-	-	-	Strong-H	Strong-H
1					60	CO4	Cryptographic protocols	-	-	Strong-H	-	Strong-H	Strong-H
1					60	CO5	Internet cryptography	-	-	Strong-H	-	Strong-H	Strong-H
2	SEM I	030143102 - PP	T3017	Python Programming-SS	60	CO1	Able to code in python language	Strong-H	-	-	-	-	-
2					60	CO2	Use standard libraries available in Python	Strong-H	-	-	-	-	-
2					60	CO3	Use python for scripting for complex jobs	Strong-H	-	Strong-H	-	-	-
2					60	CO4	Write programs using OOPs paradigm	-	-	-	-	-	-
3	SEM I	030143103 - PP	T3555	Operating System Fundamentals	60	CO1	Students will be able to present understanding of Operating System concept through implementation in Linux.	Strong-H	Strong-H	-	-	-	-
3					60	CO2	Students will be able to differentiate various kernel architecture and its implemetation requirements.	Strong-H	Strong-H	-	-	-	-
3					60	CO3	Kernel methods are major keys towards resource management wrt Memory and Process. Students will be able to demonstrate use of various IPC parameters to allocate the resources and maintain transaction consistency.	-	-	Strong-H	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
3					60	CO4	File System are basic building blocks to store the data. Students will be able to apply and differentiate the ext3 and ext4 file systems architecture with journal ling.	-	-	-	Strong-H	-	-
3					60	CO5	Students will be able to work on various Linux Commands to Create user accounts, Manage Privileges, find string and patterns. Also, changing the file ownerhip and privileges are required to understand the accessibility for the files. The students must be able to change as per the reuirements.	-	-	-	-	Strong-H	-
4	SEM I	030143104 - PP	T3545	Fundamentals of Computer Networking	60	CO1	Students will be able to understand the basic concepts and terminologies in the area of computer network.	Strong-H	-	-	-	-	-
4					60	CO2	Students will have basic knowledge on network architecture and network topologies with basic understanding of different network devices.	-	Strong-H	-	-	-	-
4					60	CO3	Students will be able to present the knowledge on OSI model and TCP/IP model	-	Strong-H	-	-	-	-
4					60	CO4	Students will be able to design network layout for small business units.	-	-	Strong-H	-	-	-
4					60	CO5	Students will have the introductory knowledge of how mobile network works	-	-	-	-	-	-
5	SEM I	030143105 - PP	T3537	Scripting Language	60	CO1	Introduce student to basics of Linux OS, architecture, commands, files etc.	Strong-H	-	-	-	-	-
5					60	CO2	Students will be able to write simple shell (bash) scripts to automate simple tasks.	Strong-H	-	-	-	-	-
5					60	CO3	Student will be able to understand the usages of awk and its scripting capabilities to work with database type files.	-	-	Strong-H	-	-	-
5					60	CO4	Student will be able to get and understanding the use of PERL programming language to write scripts to extract information and generate reports for text based files	-	-	Strong-H	-	-	-
5					60	CO5	Student will be able to understand the concept and purpose of Power-shell introduced in Microsoft windows.	-	Strong-H	Strong-H	-	-	-
6	SEM I	030143106 - PP	T3411	Cyber law	60	CO1	To familiarize students with the basic knowledge on the technical side of Cyber Law	Strong-H	-	-	-	-	-
6					60	CO2	To focus on new forms of cybercrime	Strong-H	Strong-H	-	-	-	-
6					60	CO3	To Focus on respective security standards	-	-	-	Strong-H	Strong-H	-
7	SEM I	030143107 - PP	T3410	Information Security Essentials	60	CO1	To understand the basics needs Security along with Information Security	-	-	Strong-H	Strong-H	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
7					60	CO2	To know the legal, ethical and professional issues in Information Security	-	-	Strong-H	Strong-H	-	-
7					60	CO3	To know the importance of Physical and Operational Security Aspects	-	-	-	Strong-H	-	-
7					60	CO4	To study various standards in this area of Information Security	-	-	Strong-H	-	-	-
7					60	CO5	To Explain Business Continuity & Disaster Recovery Planning	-	-	Strong-H	-	Strong-H	-
8	SEM I	030143108 - PP	T3433	Introduction to Relational Database Management	60	CO1	To make student interpret database and database management concepts	Strong-H	Strong-H	-	-	-	-
8					60	CO2	To make student understand the basics of RDBMS	-	-	Strong-H	-	-	-
8					60	CO3	To make student understand database management concept	-	-	Strong-H	-	-	-
8					60	CO4	To make student simulate and application of RDBMS	-	-	-	Strong-H	-	-
8					60	CO5	To make student implement RDBMS	-	-	-	Strong-H	-	-
9	SEM II	030143201 - PP	T3423	Linux Server Essentials	60	CO1	Students will be able to develop understanding of Various Servers available in Linux wrt Security.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
9					60	CO2	Students will learn Network file System and Samba to share the files over the network	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
9					60	CO3	File Transfer Protocol is required to transfer the files over the network; Students will apply get and Put methods as well as will provide anonymous and normal user to gain access to remote file system to transfer.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
9					60	CO4	Secure shell and its security is required to access the files over the network;The major focus is to apply security to access SSH wrt PORT Block and Denying the request from a server	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
9					60	CO5	Students will learn various aspects of Virtualization and Cloud	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
9					60	CO6	The Quota limits the number of files created for the normal user; Students will apply quota to limit the number of file creation for a particular user.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
10	SEM II	030143202 - PP	T3015	Network Programming	60	CO1	At the end of this course students will be able to understand basics of Networking	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
10					60	CO2	Students will be able to do socket programming in C	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
10					60	CO3	Students will be able to do socket programming in Python.	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
10					60	CO4	Students will be able to understand the basic and advanced data structures required for Network programming	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H
10					60	CO5	Students will be able to programming at multiple layers in the TCP/IP network stack	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H
10					60	CO6	Students will get basics of upper layer protocols in programmatic manner e.g. FTP etc.	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
11	SEM II	030143203 - PP	T3432	Secure Software Engineering	60	CO1	To understand importance of secure software Engineering in software development Environment	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
11					60	CO2	To understand mobile and web security issues.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
11					60	CO3	To understand different security testing	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M
12	SEM II	030143204 - PP	T3426	Windows Server Essentials	60	CO1	To understand windows server	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
12					60	CO2	To discuss various services in windows server	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
12					60	CO3	To explain server configuration and management	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
12					60	CO4	To discuss data protection and security issues	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
12					60	CO5	Students will learn windows server management	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
13	SEM II	030143205 - PP	T3546	Cloud Architecture	60	CO1	Students will be able to understand the need of the cloud computing , Design of Cloud Computing , Architecture and Operational Influences; How Cloud Computing affects business,agility mobility and effectiveness	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
13					60	CO2	Students will be able to understand the virtualization , Delivery and deployment models of cloud, Design aspect of each model.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
13					60	CO3	Students will be able to develop the thought process for SAAS and PAAS for the analysis towards the Threats in Model, Service Oriented Architecture, Interoperability.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
13					60	CO4	Understanding IaaS Resource Virtualization wrt Storage,Network and Compute approaches;	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
13					60	CO5	Understanding the design of restful services and its impact on cloud security.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
13					60	CO6	Students will be able to understand importance of Various Auditing techniques in cloud , privacy and security.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
14	SEM II	030143206 - PP	T3701	Dissertation	60	CO1	To study an existing or new system	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
14					60	CO2	To analyse the system	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
21	SEM II	030143213 - PP	T3420	Essentials of Vulnerability Assessment and Penetration Testing	60	CO1	To understand Vulnerability Assessment and Penetration testing	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
21					60	CO2	To understand attacks and threat	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L
21					60	CO3	To understand various protocols	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
21					60	CO4	To make them understand packet analysis and Sniffing	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
21					60	CO5	To make them understand Authentication and passwords	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
22	SEM II	030143214 - PP	T3416	Computer Forensic - Detection & Prevention of Frauds	60	CO1	At the end of this course students will be able to differentiate among the various applications of the different data models.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
22					60	CO2	Students will be able to develop the model and thereafter normalize the respective data.	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
22					60	CO3	Students will be able to understand the relationship between Relation and Set Theory.	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
22					60	CO4	Students will be able to understand the basic and advanced concepts of query processing which includes joins, subqueries and correlated sub queries.	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
22					60	CO5	Data is an asset; Students will learn and apply the transaction, recovery and security concepts for the data.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
22					60	CO6	Students will get introductory knowledge of the recent trends in the database wrt the data warehousing and OLAP	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
23	SEM III	030143301 - PP	T3343	Linux Security	60	CO1	Students will Basic concepts of security in an IT infrastructure	-	-	Strong-H	Strong-H	-	-
23					60	CO2	Students will be able to implement/enhance basics security on a Linux System i.e. harden a Linux OS	-	-	Strong-H	-	-	-
23					60	CO3	Student will be able to understand and enhance security of different servers that run on Linux i.e. MySQL, web server, ssh etc	-	-	Strong-H	-	-	-
23					60	CO4	Student will be able to understand and use tool to enhance security by implementing more access control and security tools I.e. firewalls, WAF PAM, SELinux etc	-	-	Strong-H	-	-	-
23					60	CO5	Student will be able to understand the concepts and importance monitoring the system via different tools and understand log file to gain more insight to security	-	-	Strong-H	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
24	SEM III	030143302 - PP	T3341	Windows Security	60	CO1	To equip students with knowledge and skill about securing and hardening of windows servers and services	-	-	Strong-H	Strong-H	-	-
24					60	CO2	To understand different types of firewall with its configuration	-	-	Strong-H	-	-	-
24					60	CO3	To Manage and configure different types of security polices related to windows operating system using windows security management tools	-	-	Strong-H	-	-	-
24					60	CO4	The course will cover configuration and management of Internet Information services server for understanding web server security	-	-	Strong-H	-	-	-
24					60	CO5	The course introduces file system and active directory services security concepts for managing windows server security	-	-	Strong-H	-	-	-
25	SEM III	030143303 - PP	T3421	Infrastructure Security	60	CO1	Understand the concepts of Infrastructure Security	-	-	Strong-H	Strong-H	-	-
25					60	CO2	Understand a variety of Security threats to the network infrastructure	-	-	Strong-H	-	-	-
25					60	CO3	Identify and analyze security related problems in the current infrastructure	-	-	Strong-H	-	-	-
25					60	CO4	Build and implement appropriate security solution to mitigate anticipated threats and to resolve any security problems	-	-	Strong-H	-	-	-
25					60	CO5	Learn to monitor/audit the implemented security solutions and thereby increase their effectiveness	-	-	Strong-H	-	-	-
26	SEM III	030143304 - PP	T3412	Cloud Security	60	CO1	Basics of security	-	-	-	Strong-H	-	-
26					60	CO2	Understanding vulnerability and threats for cloud computing	-	-	-	Strong-H	-	-
26					60	CO3	Understanding cloud security	-	-	-	-	Strong-H	-
26					60	CO4	Case studies	-	-	Strong-H	-	-	-
27	SEM III	030143305 - PP	T3413	Embedded Systems Security	60	CO1	Understanding of embedded systems and associated security issues	-	-	Strong-H	-	-	-
27					60	CO2	Understanding of common vulnerabilities of embedded system	-	-	Strong-H	Strong-H	-	-
27					60	CO3	Get introduced to Embedded Cryptography	-	-	Strong-H	-	-	-
27					60	CO4	Get introduced to Data Protection Protocols for Embedded Systems.	-	-	Strong-H	-	-	-
27					60	CO5	Get Introduced to System Software Consideration for Embedded systems	-	-	Strong-H	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
28	SEM III	030143306 - PP	T3427	Storage Management and Security	60	CO1	Understand the storage devices and technologies	-	Strong-H	-	-	-	-
28					60	CO2	Understand requirements of organizations from storage	-	-	Strong-H	-	-	-
28					60	CO3	Understand and implement various technologies available to provide high performance and availability	-	-	Strong-H	-	-	-
28					60	CO4	Understand the advantages of using cloud storage	-	-	Strong-H	-	-	-
28					60	CO5	Understand the security requirements of storage devices and technologies	-	-	Strong-H	-	-	-
29	SEM III	030143307 - PP	T3031	BCM DR and Crisis Response Management	60	CO1	To make student understand Business continuity	-	-	Strong-H	-	-	-
29					60	CO2	To explain fundamental BCM principles and concepts	-	-	Strong-H	-	-	-
29					60	CO3	To explain international standards and best practice	-	-	Strong-H	-	-	-
29					60	CO4	To make them aware on key role players for BCM roles and responsibilities	-	-	Strong-H	-	-	-
29					60	CO5	To explain Crisis Response Management	-	-	Strong-H	-	-	-
30	SEM III	030143308 - PP	T3428	IT Project Management	60	CO1	Project Management Fundamentals	-	-	-	-	-	Strong-H
30					60	CO2	Scheduling a Project and Managing Cost and Scope	-	-	-	-	-	Strong-H
30					60	CO3	Project Testing	-	-	-	-	-	Strong-H
30					60	CO4	Managing Risk in a Project	-	-	-	-	-	Strong-H
30					60	CO5	System security	-	-	-	-	-	Strong-H
31	SEM III	030143309 - PP	T3408	Foundations of Distributed Systems	60	CO1	The students will explain various deisng goals and challenges for Distributed Systems.	-	-	-	Strong-H	-	-
31					60	CO2	The students will be able to correlate the different types of Dsitributed Objects, DFS and naming services.	-	-	-	-	Strong-H	-
31					60	CO3	The students will be able to understand about process synchronizatio and time related issues.	-	-	-	-	Strong-H	-
31					60	CO4	The students will be able to know the techniques for distributed transactions and Concurrency control	-	-	-	Strong-H	-	-

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32	SEM III	030143310 - PP	T3802	Pilot Project	60	CO1	To Analyze research problems or industrial problems	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
32					60	CO2	To implement the security skills in the project	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
32					60	CO3	To design and develop project	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
32					60	CO4	To document and test the developed code	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
32					60	CO5	To understand productivity in outcomes of project	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
33	SEM III	030143311 - PP	T3278	Applied Cryptography	60	CO1	To provide the insights on cryptography and practical cryptographic implementations.	-	-	Strong-H	Strong-H	Strong-H	-
33					60	CO2	To describe how crypto is implemented at various levels of computing and networks and where to look for gaps and flaws in implementations.	-	-	Strong-H	Strong-H	Strong-H	-
34	SEM III	030143312 - PP	T3414	Database Security & Performance Tuning	60	CO1	Security Models, Need of security in databases, Database Profiles, Roles, Privileges and Password Management	Strong-H	-	-	-	-	-
34					60	CO2	Understanding Sql queries, relationships and Joins	-	Strong-H	-	-	-	-
34					60	CO3	Optimizing queries, understanding performance metrics related to database, SQL execution Plan	-	-	-	-	Strong-H	-
34					60	CO4	SQL Injection and it's types. Understanding database memory management	-	-	-	-	Strong-H	-
34					60	CO5	Case Study on Business Requirements vs Performance tuning	-	-	-	Strong-H	-	-
35	SEM III	030143313 - PP	T3430	System Audit	60	CO1	To Understand system audit functions and its necessity	-	-	Strong-H	Strong-H	Strong-H	-
35					60	CO2	To known the purpose of controls in information systems.	-	-	Strong-H	Strong-H	Strong-H	-
35					60	CO3	To address basic issues in system audit	-	-	Strong-H	Strong-H	Strong-H	-
36	SEM III	030143314 - PP	T3415	IS Risk Analysis	60	CO1	To understand the requirements for security in any government agency or business organization through the use of case studies.	-	-	Strong-H	Strong-H	Strong-H	-
37	SEM III	030143315 - PP	T3418	Advanced Vulnerability Assessment and Penetration Testing	60	CO1	Students would have a basic understanding of Vulnerability Research, Exploit Development and their options in terms of career options.	-	-	-	Strong-H	-	-
37					60	CO2	Students would have a basic understanding of security testing process, Methodology, Written Contract, Open source tools, False positives and Reporting	-	-	-	Strong-H	-	-
37					60	CO3	Students would have a basic understanding of Information Gathering techniques including active information gathering and passive information gathering.	-	-	Strong-H	Strong-H	-	-

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37					60	CO4	Students would have a basic understanding of Web Application Level Vulnerability including the OWASP Top 10	-	-	-	Strong-H	-	-
37					60	CO5	Students will be able to understand how a buffer overflow works, How to fuzz a program and develop a basic exploit for the same.	-	-	-	Strong-H	-	-
37					60	CO6	Students will be able to understand how tools like Nessus and Metasploit can be used to exploit vulnerable services.	-	-	-	Strong-H	-	-
38	SEM III	030143316 - PP	T3417	Mobile and Digital Forensics	60	CO1	To understand the working and investigation of live systems	-	-	-	Strong-H	-	-
38					60	CO2	To understand the working and investigation of mobile devices	-	-	-	Strong-H	-	-
39	SEM IV	030143401 - PP	T3911	Industry Internship	60	CO1	To provide industrial exposure to students	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
39					60	CO2	To provide platform for the students to showcase the skills	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
39					60	CO3	To solve complex industrial problems	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
39					60	CO4	To implement there knowledge	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
39					60	CO5	To learn hands on during knowledge form industrial experts	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA2	Global citizenship: ethical, social and professional understanding	PO1	Elicit & illuminate life style factors and practices, which impact the continuum of health.
2	GA2	Global citizenship: ethical, social and professional understanding	PO2	Provide nursing care based on steps of nursing process in collaboration with the individuals and groups.
3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	Demonstrate critical thinking skills in making decision in all situations in order to provide quality care to the clients
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	Utilize the latest trends and technology in providing health care.
5	GA2	Global citizenship: ethical, social and professional understanding	PO5	Provide promotive, preventive, restorative and rehabilitative health services in line with the national health policies and programs.
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	Apply knowledge from physical, biological and behavioral sciences, medicine, including alternative systems of medicine and nursing in providing to care individuals, families and communities
7	GA2	Global citizenship: ethical, social and professional understanding	PO7	Practice within the framework of code of ethics and professional conduct and acceptable standards of practice within the legal boundaries and comply to the Statutory & Professional bodies.
8	GA3	Eco-literate: sensitivity towards a sustainable environment	PO8	Communicate effectively with individuals and groups and members of the health team in order to promote effective interpersonal relationships and teamwork.
9	GA1	Scholarship: research, inquiry and lifelong learning	PO9	Demonstrate skills in teaching to individuals and groups in clinical/ community health settings.
10	GA1	Scholarship: research, inquiry and lifelong learning	PO10	Participate effectively as members of the health team in health care delivery system.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
1	YEAR 1	040221101-PP	T4243	English	60	CO1	To Develop good vocabulary skills or better communication	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
1					60	CO2	To Effectively communicates with patients while rendering care	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
1					60	CO3	To Understands methods of writing and drafting letters in English.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
1					60	CO4	To Effectively communicates with patients while rendering care.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L

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1					60	CO5	To plan and write effective nursing process and records	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
2	YEAR 1	040221102 - PP	T4244	Anatomy	60	CO1	Describe the general structure and functions of the body as a whole.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
2					60	CO2	Describe the general and microscopic structure and functions of each system of the body.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
2					60	CO3	Explain the macroscopic and microscopic structure and functions of each organs of the body.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
2					60	CO4	Understand the effects of alterations in structures and functions of as whole.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
2					60	CO5	Apply the knowledge of anatomy and physiology in the practice of nursing.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
3	YEAR 1	040221102 - PP	T4244	Physiology	60	CO1	Describe the general structure and functions of the body as a whole.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
3					60	CO2	Describe the general and microscopic structure and functions of each system of the body.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
3					60	CO3	Explain the macroscopic and microscopic structure and functions of each organs of the body.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
3					60	CO4	Understand the effects of alterations in structures and functions of as whole.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
3					60	CO5	Apply the knowledge of anatomy and physiology in the practice of nursing.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
4	YEAR 1	040221103 - PP	T4245	Nutrition	60	CO1	To Understand the concept of nutrition and health	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO2	Understand different types of nutrients, their importance, sources, functions and problems due to deficiency	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
4					60	CO3	To plan balanced diet for individuals and groups	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO4	Plan menu efficiently	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO5	Explain methods of effective cooking and food preservation	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO6	Apply the principles of food preparation in the practical field effectively	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO7	To understand normal biochemistry of human body	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO8	To understand biochemical changes occurring in illness	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO9	To assist with simple biochemical test, interpret the results and draw inference	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO10	Describe the mechanisms involved in maintenance of body fluids along with electrolytes	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO11	To understand the concepts of laboratory medicine	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
5	YEAR 1	040221103 - PP	T4245	Biochemistry	60	CO1	To Understand the concept of nutrition and health	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
5					60	CO2	Understand different types of nutrients, their importance, sources, functions and problems due to deficiency	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
5					60	CO3	To plan balanced diet for individuals and groups	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
5					60	CO4	Plan menu efficiently	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
5					60	CO5	Explain methods of effective cooking and food preservation	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
5					60	CO6	Apply the principles of food preparation in the practical field effectively	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
5					60	CO7	To understand normal biochemistry of human body	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L

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5					60	CO8	To understand biochemical changes occurring in illness	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
5					60	CO9	To assist with simple biochemical test, interpret the results and draw inference	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
5					60	CO10	Describe the mechanisms involved in maintenance of body fluids along with electrolytes	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
6	YEAR 1	040221104 - PP	T4246	Nursing Foundations (Theory)	60	CO1	Understand concept of health, health-illness continuum and health care delivery system	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
6					60	CO2	Comprehend and discuss the Scope of nursing practice.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
6					60	CO3	Understand concept, theories and models of nursing practice.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
6					60	CO4	Discuss the attitude to ethics and professional conduct.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
6					60	CO5	Demonstrate Skill in communicating effectively with patients and families and team members to maintain effective human relations	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
6					60	CO6	Develop the understanding in caring of terminally ill patients.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
7	YEAR 1	040221105 - PP	T4247	Psychology	60	CO1	Understand herself and others	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
7					60	CO2	Apply principles of psychology while performing Nursing care of individual and families.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
7					60	CO3	Analyze her own thought and behavior patterns.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
7					60	CO4	Use psychological principles to improve her efficiency in nursing care.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
7					60	CO5	Distinguish psychological processes during health and illness.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
7					60	CO6	Plan Nursing Care with regard to psychological needs and concerns. & Participate in psychological assessment of patients.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
8	YEAR 1	040221106 - PP	T4248	Microbiology	60	CO1	Introduction	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
8					60	CO2	General Characteristics of Microbes	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
8					60	CO3	Infection control	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
8					60	CO4	Pathogenic organisms	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
8					60	CO5	Immunity	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
9	YEAR 1	040221107 - PP	T4249	Introduction to Computers	60	CO1	Introduction	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
9					60	CO2	To understand the disk operating system	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
9					60	CO3	Understand about Multimedia and computer aided teaching and testing	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
9					60	CO4	Discuss the use of Internet and Email	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
9					60	CO5	Discuss and demonstrate statistical packages and their features	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
9					60	CO6	Develop the understanding of Hospital management system types and uses	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
10	YEAR 1	040221108 - PR	T4246	Nursing Foundation(Practical)	60	CO1	Understand concept of health, health-illness continuum and health care delivery system	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
10					60	CO2	Comprehend and discuss the Scope of nursing practice.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
10					60	CO3	Understand concept, theories and models of nursing practice.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
10					60	CO4	Discuss the attitude to ethics and professional conduct.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
10					60	CO5	Demonstrate Skill in communicating effectively with patients and families and team members to maintain effective human relations	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
10					60	CO6	Develop the understanding in caring of terminally ill patients.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
11	YEAR 2	040221201-PP	T4250	Sociology	60	CO1	Describe sociological concepts applicable to nursing	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
11					60	CO2	Elaborate the inter-relationship of individual in society and community	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
11					60	CO3	Determine role of sociology in nursing as related to social institutes in India	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
11					60	CO4	Explain the growth of population in India and its impact on health	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
11					60	CO5	Develop positive attitudes towards individual family and community	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
11					60	CO6	Describe the role of the nurse in dealing with social problems in India	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
12	YEAR 2	040221202-PP	T4251	Pharmacology	60	CO1	Explain nature, principles and perspectives of heredity	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
12					60	CO2	Explain maternal prenatal and genetic influences on development of defects and diseases	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
12					60	CO3	Ex[plain the screening methods for genetic defects and diseases in newborn and children	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
12					60	CO4	Identify genetic disorders in adolescents and adults	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
12					60	CO5	Describe the role of nurse in genetic services and counselling	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L

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12					60	CO6	Describe the laboratory tests for examination of Urine and faeces	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	
12					60	CO7	Drugs used for hormonal disorder and supplemetation ,contraception and medical termination of preganacy	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
12					60	CO8	Introduction to drugs used in alternative system of medicine	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
13	YEAR 2	040221202 - PP	T4251	Pathology	60	CO1	"Define the common terms used in pathology.Appreciate thedeviations from normal to abnormal structure andfunctions of the body system."	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
13					60	CO2	"Define the common terms used in pathology.Appreciate thedeviations from normal to abnormal structure andfunctions of the body system."	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
13					60	CO3	Explain Pathological changes in diseasen conditions of various systems	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
13					60	CO4	Describe various laboratory tests in assessment and monitoring of disease conditions	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
13					60	CO5	Describe the laboratory tests for examination of body cavity fluids, transudates andexudates	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	
13					60	CO6	Describe the laboratory tests for examination of Urine and faeces	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	
14	YEAR 2	040221202 - PP	T4251	Genetics	60	CO1	Explain nature, principles and perspectives of heredity	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	
14					60	CO2	Explain maternal prenatal and genetic influences on development of defects and diseases	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	

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14					60	CO3	Explain the screening methods for genetic defects and diseases in newborn and children	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
14					60	CO4	Identify genetic disorders in adolescents and adults	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
14					60	CO5	Describe the role of nurse in genetic services and counselling	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
15	YEAR 2	040221203 - PP	T4252	Medical - Surgical Nursing I (Theory)	60	CO1	Explain the causes, patho-physiology, symptoms, treatment and prophylactic measures in common medical and surgical conditions affecting various systems of the body	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
15					60	CO2	Provide patient-centered nursing care to adult patients with common medical and surgical conditions affecting various systems of the body	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
15					60	CO3	Describe the Infection control practices in the Operation Theatre and describe the role of Nurse in Pre-operative Care of patient.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
15					60	CO4	Prepare operation theatre for surgery and assist in operative procedures.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
15					60	CO5	Counsel And educate patients and families	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
16	YEAR 2	040221204 - PP	T4253	Community Health Nursing -I (Theory)	60	CO1	Understand the concept of community health nursing and know the various dimensions and determinants of health.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
16					60	CO2	Recognize the scope, uses and methods of epidemiological approach of both communicable and non-communicable diseases in the community.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
16					60	CO3	Describe the demographic concepts, analyze and interpret demographic data and identify causes of population explosion	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
16					60	CO4	Function effectively in the society as community health nurses using knowledge of epidemiology for management of common communicable and non-communicable diseases.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
17	YEAR 2	040221204 - PR	T4253	Community Health Nursing- I (Practical)	60	CO1	Understand the concept of community health nursing and know the various dimensions and determinants of health.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
17					60	CO2	Recognize the scope, uses and methods of epidemiological approach of both communicable and non-communicable diseases in the community.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
17					60	CO3	Describe the demographic concepts, analyze and interpret demographic data and identify causes of population explosion	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
17					60	CO4	Function effectively in the society as community health nurses using knowledge of epidemiology for management of common communicable and non-communicable diseases.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
18	YEAR 2	040221205 - PP	T4254	Communication and Educational technology	60	CO1	Establish effective interpersonal relations with patients ,families and coworkers	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
18					60	CO2	Develop basic skill of counselling and guidance	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L

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18					60	CO3	Describe the philosophy and principles of education	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
18					60	CO4	Explain the teaching learning process	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
18					60	CO5	Demonstrate teaching skill using various teaching methods in clinical, classroom and community settings	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
18					60	CO7	Prepare different types of questions for assessment of knowledge skills and attitudes	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
19	YEAR 2	040221206 - PR	T4252	Medical - Surgical Nursing- I (Practical)	60	CO1	Explain the causes, patho-physiology, symptoms, treatment and prophylactic measures in common medical and surgical conditions affecting various systems of the body	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
19					60	CO2	Provide patient-centered nursing care to adult patients with common medical and surgical conditions affecting various systems of the body	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
19					60	CO3	Describe the Infection control practices in the Operation Theatre and describe the role of Nurse in Pre-operative Care of patient.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
19					60	CO4	Prepare operation theatre for surgery and assist in operative procedures.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
19					60	CO5	Counsel And educate patients and families	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
20	YEAR 3	040221301 - PP	T4255	Medical Surgical Nursing II (Theory)	60	CO1	Describe the etiology, patho- physiology, clinical manifestation s, diagnostic measures and management of patients with disorders of Ear Nose and Throat and Eye.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
20					60	CO2	Describe the etiology, pathophysiology, clinical manifestations diagnostic measures and nursing management of patients with disorders of female reproductive system and concepts of reproductive health and family welfare programe.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
20					60	CO3	Describe the etiology, patho physiology, clinical manifestations diagnostic measures and nursing management of patients with neurological disorders	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
20					60	CO4	Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and nursing management of patients with Burns, reconstructive and cosmetic surgery and occupational and industrial health disorder.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
20					60	CO5	Describe the role of nurse in disaster , common Emergencies and in care of the elderly. Describe organization of critical care units	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
21	YEAR 3	040221302 - PP	T4256	Child Health Nursing (Theory)	60	CO1	Explain the modern concept of child care and principles of child health nursing	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
21					60	CO2	Describe the major functions and role of the pediatric nurse in caring for a hospitalized child	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
21					60	CO3	Describe the normal growth and development and needs including nutritional of children at different ages and provide parental guidance	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
21					60	CO4	Appreciate the role of play for normal and sick children	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
21					60	CO5	Appreciate the preventive measures and strategies for children including immunization	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
21					60	CO6	Provide care to normal and high risk neonates and manage common neonatal problems	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
21					60	CO7	Perform neonatal resuscitation	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
21					60	CO8	Provide nursing care in common childhood diseases	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
21					60	CO9	Manage the child with behavioural and social problems and identify the social and welfare services for challenged children	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
21					60	CO10	Manage the child with behavioural and social problems and identify the social and welfare services for challenged children	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
22	YEAR 3	040221303 - PP	T4257	Mental Health Nursing (Theory)	60	CO1	Discuss the psychopharmacological agents, their effects and nurses role	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
22					60	CO2	Demonstrate therapeutic communications skills in all interactions	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
22					60	CO3	Demonstrate the role of psychiatric nurse practitioner in various therapeutic modalities	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
22					60	CO4	Describe various types of alternative system of medicines used in psychiatric settings	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
22					60	CO5	Apply the nursing process approach in caring for patients with mental disorders	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
23	YEAR 3	040221304 - PP	T4261	Nursing research and statistics	60	CO1	Understand the Basic concept of research and need of the reasearch in Nursing	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M

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23					60	CO2	Comprehend and discuss the nursing research process overall	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
23					60	CO3	Explain and understanding of basic cstatistics.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
24	YEAR 3	040221305 - PR	T4255	Medical Surgical Nursing II (Practical)	60	CO1	Describe the etiology, patho- physiology, clinical manifestation s, diagnostic measures and management of patients with disorders of Ear Nose and Throat and Eye.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
24					60	CO2	Describe the etiology, pathophysiology, clinical manifestations diagnostic measures and nursing management of patients with disorders of female reproductive system and concepts of reproductive health and family welfare programe.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
24					60	CO3	Describe the etiology, patho physiology, clinical manifestations diagnostic measures and nursing management of patients with neurological disorders	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
24					60	CO4	Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and nursing management of patients with Burns, reconstructive and cosmetic surgery and occupational and industrial health disorder.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
24					60	CO5	Describe the role of nurse in disaster , common Emergencies and in care of the elderly. Describe organization of critical care units	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
25	YEAR 3	040221306 - PR	T4256	Child Health Nursing (Practical)	60	CO1	Explain the modern concept of child care and principles of child health nursing	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
25					60	CO2	Describe the major functions and role of the pediatric nurse in caring for a hospitalized child	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
25					60	CO3	Describe the normal growth and development and needs including nutritional of children at different ages and provide parental guidance	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
25					60	CO4	Appreciate the role of play for normal and sick children	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
25					60	CO5	Appreciate the preventive measures and strategies for children including immunization	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
25					60	CO6	Provide care to normal and high risk neonates and manage common neonatal problems	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
25					60	CO7	Perform neonatal resuscitation	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
25					60	CO8	Provide nursing care in common childhood diseases	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
25					60	CO9	Manage the child with behavioural and social problems and identify the social and welfare services for challenged children	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
26	YEAR 3	040221307 - PR	T4257	Mental Health Nursing (Practical)	60	CO1	Discuss the psychopharmacological agents, their effects and nurses role	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
26					60	CO2	Demonstrate therapeutic communications skills in all interactions	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
26					60	CO3	Demonstrate the role of psychiatric nurse practitioner in various therapeutic modalities	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
26					60	CO4	Describe various types of alternative system of medicines used in psychiatric settings	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
26					60	CO5	Apply the nursing process approach in caring for patients with mental disorders	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
27	YEAR 3	040221308 - PP	T6523	Basic French - I	60	CO1	To understand and listen basic French	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
27					60	CO2	To speak basic French	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
27					60	CO3	To read basic French	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
27					60	CO4	To write basic French	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
28	YEAR 3	040221309 - PP	T6184	Basic German - I	60	CO1	To understand and listen basic French	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
28					60	CO2	To speak basic French	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
28					60	CO3	To read basic French	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
28					60	CO4	To write basic French	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
29	YEAR 3	040221310 - PP	T4257	Integrated Disaster Management	60	CO1	Understand Disaster and Mngement of disaster	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
29					60	CO2	Discuss about environmental laws, rules and Audits	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
29					60	CO3	Introduction to handeling of Medical emergency	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
30	YEAR 4	040221401 - PP	T4258	Midwifery and Obstetric Nursing I (Theory)	60	CO1	Understand the trends & issues in Midwifery & Obstetrical nursing	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
30					60	CO2	Describe the anatomy & physiology of female reproductive system	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
30					60	CO3	Describe diagnosis & management of women during antenatal period,physiology ,stages of labour & management of women during intranatal period,Management of women during postnatal period & management of postnatal complication	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
30					60	CO4	Discuss the assessment and management of normal neonate, Identify the High risk neonates & their nursing management	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
30					60	CO5	Describe the identification and management of women with high risk pregnancy, Abnormal Labour assessment	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
30					60	CO6	Explain the Pharmacotherapeutics in Obstetrics and Family welfare services	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
31	YEAR 4	040221402 - PP	T4260	Community Health Nursing- II (Theory)	60	CO1	Understand the concept, scope, principles and historical development of Community health and community health nursing.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
31					60	CO2	Appreciate the national health planning, policies, problems and various National Health Programmes.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
31					60	CO3	Recognize and describe the health care delivery system of urban and rural India	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
31					60	CO4	Develop an insight and understanding about various nursing theories and its Application in community health nursing practice	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
31					60	CO5	Participate in assisting individuals, families and groups to promote and Maintain their health and empower them to care for themselves.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
31					60	CO6	Understand the health agencies at the international and national level.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
32	YEAR 4	040221403 - PP	T4262	Management of Nursing Services and Education	60	CO1	Understand the principles,elements and process and functions of management	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
32					60	CO2	Appreciate the management of nursing services in the hospital and community.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
32					60	CO3	Apply the concepts, theories and techniques of organizational behaviour and human relations	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
32					60	CO4	Develop skills in planning and organizing in service education and management of nursing educational institutions.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
32					60	CO5	Describe the ethical and legal responsibilities of a professional nurse and various opportunities for professional advancement.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
33	YEAR 4	040221404 - PR	T4267	Midwifery and Obstetric Nursing I (Practical)	60	CO1	Understand the trends & issues in Midwifery & Obstetrical nursing	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
33					60	CO2	Describe the anatomy & physiology of female reproductive system	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
33					60	CO3	Describe diagnosis & management of women during antenatal period,physiology ,stages of labour & management of women during intranatal period,Management of women during postnatal period & management of postnatal complication	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
33					60	CO4	Discuss the assessment and management of normal neonate,Identify the High risk neonates & their nursing management	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
33					60	CO5	Describe the identification and management of women with high risk pregnancy, Abnormal Labour assessment	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
33					60	CO6	Explain the Pharmacotherapeutics in Obstetrics and Family welfare services	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
34	YEAR 4	040221405 - PR	T4260	Community Health Nursing- II (Practical)	60	CO1	Understand the concept, scope, principles and historical development of Community health and community health nursing.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
34					60	CO2	Appreciate the national health planning, policies, problems and various National Health Programmes.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
34					60	CO3	Recognize and describe the health care delivery system of urban and rural India	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
34					60	CO4	Develop an insight and understanding about various nursing theories and its Application in community health nursing practice	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
34					60	CO5	Participate in assisting individuals, families and groups to promote and Maintain their health and empower them to care for themselves.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
34					60	CO6	Understand the health agencies at the international and national level.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
35	YEAR 4	040221406 - PR	T8004	Service Learning	60	CO1	Understand the concept of Service learning	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
35					60	CO2	Discuss the ways of doing activities and evaluating it	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
35					60	CO3	Participating in community level activities	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
36	YEAR 4	040221407 - PR	T4263	Midwifery and Obstetric Nursing (Internship)	60	CO1	Understand the trends & issues in Midwifery & Obstetrical nursing	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
36					60	CO2	Describe the anatomy & physiology of female reproductive system	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
36					60	CO3	Describe diagnosis & management of women during antenatal period,physiology ,stages of labour & management of women during intranatal period,Management of women during postnatal period & management of postnatal complication	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
36					60	CO4	Discuss the assessment and management of normal neonate,Identify the High risk neonates & their nursing management	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
36					60	CO5	Describe the identification and management of women with high risk pregnancy,Abnormal Labour assessment	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
36					60	CO6	Explain the Pharmaco-Therapeutics in Obstetrics and Family welfare services	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
37	YEAR 4	040221408 - PR	T4264	Community Health Nursing- (Internship)	60	CO1	Understand the concept, scope, principles and historical development of Community health and community health nursing.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
37					60	CO2	Appreciate the national health planning, polices, problems and various National Health Programmes.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
37					60	CO3	Recognize and describe the health care delivery system of urban and rural India	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
37					60	CO4	Develop an insight and understanding about various nursing theories and its Application in community health nursing practice	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
37					60	CO5	Participate in assisting individuals, families and groups to promote and Maintain their health and empower them to care for themselves.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
37					60	CO6	Understand the health agencies at the international and national level.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
38	YEAR 4	040221409 - PR	T4265	Medical - Surgical Nursing (Internship)	60	CO1	Describe the etiology, patho- physiology, clinical manifestation s, diagnostic measures and management of patients with disorders of Ear Nose and Throat and Eye.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
38					60	CO2	Describe the etiology, pathophysiology, clinical manifestations diagnostic measures and nursing management of patients with disorders of female reproductive system and concepts of reproductive health and family welfare programe.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
38					60	CO3	Describe the etiology, patho physiology, clinical manifestations diagnostic measures and nursing management of patients with neurological disorders	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
38					60	CO4	Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and nursing management of patients with Burns, reconstructive and cosmetic surgery and occupational and industrial health disorder.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
38					60	CO5	Describe the role of nurse in disaster , common Emergencies and in care of the elderly. Describe organization of critical care units	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
39	YEAR 4	040221410 - PR	T4266	Child Health (Internship)	60	CO1	Explain the modern concept of child care and principles of child health nursing	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
39					60	CO2	Describe the major functions and role of the pediatric nurse in caring for a hospitalized child	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
39					60	CO3	Describe the normal growth and development and needs including nutritional of children at different ages and provide parental guidance	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
39					60	CO4	Appreciate the role of play for normal and sick children	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
39					60	CO5	Appreciate the preventive measures and strategies for children including immunization	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
39					60	CO6	Provide care to normal and high risk neonates and manage common neonatal problems	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
40	YEAR 4	040221411 - PR	T4267	Mental Health Nursing (Internship)	60	CO1	Describe the etiology, patho- physiology, clinical manifestation s, diagnostic measures and management of patients with disorders of Ear Nose and Throat and Eye.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
40					60	CO2	Describe the etiology, pathophysiology, clinical manifestations diagnostic measures and nursing management of patients with disorders of female reproductive system and concepts of reproductive health and family welfare programe.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
40					60	CO3	Describe the etiology, patho physiology, clinical manifestations diagnostic measures and nursing management of patients with neurological disorders	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
40					60	CO4	Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and nursing management of patients with Burns, reconstructive and cosmetic surgery and occupational and industrial health disorder.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
40					60	CO5	Describe the role of nurse in disaster , common Emergencies and in care of the elderly. Describe organization of critical care units	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
40					60	CO6	Manage the patients with various mental disorders.	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis College of Nursing Programme Name : Master of Science (Nursing)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Elicit & illuminate life style factors and practices, which impact the continuum of health.
2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	Provide nursing care based on steps of nursing process in collaboration with the individuals and groups.
3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	Demonstrate critical thinking skills in making decision in all situations in order to provide quality care to the clients
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	Utilize the latest trends and technology in providing health care.

5	GA3	Eco-literate: sensitivity towards a sustainable environment	PO5	Provide promotive, preventive, restorative and rehabilitative health services in line with the national health policies and programs.
6	GA3	Eco-literate: sensitivity towards a sustainable environment	PO6	Apply knowledge from physical, biological and behavioral sciences, medicine, including alternative systems of medicine and nursing in providing to care individuals, families and communities
7	GA2	Global citizenship: ethical, social and professional understanding	PO7	Practice within the framework of code of ethics and professional conduct and acceptable standards of practice within the legal boundaries and comply to the Statutory & Professional bodies.
8	GA1	Scholarship: research, inquiry and lifelong learning	PO8	Communicate effectively with individuals and groups and members of the health team in order to promote effective interpersonal relationships and teamwork.
9	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO9	Demonstrate skills in teaching to individuals and groups in clinical/ community health settings.
10	GA2	Global citizenship: ethical, social and professional understanding	PO10	Participate effectively as members of the health team in health care delivery system.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
1	YEAR 1	040242101-PP	T4284	Nursing Education (Theory)	100	CO1	Students should explain the aims of education, philosophies, trends in education and health: its impact on nursing education.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
1					100	CO2	Students should be able to Describe the teaching learning process and Demonstrate competency in teaching, using various instructional strategies	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
1					100	CO3	Students should be able to Prepare and utilize various instructional media and methods in teaching learning process	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
1					100	CO4	Students should Critically analyze the existing nursing educational programs, their problems, evaluation systems, issues and future trends Research Priorities and conduct continuing nursing education programs.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
1					100	CO5	Students should be able to describe the process of curriculum development, and the need and methodology of curriculum change, innovation and integration. problems and issues related to administration of nursing curriculum and evaluation	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
1					100	CO6	Students should be able to Demonstrate skill in guidance and counselling.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
1					100	CO7	Students should be able to Explain the development of standards and accreditation process in nursing education and various models of collaboration in nursing education and services.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
1					100	CO8	Students should be able to Explain the concept, principles, steps, tools and techniques of evaluation and Construct, administer and evaluate various tools for assessment of knowledge, skill, and attitude.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
2	YEAR 1	040242101-PR	T4284	Nursing Education (Practical)	60	CO1	Students should explain the aims of education, philosophies, trends in education and health: its impact on nursing education.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
2					60	CO2	Students should be able to Describe the teaching learning process and Demonstrate competency in teaching, using various instructional strategies	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
2					60	CO3	Students should be able to Prepare and utilize various instructional media and methods in teaching learning process	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
2					60	CO4	Students should Critically analyze the existing nursing educational programs, their problems, evaluation systems, issues and future trends Research Priorities and conduct continuing nursing education programs.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
2					60	CO5	Students should be able to describe the process of curriculum development, and the need and methodology of curriculum change, innovation and integration. problems and issues related to administration of nursing curriculum and evaluation	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
2					60	CO6	Students should be able to Demonstrate skill in guidance and counselling.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
2					60	CO7	Students should be able to Explain the development of standards and accreditation process in nursing education and various models of collaboration in nursing education and services.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
2					60	CO8	Students should be able to Explain the concept, principles, steps, tools and techniques of evaluation and Construct, administer and evaluate various tools for assessment of knowledge, skill, and attitude.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
3	YEAR 1	040242102 - PP	T4285	Advance Nursing Practice	100	CO1	Appreciate and analyse the development of nursing as a profession and appreciate importance of self-development and professional advancement	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
3					100	CO2	Describe ethical, legal, political and economic aspects of health care delivery and nursing practice	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
3					100	CO3	Explain bio- psychosocial dynamics of health, life style and health care delivery system.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
3					100	CO4	Discuss concepts, principles, theories, scope, models, approaches relevant to nursing and their application.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
3					100	CO5	Provide holistic and competent nursing care following nursing process approach	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
3					100	CO6	Identify latest trends in nursing and the basis of advance nursing practice and describe alternative modalities of nursing care	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
3					100	CO7	Perform extended and expanded role of nurse	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
3					100	CO8	Describe the concept of quality control in nursing and identify the scope of nursing research	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
3					100	CO9	Use computer in patient care delivery system and nursing practice	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
4	YEAR 1	040242102 - PR	T4285	Advance Nursing Practice (Practical)	60	CO1	Appreciate and analyse the development of nursing as a profession and appreciate importance of self-development and professional advancement	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
4					60	CO2	Describe ethical, legal, political and economic aspects of health care delivery and nursing practice	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
4					60	CO3	Explain bio- psychosocial dynamics of health, life style and health care delivery system.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
4					60	CO4	Discuss concepts, principles, theories,scope , models, approaches relevant to nursing and their application.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
4					60	CO5	Provide holistic and competent nursing care following nursing process approach	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
4					60	CO6	Identify latest trends in nursing and the basis of advance nursing practice and describe alternative modalities of nursing care	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
4					60	CO7	Perform extended and expanded role of nurse	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
4					60	CO8	Describe the concept of quality control in nursing and identify the scope of nursing research	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
4					60	CO9	Use computer in patient care delivery system and nursing practice	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
5	YEAR 1	040242103 - PP	T4286	Nursing Research and Statistics	100	CO1	Students should Define basic research terms and concepts and do ROL	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
5					100	CO2	Students should Describe research methodology and Develop a research proposal.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
5					100	CO3	Students should Explain the basic concepts related to statistics	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
5					100	CO4	Students should Conduct a research study, Communicate, Utilize & evaluate research findings,	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
5					100	CO5	Students should Describe the scope of statistics in health and nursing (Descriptive and Inferential)	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
5					100	CO6	Students should Write scientific paper for publication	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
6	YEAR 1	040242103 - PR	T4286	Nursing Research and Statistics(Practical)	60	CO1	Students should Define basic research terms and concepts and do ROL	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
6					60	CO2	Students should Describe research methodology and Develop a research proposal.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
6					60	CO3	Students should Explain the basic concepts related to statistics	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
6					60	CO4	Students should Conduct a research study, Communicate, Utilize & evaluate research findings,	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
6					60	CO5	Students should Describe the scope of statistics in health and nursing (Descriptive and Inferential)	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
6					60	CO6	Students should Write scientific paper for publication	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
7	YEAR 1	040242104 - PP	T4287	Integrated Disaster Management	100	CO1	Understand Disaster and Mngement of disaster	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
7					100	CO2	Discuss about environmental laws, rules and Audits	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
7					100	CO3	Introduction to handeling of Medical emergency	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L

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8	YEAR 1	040242105 - PP	T4288	Medical - Surgical Nursing- I (Theory)	100	CO1	Students should Appreciate the trends & issues in the field of Medical - Surgical Nursing as a specialty.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
8					100	CO2	Students should Apply concepts & theories related to health promotion.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
8					100	CO3	Students should Appreciate the client as a holistic individual	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
8					100	CO4	Students should Perform physical, psychosocial assessment of Medical - Surgical patients.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
8					100	CO5	Students should Apply Nursing process in providing care to patients.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
9	YEAR 1	040242105 - PR	T4288	Medical - Surgical Nursing- I (Practical)	60	CO1	Students should Appreciate the trends & issues in the field of Medical - Surgical Nursing as a specialty.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
9					60	CO2	Students should Apply concepts & theories related to health promotion.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
9					60	CO3	Students should Appreciate the client as a holistic individual	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
9					60	CO4	Students should Perform physical, psychosocial assessment of Medical - Surgical patients.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
9					60	CO5	Students should Apply Nursing process in providing care to patients.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
10	YEAR 1	040242107 - PP	T4288	Mental Health (Psychiatric) Nursing - I (Theory)	100	CO1	Students should be able to understand the trends and issues in the field of psychiatry and psychiatric nursing	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M
10					100	CO2	Discuss the psychopharmacological agents, their effects and nurses role	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
10					100	CO3	Demonstrate therapeutic communications skills in all interactions	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M
10					100	CO4	Demonstrate the role of psychiatric nurse practitioner in various therapeutic modalities	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M
10					100	CO5	Describe various types of alternative system of medicines used in psychiatric settings	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M
10					100	CO6	Apply the nursing process approach in caring for patients with mental disorders	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M
10					100	CO7	Incorporate evidence based nursing practice in the field of psychiatric nursing	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M
11	YEAR 1	040242107 - PR	T4288	Mental Health (Psychiatric) Nursing - I (Practical)	60	CO1	"Students should be able to understand the trends and issues in the field of psychiatry and psychiatric nursing "	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
11					60	CO2	Discuss the psychopharmacological agents, their effects and nurses role	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
11					60	CO3	Demonstrate therapeutic communications skills in all interactions	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
11					60	CO4	Demonstrate the role of psychiatric nurse practitioner in various therapeutic modalities	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
11					60	CO5	Describe various types of alternative system of medicines used in psychiatric settings	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
11					60	CO6	Apply the nursing process approach in caring for patients with mental disorders	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
11					60	CO7	Incorporate evidence based nursing practice in the field of psychiatric nursing	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L

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12	YEAR 1	040242108 - PP	T4289	Community Health Nursing- I (Theory)	100	CO1	Appreciate role of individuals and families in promoting health of the Community and perform physical, developmental and nutritional assessment of individuals, families and groups by applying concepts of promotive, preventive, curative and rehabilitative aspects of health while providing care to the people.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M
12					100	CO2	Apply nursing process approach while providing care to individuals, families, groups and community by integrating recent technology and the concepts of family centered nursing approach while providing care to the community.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M
12					100	CO3	Incorporate evidence based nursing practice and identify the areas of research in the community settings and appreciate legal and ethical issues pertaining to community health nursing care.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M
12					100	CO4	Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and the national level and demonstrate leadership and managerial abilities in community health nursing practice and Conduct community health nursing care projects.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
12					100	CO5	Recognize and participate in the management of emergencies, epidemics and disasters and to coordinate and collaborate with various agencies operating in the community by using inter-sectoral approach.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M
13	YEAR 1	040242108 - PR	T4289	Community Health Nursing- I (Practical)	60	CO1	Appreciate role of individuals and families in promoting health of the Community and perform physical, developmental and nutritional assessment of individuals, families and groups by applying concepts of promotive, preventive, curative and rehabilitative aspects of health while providing care to the people.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
13					60	CO2	Apply nursing process approach while providing care to individuals, families, groups and community by integrating recent technology and the concepts of family centered nursing approach while providing care to the community.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
13					60	CO3	Incorporate evidence based nursing practice and identify the areas of research in the community settings and appreciate legal and ethical issues pertaining to community health nursing care.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
13					60	CO4	Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and the national level and demonstrate leadership and managerial abilities in community health nursing practice and Conduct community health nursing care projects.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
13					60	CO5	Recognize and participate in the management of emergencies, epidemics and disasters and to coordinate and collaborate with various agencies operating in the community by using inter-sectoral approach.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
14	YEAR 1	040242111 - PP	T4341	Obstetrics and Gynecological Nursing - I (Theory)	100	CO1	Understand the trends in the field of midwifery, Obstetrics and gynaecology as a specialty	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M
14					100	CO2	Appreciate the population dynamics and indicators of maternal and child health	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M
14					100	CO3	Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M
14					100	CO4	Provide comprehensive nursing care to women during reproductive period	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M
14					100	CO5	Integrate the concepts of family centered nursing care and nursing process approach in Obstetrics and gynecological nursing.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M

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14					100	CO6	Identify and analyze the deviations from normal birth process and refer appropriately.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
14					100	CO7	Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
14					100	CO8	Counsel adolescents, women and families on issues pertaining to pregnancy, child birth and lactation	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
14					100	CO9	Describe the role of various types of complementary and alternative therapies in Obstetrics and gynecological nursing	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
14					100	CO10	Incorporate evidence based nursing practice and identify the areas of research in the field of Obstetrics and gynecological nursing	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
14					100	CO11	Describe the recent advancement in contraceptive technology and birth control measures.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
15	YEAR 1	040242209 - PR	T4292	Obstetrics and Gynecological Nursing - I (Practical)	60	CO1	Appreciate the population dynamics and indicators of maternal and child health	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
15					60	CO2	Appreciate the population dynamics and indicators of maternal and child health	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
15					60	CO3	Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
15					60	CO4	Provide comprehensive nursing care to women during reproductive period	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
15					60	CO5	Integrate the concepts of family centered nursing care and nursing process approach in Obstetrics and gynecological nursing.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
15					60	CO6	Identify and analyze the deviations from normal birth process and refer appropriately.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
15					60	CO7	Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
15					60	CO8	Counsel adolescents, women and families on issues pertaining to pregnancy, child birth and lactation	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
15					60	CO9	Describe the role of various types of complementary and alternative therapies in Obstetrics and gynecological nursing	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
15					60	CO10	Incorporate evidence based nursing practice and identify the areas of research in the field of Obstetrics and gynecological nursing	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
16	YEAR 2	040242201-PP	T4290	Nursing Management	100	CO1	Students should be able to describe the philosophy and objectives of the health care institutions at various levels.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
16					100	CO2	Students should be able to identify trends and issues in nursing	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
16					100	CO3	Students should be able to discuss the public administration, health care administration vis-a-vis nursing administration	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
16					100	CO4	Students should be able to describe the principles of administration applied to nursing	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
16					100	CO5	Students should be able to explain the organization of health and nursing services at the various Levels/institutions	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
17	YEAR 2	040242202 - PP	T4291	Nursing Research (Dissertation)	100	CO1	Students should Define basic research terms and concepts and do ROL	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
17					100	CO2	Students should Describe research methodology and Develop a research proposal.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
17					100	CO3	Students should Explain the basic concepts related to statistics	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
17					100	CO4	Students should Conduct a research study, Communicate, Utilize & evaluate research findings,	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
17					100	CO5	Students should Describe the scope of statistics in health and nursing (Descriptive and Inferential)	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
17					100	CO6	Students should Write scientific paper for publication	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
18	YEAR 2	040242203 - PP	T4294	Medical - Surgical Nursing- II (Theory)	100	CO1	Students will be able to Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with obstetric and gynecological conditions and Perform physical, psychological, cultural and spiritual assessment	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
18					100	CO2	Demonstrate competence in caring for women with obstetrical and gynecological conditions	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
18					100	CO3	Identify and manage obstetrical and neonatal emergencies as per protocol	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
18					100	CO4	Demonstrate competence in caring for high risk newborn	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
18					100	CO5	Identify and manage infection control measures	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
18					100	CO6	Develop standards for obstetrical and gynecological nursing practice & Design a layout of specialty units of obstetrics and gynecology	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
19	YEAR 2	040242204-PR	T4294	Medical - Surgical Nursing- II (Practical)	100	CO1	Students should Appreciate trends and issues related to Critical Care Nursing	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
19					100	CO2	Students should Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patients	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
19					100	CO3	Students should Describe the various drugs used in critical care and nurses responsibility	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
19					100	CO4	Students should Perform physical, psychosocial & spiritual assessment	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
19					100	CO5	Students should Demonstrate advance skills/competence in managing critically ill patients including Advance Cardiac Life Support.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L

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20	YEAR 2	040242205 - PP	T4292	Mental Health (Psychiatric) Nursing - II (Theory)	100	CO1	Students should be able to Recall the principles on mental health , and terminologies related to mental illness	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
20					100	CO2	Classify the mental disorders according to the different classification of mental disorders.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
20					100	CO3	Demonstrate advanced skills in nursing management of patients with mental illness.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
20					100	CO4	Apply the nursing process in the care of mentally ill patients in hospital and community	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
20					100	CO5	Distinguish sign and symptoms of Mental disorders	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
20					100	CO6	Choose the recent technology and various treatment modalities in the management of mentally sick individual	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
20					0	CO7	Develop a design layout for psychiatric units/ hospitals	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
21	YEAR 2	040242206 - PR	T4343	Mental Health (Psychiatric) Nursing - II (Practical)	100	CO1	Students should be able to Recall the principles on mental health , and terminologies related to mental illness	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
21					100	CO2	Classify the mental disorders according to the different classification of mental disorders.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
21					100	CO3	Demonstrate advanced skills in nursing management of patients with mental illness.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
21					100	CO4	Apply the nursing process in the care of mentally ill patients in hospital and community	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
21					100	CO5	Distinguish sign and symptoms of Mental disorders	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
21					100	CO6	Choose the recent technology and various treatment modalities in the management of mentally sick individual	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
21					0	CO7	Develop a design layout for psychiatric units/ hospitals	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
22	YEAR 2	040242207 - PP	T4293	Community Health Nursing- II (Theory)	100	CO1	Appreciate role of individuals and families in promoting health of the Community and perform physical, developmental and nutritional assessment of individuals, families and groups by applying concepts of promotive, preventive, curative and rehabilitative aspects of health while providing care to the people.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
22					100	CO2	Apply nursing process approach while providing care to individuals, families, groups and community by integrating recent technology and the concepts of family centered nursing approach while providing care to the community.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
22					100	CO3	Incorporate evidence based nursing practice and identify the areas of research in the community settings and appreciate legal and ethical issues pertaining to community health nursing care.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
22					100	CO4	Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and the national level and demonstrate leadership and managerial abilities in community health nursing practice and Conduct community health nursing care projects.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
22					100	CO5	Recognize and participate in the management of emergencies, epidemics and disasters and to coordinate and collaborate with various agencies operating in the community by using inter-sectoral approach.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
23	YEAR 2	040242208 - PR		Community Health Nursing- II (Practical)	100	CO1	Appreciate role of individuals and families in promoting health of the Community and perform physical, developmental and nutritional assessment of individuals, families and groups by applying concepts of promotive, preventive, curative and rehabilitative aspects of health while providing care to the people.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
23					100	CO2	Apply nursing process approach while providing care to individuals, families, groups and community by integrating recent technology and the concepts of family cantered nursing approach while providing care to the community.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
23					100	CO3	Incorporate evidence based nursing practice and identify the areas of research in the community settings and appreciate legal and ethical issues pertaining to community health nursing care.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
23					100	CO4	Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and the national level and demonstrate leadership and managerial abilities in community health nursing practice and Conduct community health nursing care projects.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
23					100	CO5	Recognize and participate in the management of emergencies, epidemics and disasters and to coordinate and collaborate with various agencies operating in the community by using inter-sectoral approach.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
24	YEAR 2	040242209 - PP	T4292	Obstetrics and Gynecological Nursing II (Theory)	60	CO1	Students will be able to describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with obstetric and gynecological conditions and Perform physical, psychological, cultural and spiritual assessment	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
24					60	CO2	Demonstrate competence in caring for women with obstetrical and gynecological conditions	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
24					60	CO3	Identify and manage obstetrical and neonatal emergencies as per protocol	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
24					60	CO4	Demonstrate competence in caring for high-risk newborn	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
24					60	CO5	Identify and manage infection control measures	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
24					60	CO6	Develop standards for obstetrical and gynecological nursing practice & Design a layout of specialty units of obstetrics and gynecology	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
25	YEAR 2	040242210 - PR	T4343	Obstetrics and Gynecological Nursing - II (Practical)	100	CO1	Students will be able to Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with obstetric and gynecological conditions and Perform physical, psychological, cultural and spiritual assessment	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
25					100	CO2	Demonstrate competence in caring for women with obstetrical and gynecological conditions	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
25					100	CO3	Identify and manage obstetrical and neonatal emergencies as per protocol	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
25					100	CO4	Demonstrate competence in caring for high risk newborn	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
25					100	CO5	Identify and manage infection control measures	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
25					100	CO6	Develop standards for obstetrical and gynecological nursing practice & Design a layout of specialty units of obstetrics and gynecology	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis College of Nursing Programme Name : Post Basic Bachelor of Science

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Elicit & illuminate life style factors and practices, which impact the continuum of health.
2	GA2	Global citizenship: ethical, social and professional understanding	PO2	Provide nursing care based on steps of nursing process in collaboration with the individuals and groups.
3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	Demonstrate critical thinking skills in making decision in all situations in order to provide quality care to the clients
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	Utilize the latest trends and technology in providing health care.
5	GA2	Global citizenship: ethical, social and professional understanding	PO5	Provide promotive, preventive, restorative and rehabilitative health services in line with the national health policies and programs.
6	GA3	Eco-literate: sensitivity towards a sustainable environment	PO6	Apply knowledge from physical, biological and behavioral sciences, medicine, including alternative systems of medicine and nursing in providing to care individuals, families and communities
7	GA2	Global citizenship: ethical, social and professional understanding	PO7	Practice within the framework of code of ethics and professional conduct and acceptable standards of practice within the legal boundaries and comply to the Statutory & Professional bodies.
8	GA2	Global citizenship: ethical, social and professional understanding	PO8	Communicate effectively with individuals and groups and members of the health team in order to promote effective interpersonal relationships and teamwork.
9	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO9	Demonstrate skills in teaching to individuals and groups in clinical/ community health settings.
10	GA1	Scholarship: research, inquiry and lifelong learning	PO10	Participate effectively as members of the health team in health care delivery system.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
1	YEAR 1	040222101 - PP	T4269	English(Qualifying)	80	CO1	To Develop good vocabulary skills or better communication	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
1					80	CO2	To Effectively communicates with patients while rendering care	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L

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5	YEAR 1	040222104 - PP	T4272	Nursing Foundation	80	CO1	Identify professional aspects of nursing	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
5					80	CO2	Explain theories of nursing	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
5					80	CO3	. Identify ethical aspects of nursing profession	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
5					80	CO4	Utilize steps of nursing process	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
5					80	CO5	Identify the role of the nurse in various levels of health services	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
6	YEAR 1	040222105 - PP	T4273	Psychology	80	CO1	Apply principles of psychology while performing Nursing care of individual and families	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
6					80	CO2	Understand herself and others	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
6					80	CO3	Analyze her own thought and behavior patterns.	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
6					80	CO4	Use psychological principles to improve her efficiency in nursing care	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
6					80	CO5	Distinguish psychological processes during health and illness.	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
7	YEAR 1	040222106 - PP	T4274	Maternal Nursing (Theory)	80	CO1	Describe the physiology of pregnancy, labour, and puerperium	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
7					80	CO2	Manage normal pregnancy, labour and puerperium	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L

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7					80	CO3	Explain the physiology of lactation, and advice on management of breast feeding	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
7					80	CO4	Provide pre- and post operative nursing care in obstetric conditions	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
7					80	CO5	Identify and manage high risk pregnancy including appropriate referrals	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
7					80	CO6	Propagate the concept and motivate acceptance of family planning methods	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
7					80	CO7	Teach, guide and supervise auxiliary midwifery personnel	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
8	YEAR 1	040222107 - PP	T4275	Child Health Nursing (Theory)	80	CO1	Explain the modern concept of child care and the principles of child health nursing	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
8					80	CO2	Describe the normal growth and development of children in various age groups.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
8					80	CO3	Explain the physiological response of body to disease conditions in children	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L

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8					80	CO4	Identify the health needs and problems of neonates and children, plan and implement appropriate nursing interventions	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
8					80	CO5	Identify the various preventive, promotive and rehabilitative aspects of child care and apply them in providing nursing care to children in the hospital and in the community	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
9	YEAR 1	040222108 - PP	T4276	Microbiology	80	CO1	Identify common disease producing micro-organisms	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
9					80	CO2	. Explain the basic principles of Microbiology and their significance in health and disease	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
9					80	CO3	Demonstrate skill in handling specimens	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
9					80	CO4	Explain various methods of disinfection and sterilization	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
9					80	CO5	Identify the role of the nurse in hospital infection control system	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
9					80	CO6	New concept in medical surgical nursing. the common symptoms problems and their specific nursing interactions	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
10	YEAR 1	040222109 - PP	T4277	Medical Surgical Nursing (Theory)	80	CO1	Nursing management of patients with central nervous system disorders and cardiovascular problems	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
10					80	CO2	Nursing management of patients with respiratory system disorder and genitourinary system problems	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
10					80	CO3	Nursing management of patients with digestive problems and endocrine problems	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
10					80	CO4	Nursing management of patients with musculoskeletal problems and female reproductive problems	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
10					80	CO5	Nursing management of patients with oncological disorders, burns and communicable diseases, immunological disorders and STD.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
10					80	CO6	Nursing management of patients with eye ear nose and throat and skin disorders and blood disorders	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
10					80	CO7	Nursing management of patients in emergencies	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
11	YEAR 1	040222110 - PP	T4274	Maternal Nursing (Practical)	60	CO1	Describe sociological concepts applicable to nursing	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
11					60	CO2	Determine role of sociology in nursing as related to social institutes in India	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
11					60	CO3	Develop social interaction	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
11					60	CO4	Describe Social issues and the environment	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
11					60	CO5	Develop positive attitudes towards individual family and community.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
11					60	CO6	Identify and manage high risk pregnancy including appropriate referrals	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
11					60	CO7	Propagate the concept and motivate acceptance of family planning methods	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
12	YEAR 1	040222111 - PP	T4275	Child Health Nursing (Practical)	60	CO1	Students should Explain the concept of community health nursing, its various elements and Principles affecting health of the individual, family and community	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
12					60	CO2	Students should be able to understand the role of community health nurse and supervision and training of Health Care Workers.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
12					60	CO3	Students should be able to describe national health care delivery system.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
12					60	CO4	Students should implement the importance of health education with planning, different methods and media used for communication	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
12					60	CO5	Students should be able to function effectively as community health nurse using the knowledge of epidemiology and various statistical information.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
13	YEAR 1	040222112 - PR	T4277	Medical Surgical Nursing (Practical)	80	CO1	Nursing management of patients with central nervous system disorders and cardiovascular problems	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
13					80	CO2	Nursing management of patients with respiratory system disorder and genitourinary system problems	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
13					80	CO3	Nursing management of patients with digestive problems and endocrine problems	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
13					80	CO4	Nursing management of patients with musculoskeletal problems and female reproductive problems	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
13					80	CO5	Nursing management of patients with oncological disorders, burns and communicable diseases, immunological disorders and STD.	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
13					80	CO6	Nursing management of patients with eye ear nose and throat and skin disorders and blood disorders	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
13					80	CO7	Nursing management of patients in emergencies	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
14	YEAR 1	040222113 - PP	T6523	Basic French -I	80	CO1	To understand and listen basic French	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
14					80	CO2	To speak basic French	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
14					80	CO3	To read basic French	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
14					80	CO4	To write basic French	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
15	YEAR 1	040222114 - PP	T6184	Basic German-I	80	CO1	To understand and listen basic French	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
15					80	CO2	To speak basic French	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
15					80	CO3	To read basic French	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
15					80	CO4	To write basic French	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
16	YEAR 1	040222115 - PP	T4005	Integrated Disaster Management	80	CO1	Understand Disaster and Mngement of disaster	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
16					80	CO2	Discuss about environmental laws, rules and Audits	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L

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16					80	CO3	Introduction to handling of Medical emergency	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
17	YEAR 2	040222201 - PP	T4278	Sociology	80	CO1	Describe sociological concepts applicable to nursing	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
17					80	CO2	Determine role of sociology in nursing as related to social institutes in India	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
17					80	CO3	Develop social interaction	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
17					80	CO4	Describe Social issues and the environment	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
17					80	CO5	Develop positive attitudes towards individual family and community.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
18	YEAR 2	040222202 - PP	T4279	Community Health Nursing(Theory)	80	CO1	Students should Explain the concept of community health nursing, its various elements and Principles affecting health of the individual, family and community	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
18					80	CO2	Students should be able to understand the role of community health nurse and supervision and training of Health Care Workers.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
18					80	CO3	Students should be able to describe national health care delivery system.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
18					80	CO4	Students should implement the importance of health education with planning, different methods and media used for communication	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
18					80	CO5	Students should be able to function effectively as community health nurse using the knowledge of epidemiology and various statistical information.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
19	YEAR 2	040222203 - PP	T4280	Mental Health Nursing (Theory)	80	CO1	Identify and describe the philosophy and principles of mental health nursing.	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
19					80	CO2	Describe the historical development of mental health and psychiatric nursing.	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
19					80	CO3	Classify mental disorders.	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
19					80	CO4	Develop skills in history taking and performing mental status examination	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
19					80	CO5	Describe etiological factors, psychopathology, clinical features, diagnostic criteria and treatment methods used for mental disorders	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
19					80	CO6	Manage the patients with various mental disorders.	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
19					80	CO7	Communicate therapeutically with patients and their families.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
19					80	CO8	Identify role of the nurse in preventive psychiatry.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
19					80	CO9	Identify the legal aspects in practice of mental health and psychiatric nursing.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
20	YEAR 2	040222204 - PP	T4281	Introduction to Nursing Education	80	CO1	Describe the philosophy and principles of education	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
20					80	CO2	Explain the teaching -learning process	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
20					80	CO3	Develop the ability to teach ,using various methods and media	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
20					80	CO4	Describe the process of assessment	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
20					80	CO5	Describe the administrative aspects college of nursing	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
21	YEAR 2	040222205 - PP	T4282	introduction to Nursing Administration	80	CO1	Identify the principles of administration	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
21					80	CO2	Describe the principles and technique of supervision	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
21					80	CO3	Explain the principles and methods of personnel management	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
21					80	CO4	Explain the principles of budgeting	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
21					80	CO5	Organize and manage a nursing unit effectively	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M

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22	YEAR 2	040222206 - PP	T4283	Introduction to Nursing Research and Statistics (Theory)	80	CO1	Students should Define basic research terms and concepts and do ROL	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
22					80	CO2	Students should Describe research methodology and Develop a research proposal.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
22					80	CO3	Students should Explain the basic concepts related to statistics	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
22					80	CO4	Students should Conduct a research study, Communicate, Utilize & evaluate research findings,	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
22					80	CO5	Students should Describe the scope of statistics in health and nursing (Descriptive and Inferential)	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
22					80	CO6	Students should Write scientific paper for publication	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
23	YEAR 2	040222207 - PR	T4283	Introduction to Nursing Research and Statistics (Practical)	80	CO1	Describe sociological concepts applicable to nursing	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
23					80	CO2	Determine role of sociology in nursing as related to social institutes in India	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
23					80	CO3	Develop social interaction	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
23					80	CO4	Describe Social issues and the environment	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
23					80	CO5	Develop positive attitudes towards individual family and community.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L

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24	YEAR 2	040222208 - PR	T4279	Community Health Nursing(Practical)	80	CO1	Students should Explain the concept of community health nursing, its various elements and Principles affecting health of the individual, family and community	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
24					80	CO2	Students should be able to understand the role of community health nurse and supervision and training of Health Care Workers.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
24					80	CO3	Students should be able to describe national health care delivery system.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
24					80	CO4	Students should implement the importance of health education with planning, different methods and media used for communication	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
24					80	CO5	Students should be able to function effectively as community health nurse using the knowledge of epidemiology and various statistical information.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
24					80	CO6	Identify and describe the philosophy and principles of mental health nursing.	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
25	YEAR 2	040222209 - PR	T4280	Mental Health Nursing (Practical)	80	CO1	Describe the historical development of mental health and psychiatric nursing.	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO1	To train students in the technological aspects of medical care with a good scientific foundation.
2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	To train students to competently assist the Physician & Surgeon, especially in high-tech medical procedures to cater to the health care industry globally.
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	To train the students to adapt to the continuous & emerging advancements in the field of Medical Technology which will be environmentally sustainable.
4	GA2	Global citizenship: ethical, social and professional understanding	PO4	To strengthen their instrumentation understanding with respect to principle, operation, maintenance and latest advances
5	GA1	Scholarship: research, inquiry and lifelong learning	PO5	To expose them to basics of research, management and cultivate analytical thinking.
6	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO6	To polish the soft skills as applicable in the healthcare sector.
7	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO7	To develop the sensitivity towards society & empathy towards the patients

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1	SEM V	040121501-PP	T4567	Soft Skills for Allied Health Professionals - I	60	CO1	Students will learn the art of communicating with patients, clients, care givers and health care professionals	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
1					60	CO2	Develop self awareness and improve relationships with others	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M
1					60	CO3	Use efficient techniques for all forms of written and verbal communication	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
1					60	CO4	Take up leadership role to coordinate, delegate and supervise care safely and manage risk	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
2	SEM V	040121502-PP	T4451	Basic Life Support	60	CO1	Perform high quality CPR in adult, infant and child	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L
2					60	CO2	FBOA and its management	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
2					60	CO3	Successfully use AED and Defibrillator	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L
2					60	CO4	Use Drugs in emergency conditions	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L

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3	SEM V	040121503 - PP	T2208	Research Methodology	60	CO1	Understand research terminology	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
3					60	CO2	Identify the components of a literature review process	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
3					60	CO3	Critically analyze published research	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
3					60	CO4	Describe quantitative, qualitative and mixed methods approaches to research	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
3					60	CO5	Be aware of the ethical principles of research, ethical challenges and approval processes	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
4	SEM V	040121504 - PP	T4903	Summer internship programme	60	CO1	Provides hands on experience of the theoretical knowledge gained via lecture sessions.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
4					60	CO2	Exposure to real time situations.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
4					60	CO3	Witness, observe and understand the working of equipment operation, patient handling & reporting.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
4					60	CO4	Develops in depth understanding of department & hospital functioning.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
5	SEM V	040121505 - PP	T4570	Quality in Healthcare	60	CO1	To understand the basic concept of Quality .	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
5					60	CO2	To understand the relation between Quality and healthcare.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
5					60	CO3	To understand various quality indicators in healthcare and their implementation.	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L
5					60	CO4	To know about the various Organizations and Bodies associated with maintaining of Quality control mechanism and Accreditation of healthcare organizations	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
6	SEM V	040121506 - PP	T4576	Understanding of Basic Investigations-II	60	CO1	Students will learn about basics diagnostic tests	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
6					60	CO2	Will understand the importance of diagnostic tests and correlate it with the pathological conditions.	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
6					60	CO3	Will be able to read and interpret the results of the tests	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
7	SEM V	040121507 - PP	T4571	Hospital Information System	60	CO1	Strong understanding of HIS	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
7					60	CO2	Ability to Analyse information using different methodologies	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
7					60	CO3	Confidently manage the HIS	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
8	SEM V	040121508 - PP	T4572	Home Health Care	60	CO1	To Understand the component of home health care	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L
8					60	CO2	To apply techniques of homecare to patients of cardiovascular & respiratory diseases.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
9	SEM V	040121509 - PP	T4154	Echocardiography	60	CO1	Students can perform and diagnose all kinds of Echocardiographs in adults and pediatric age group	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
9					60	CO2	Should be able to perform GLS strain imaging	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
9					60	CO3	Should be able to perform TDI	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
9					60	CO4	able to write echocardiography reports	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
9					60	CO5	Keep updated with echocardiography guidelines	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
9					60	CO6	Understand different types of echos	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
10	SEM V	040121510 - PP	T4455	Mechanical Ventilation- I	60	CO1	Understand the theory and application of mechanical ventilatory techniques	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
10					60	CO2	Understand the effects and complications of mechanical ventilation	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L
10					60	CO3	Be able to apply the techniques of weaning	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
10					60	CO4	Be able to ventilate patients with specific disease states such as COPD, neuromuscular, head trauma, asthma, burns, acute lung injury and ARDS, drug overdose, chest trauma.	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
11	SEM V	040121511 - PP	T4456	Mechanical Ventilation- II	60	CO1	Understand the theory and application of mechanical ventilatory techniques	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
11					60	CO2	Understand the effects and complications of mechanical ventilation	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L
11					60	CO3	Be able to apply the techniques of weaning	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
11					60	CO4	Be able to ventilate patients with specific disease states such as COPD, neuromuscular, head trauma, asthma, burns, acute lung injury and ARDS, drug overdose, chest trauma.	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
12	SEM V	040121512 - PP	T4465	Physics and instrumentation of magnetic resonance imaging	60	CO1	Understand basic physics and working principles of MRI.	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
12					60	CO2	Develop the knowledge of instrumentation utilized in MRI.	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
12					60	CO3	Make use of encoding and sequences for data collection for clinical image formation.	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
12					60	CO4	Knowledge of different phenomena in MRI and latest modalities with its applications.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L
13	SEM V	040121513 - PP	T4466	Operations of magnetic resonance imaging	60	CO1	The course should help the students have a basic working knowledge of the main imaging modalities and also help them actually use it in practice. It should help them achieve a level so that they can function as technologists.	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L
13					60	CO2	The course will help students to handle the patients.	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
13					60	CO3	This course will help students to use modality efficiently.	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
14	SEM V	040121514 - PP	T4162	Clinical Biochemistry- Basic	60	CO1	The course aims to provide the student with advanced knowledge about clinical conditions.	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L
14					60	CO2	This knowledge would help the student in correlating various biochemical parameters with its clinical manifestations.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
15	SEM V	040121515 - PP	T4184	Blood Banking - Basic	60	CO1	To carry out responsibility of the blood bank technician & technical supervisor specified in the DNC act.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
15					60	CO2	To understand the legal aspects and principles of blood banking	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
15					60	CO3	Be able to receive, record and store blood in line with the principles of blood banking	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
15					60	CO4	Must understand the importance of Blood grouping, cross matching, diagnostic testing and mismatch transfusions	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
16	SEM V	040121516 - PP	T4166	Principles of Peritoneal Dialysis & other Procedures	60	CO1	Be able to describe the principles of peritoneal dialysis techniques	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
16					60	CO2	Perform CAD	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L
16					60	CO3	Communicate with a patient about Peritoneal dialysis	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
16					60	CO4	Treatment options in intensive care settings	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
17	SEM V	040121517 - PP	T4167	Water Treatment in Dialysis	60	CO1	Describe different types of water sources and methods of treatment employed for water treatment.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
17					60	CO2	Knowledge of classification of contaminants. Potable water regulations and necessity to treat potable water for use in dialysis.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
17					60	CO3	Need for chemical limits.	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
17					60	CO4	Evaluation of water quality, including hardness and Disinfection & monitoring of water treatment.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
17					60	CO5	Flow characteristics of distribution systems	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
17					60	CO6	Methods of sanitization of the water treatment system and Rinsing protocols.	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
18	SEM V	040121518 - PP	T4490	Advanced Sterilization Techniques	60	CO1	Knowledge of effective sterilization practices in the operation theaters which is an essential component in prevention of surgery associated infections.	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
18					60	CO2	The technologist will be aware of various aspects of surgical procedures - instruments that are necessary, the order in which they will be required & their sterilization	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
18					60	CO3	Understand & perform various methods of sterilization efficiently and maintain the data as per the requirements of Operation Theatre	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L

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18					60	CO4	Must be aware of basic principles of microbiology & sterilization and perform sterilization procedure efficiently.	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
18					60	CO5	Must be aware of microbiological surveillance in the OT	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
19	SEM V	040121519 - PP	T4491	Infection Control in Operation Theater	60	CO1	Understand the concept & importance of infection control and hospital acquired infection	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
19					60	CO2	Implement the infection control practices in the OT	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
19					60	CO3	Understand & perform instrument and equipment cleaning, disinfection and sterilization techniques	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L
19					60	CO4	Be aware of the aspects of safety of the OT personnel	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
19					60	CO5	Be able to handle, segregate and dispose biomedical waste material as per the rules and regulations	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
20	SEM V	040121520 - PP	T4492	Assistance in Perioperative Complications	60	CO1	Understanding of pre, intra and post operative care of patients	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L
20					60	CO2	Have a complete understanding about the various complications that can arise in the peri operative period	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
20					60	CO3	Ability to perform various monitoring techniques to identify the complications	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
20					60	CO4	Be able to assist in the handling peri operative complications	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
21	SEM I	040121101 - PP	T4565	Anatomy-I	60	CO1	To recognize different structures, organs and organ systems within the body.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
21					60	CO2	To have a knowledge about histology of different tissues and organs.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
21					60	CO3	The scope of this course is to provide a basic understanding of the structure of the human body.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
22	SEM I	040121102 - PP	T4429	Physiology-I	60	CO1	To know the functions of parts of body, cells, tissues, organs and organ systems	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
22					60	CO2	To understand normal physiological variations	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L

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22					60	CO3	To identify disease state due to fuctional failure of theorgan system	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
23	SEM I	040121103 - PP	T4948	Basic Biochemistry	60	CO1	To provide an introduction to the principal ideas in biochemistry theory and practice.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
23					60	CO2	Deliver the basic knowledge of biochemical functions and principles.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
23					60	CO3	Understanding of various laboratory instruments and their working principles	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
23					60	CO4	Understanding of basic biochemical tests, their principle and procedures along wth their clinical applications	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
23					60	CO5	Understand the testing of biological samples and its clinical implications	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
24	SEM I	040121104 - PP	T4107	Basic Pharmacology	60	CO1	To know definition of drug, administration, actions, classification, care and storage of drugs	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
24					60	CO2	To know the basic drugs used in major diseases	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
24					60	CO3	To understand major side effects of commnly used drugs	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
25	SEM I	040121105 - PP	T4430	Hoospital Practices & Patient Care-I	60	CO1	To provide the basic functions, principles and concepts of Hospital Environment practice.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
25					60	CO2	Learn the scientific decision making process and problem solving techniques in patient care & management	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
25					60	CO3	To understand the concepts and tools for self awareness & self development to manage patients in hospitals for preliminary care.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
25					60	CO4	Students should learn how to work in the hospital premises & how to take precautionary measures in case of critical conditions.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
26	SEM I	040121106 - PP	T4946	Basic Sciences	60	CO1	Able to understand the basic concepts of maths,chemistry & physics.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
26					60	CO2	Knowledge about applied mathematics & physics	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L

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27	SEM I	040121107 - PP	T4427	Medical Ethics & legal aspects	60	CO1	Understand professional etiquettes practiced in health care organization and its importance	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
27					60	CO2	Practice Professional ethics and keep a positive attitude while dealing with patients	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
27					60	CO3	Students must imbibe the qualities of a healthcare professional and utilise professional communication	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
27					60	CO4	Take history in a very effective and systematic manner	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
27					60	CO5	Understanding about the handling of medicolegal patients and how to prevent medicolegal issues	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
28	SEM I	040121108 - PP	T4947	Communication Skills For Allied Healthcare Professionals-I	60	CO1	Students must be able to use basic functional English language with good accuracy	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
28					60	CO2	Confident in the use of verbal and written communication in healthcare.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
28					60	CO3	Be able to write emails and enhance reading, listening and comprehension skills	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
29	SEM I	040121109 - PP	T4431	Sociology	60	CO1	Understanding about the culture, customs and moral value of Indians	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
29					60	CO2	Understanding the Family patterns in India	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
29					60	CO3	Mannerisms of patients in line with their social backgrounds	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
30	SEM I	040121110 - PP	T4432	Psychology	60	CO1	To provide the basic understanding , principles and concepts of personality development and creative thinking.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
30					60	CO2	Learn the mannerism related to religion, social status and education..	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
30					60	CO3	Understand concepts to organizational problems related to Health sector	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
31	SEM I	040121111 - PP	T4433	Computer Skills	50	CO1	To acquaint the students with basic skills of Computers.	Strong-H	Moderate-M	Moderate-M	-	-	-	-
31					50	CO2	To provide the hands on training on computers	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L

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32	SEM II	040121201 - PP	T4949	Basic Microbiology & Parasitology	60	CO1	To understand structure & characteristics of bacteria & parasites causing infections.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
32					60	CO2	To learn concept & application of sterilization & disinfection process.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
32					60	CO3	To know and understand the various methods of bacterial isolation and identification	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
33	SEM II	040121202 - PP	T4950	Pathology	60	CO1	To understand the pathological changes related to injury	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
33					60	CO2	To understand the concepts of diseases	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
33					60	CO3	To understand the various histopathological techniques and procedures	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
34	SEM II	040121203 - PP	T4566	Anatomy II	60	CO1	To recognise structures, organs and systems of the body	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
34					60	CO2	To have knowledge of surface anatomy of alimentary system, urinary system, reproductive system, endocrine system, nervous system and special senses	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
34					60	CO3	To understand the histology of different tissues & organs	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
34					60	CO4	To understand the disease conditions of the various systems	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
34					60	CO5	To understand the diagnostic & treatment modalities of the disease conditions	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
35	SEM II	040121204 - PP	T4436	Physiology II	60	CO1	To enumerate the functions of different parts of the body	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L
35					60	CO2	To recognize normal physiological variations	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
35					60	CO3	To identify disease state due to functional failure of organ systems	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
36	SEM II	040121205 - PP	TH4093	Hospital Practices & Patient Care-II	60	CO1	To provide the basic principles, concepts of the hospital environment	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
36					60	CO2	Learn the decision making and problem solving techniques	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
36					60	CO3	Understand the organizational problems and handling them	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M

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36					60	CO4	Understand the behaviour of patients of all varieties	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
37	SEM II	040121206 - PP	T4435	Communication Skills for Allied Health Professionals Advanced	60	CO1	To achieve greater proficiency in English language skills	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
37					60	CO2	Confident in business reading, writing and creative communication	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
37					60	CO3	Be able to utilise social media for business communication and develop the art of networking	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
38	SEM II	040121207 - PP	T4499	Medical Physics	60	CO1	To provides basic knowledge of physics	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
38					60	CO2	To understand physics principles	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
39	SEM II	040121208 - PP	T4502	Computer Language	60	CO1	To provides the concept of programming & basic knowledge of computer programming language C	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
39					60	CO2	To have the students become competent in writing C programming and apply knowledge in Medical Field	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L
40	SEM II	040121209 - PP	T4439	Nutrition & Dietetics	60	CO1	To understand the various concepts of Nutrition.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
40					60	CO2	To know about the classification of food and the composition of various classes.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
40					60	CO3	To know the sources, functions and deficiency conditions of carbohydrates, proteins, fats, vitamins & minerals.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
41	SEM II	040121210 - PP	T4440	Applied Mathematics	60	CO1	To be able to explain the basics of mathematics.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
41					60	CO2	To be well informed with the applied mathematics for calculation of any scientific recordings and be able to read and interpret the stochastic process, to calculate the outcome of a specific reaction by mathematical calculation.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
42	SEM III	040121301 - PP	T4441	Personality Development for Allied HealthProfessionals - I	60	CO1	Ability to build an impressive personality	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M

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42					60	CO2	Develop self awareness and improve relationships with others	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
42					60	CO3	Carry out a SWOT analysis and capitalise on ones own strengths and work upon ones own weaknesses	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
42					60	CO4	Inculcate leadership qualities to take up leadership roles	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
43	SEM III	040121302 - PP	T2883	Core Environmental Studies*	60	CO1	Be able to Understand the importance of conservation of environment	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
43					60	CO2	Have knowledge of the changing trends and deterioration of climate and other environmental elements	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
43					60	CO3	Be Aware and a responsible global Citizen	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
44	SEM III	040121303 - PP	T4117	Basic Patient Assessment	60	CO1	Basic knowledge of the element of nursing, handling the patient, communication with patients, hospital set up.	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M
44					60	CO2	Understanding of medical terminologies.	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
44					60	CO3	Should be able to take Patients history, and other data, read & understand patient chart.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
44					60	CO4	Check Vital signs, Inspect, Palpate, Percuss and Auscultate the patient.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
44					60	CO5	Should be able to identify common physical findings in disease conditions, Arterial Blood Gases collection & Analysis, Understand Laboratory studies (blood, sputum, urine), Chest Radiography.	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
45	SEM III	040121304 - PP	T4116	Applied Clinical Sciences (Cardiac Care)	60	CO1	Able to describe the applied Anatomy & Physiology	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
45					60	CO2	Correlate it with the technical procedures	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
45					60	CO3	Correlate with diagnostic & therapeutic procedures & its outcome.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
45					60	CO4	Apply it practically when visiting hospitals during postings	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L

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46	SEM III	040121305 - PP	T4442	Cardiac Pharmacology	60	CO1	This course gives an overview of the pharmacological agents commonly used in the diagnosis and treatment of cardiovascular disease. particular emphasis will be placed upon network medicine, genomic strategies and personalising treatments for patients with heart disease.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L
46					60	CO2	Brief treatment will also be given to non-cardiac medications used in cardiac patients and their potential interactions. Student will learn how the various drugs act, are classified, and employed in stable patients and those undergoing emergency procedures, electrophysiological studies, catheterization, and other diagnostic studies.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L
46					60	CO3	drug classes include: thrombolytic, anticoagulant, antiarrhythmic, antianginal, antihypertensive, diuretic, lipid-lowering, antiglycemic, and contrast agents.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
46					60	CO4	Describe and assess the molecular and cellular actions of drugs that affect the cardiovascular system. Classify the major cardiovascular drugs in current use by their actions at a cellular and molecular level. Evaluate the pharmacological basis for the treatment of major cardiovascular disease and appreciate the common side effect that these drugs can produce.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
46					60	CO5	show understanding of the importance of personalised medicine strategies for cardiovascular disease and how these are derived. Have knowledge of new and emerging pharmacological treatments for cardiovascular disease.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L
47	SEM III	040121306 - PP	T4119	Cardiovascular Diseases	60	CO1	The knowledge of anatomy and physiology of Cardiovascular System and Respiratory System	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L
47					60	CO2	To diagnose the cardiovascular disease by examination of patient & relevant.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L

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47					60	CO3	To diagnose a disease after taking history of the patient and with the help of various investigative reports.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L
47					60	CO4	To diagnose the cardiovascular disease from pathological specimen, Charts, CD's, Video etc.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L
47					60	CO5	To make differential diagnosis of various diseases this will help them in management of the patient.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L
48	SEM III	040121307 - PP	T4443	Electro Cardiography I	60	CO1	The knowledge of Anatomy and Physiology of the heart is necessary.	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L
48					60	CO2	Upon completion student should be able to - Place the ECG leads and get an ECG.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
48					60	CO3	Differentiate between normal & abnormal ECG.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
48					60	CO4	The Cardiac Technologist should be able to obtain an ideal ECG and should be able to identify a normal ECG.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
48					60	CO5	He/she should be able to take care and maintain ECG machines.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
48					60	CO6	Diagnose different rhythms and understand the causes of the abnormal rhythm	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
48					60	CO7	Should be able to identify common physical findings in disease conditions, Arterial Blood Gases collection & Analysis, Understand Laboratory studies (blood, sputum, urine), Chest Radiography.	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
49	SEM III	040121308 - PP	T4121	Applied Clinical Sciences (Respiratory Therapy)	60	CO1	Should describe the applied Anatomy & Physiology	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
49					60	CO2	Correlate it with the technical procedures	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
49					60	CO3	Correlate with diagnostic & therapeutic procedures & its outcome.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
49					60	CO4	Apply it practically when visiting hospitals during postings	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L

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50	SEM III	040121309 - PP	T4122	Cardio-Pulmonary Pharmacology - Basic	60	CO1	The student will have knowledge about the different drugs / medicines to be given in pulmonary diseases and how much doses and mode of administration.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
50					60	CO2	Students will understand the problems related to overdose of drugs, side effect and reactions occurring due to the intake of the wrong medication.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
51	SEM III	040121310 - PP	T4123	Cardio-Pulmonary Diseases- Basic	60	CO1	diagnose the cardio pulmonary disease by examination of patient & relevant	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L
51					60	CO2	To diagnose a disease after taking history of the patient and with the help of various investigative reports.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
51					60	CO3	To diagnose the cardiopulmonary disease from pathological specimen, Charts, CD's, Video etc.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
52	SEM III	040121311 - PP	T4452	Respiratory Therapy Technology- I	60	CO1	To have the basic understanding and applications of Medical gas laws in respiratory equipments	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
52					60	CO2	To be able to perform delivery of medical gas to the patients in ICU	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
52					60	CO3	To know the basic indications & contraindications of various respiratory care procedure	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M
52					60	CO4	To be able to perform basic respiratory therapy interventions	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H
52					60	CO5	To be able to interpret various diagnostic reports such as ABG etc	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
53	SEM III	040121312 - PP	T4459	Applied Clinical Sciences and Image Interpretation	60	CO1	Interpret the radiographic images & find out the pathologies/abnormalities if any like fractures, tumors etc.	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
53					60	CO2	Understanding of the medical conditions and this will help them to perform their duties more efficiently	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M
54	SEM III	040121313 - PP	T4460	Radiation Physics and Protection - Basic	60	CO1	To have thorough knowledge of radiation physics	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
54					60	CO2	Relate effects of ionising radiation and its mode of interaction.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L

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54					60	CO3	Knowledge of regulatory principles and philosophies of AERB.	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
54					60	CO4	Proper use of personal monitoring and area monitoring devices.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
54					60	CO5	Identify and practice ways to optimize dose to radiation staff and general public.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
55	SEM III	040121314 - PP	T4461	Fundamentals of Medical Image Processing	60	CO1	Understand image processing & dark room techniques.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
55					60	CO2	Able to Select the cassette size and Insert image plate for processing	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
55					60	CO3	Thorough knowledge of processing steps and its use.	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
56	SEM III	040121315 - PP	T4462	Physics & Instrumentation of X-Ray & USG	60	CO1	Know each & every function, & if some problem occurs, they should be able to report it correctly to company engineers.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
56					60	CO2	Knowledge of working principle of X-Ray and its components.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
56					60	CO3	Knowledge of working principle of USG and its components.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
56					60	CO4	Understand the optimisation of parameters for image quality and patient dose.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
57	SEM III	040121316 - PP	T4128	Conventional Radiographic Techniques and Procedures	60	CO1	To enable the students to understand different imaging techniques & procedures & to take X-rays of optimum quality as required by the radiologist.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
57					60	CO2	Student Should be able to Develop/process x-ray film nad Change the position of tube	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
57					60	CO3	Students must know all the radiograwphic positions and techniques.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
58	SEM III	040121317 - PP	T4472	Applied Clinical Sciences (Clinical Laboratory)	60	CO1	Should describe the applied Anatomy & Physiology in relation to disease conditions	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
58					60	CO2	Correlate with diagnostic & therapeutic procedures & its outcome.	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L

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58					60	CO3	Understand the various lab investigations specific to various disease conditions	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
58					60	CO4	Interpret lab reports and correlate with clinical findings	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M
59	SEM III	040121318-PP	T4471	General and Clinical Pathology	60	CO1	Understand the routine pathological tests and its correlation to disease conditions	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
59					60	CO2	To understand the concept of diseases	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
59					60	CO3	To understand the organization of pathology lab	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
59					60	CO4	Be able to identify normal and abnormal tests	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
60	SEM III	040121319-PP	T4473	Hematology	60	CO1	Understand the routine hematological blood tests and know the established reference ranges of the same.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
60					60	CO2	Knowledge of the physiological and pathological variation in the hematological parameters	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
60					60	CO3	Know about the hematological investigations performed to diagnose pathological states	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
60					60	CO4	Understand the hematological findings in different pathological states	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
61	SEM III	040121320-PP	T4474	Bacteriology	60	CO1	Know the structural and biochemical details of the bacterial pathogens.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
61					60	CO2	Be able to perform preliminary analysis of microscopy and Staining such as Gram staining	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
61					60	CO3	Identify the bacteria using different and specialized cultural media, cultural methods and Biochemical tests.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L
61					60	CO4	Understand the functioning of the clinical lab and the role of clinical technicians	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H
61					60	CO5	Know the importance and standard protocols of Biomedical Waste Management	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M
62	SEM III	040121321-PP	T4475	Diagnostic Parasitology	60	CO1	Be able to collect different specimens for parasitic infections	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M

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62					60	CO2	Examine macroscopically and microscopically examination of different specimens	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
62					60	CO3	Able to identify and perform primary smear examination	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L
62					60	CO4	Identify the parasitic cysts, eggs, larval forms from the specimen	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L
62					60	CO5	Capable to summarize and prepare reports	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
63	SEM III	040121322 - PP	T4133	Applied Clinical Sciences (Dialysis)	60	CO1	Describe the applied Anatomy & Physiology	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
63					60	CO2	Correlate it with the technical procedures	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
63					60	CO3	Correlate with diagnostic & therapeutic procedures & its outcome.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
63					60	CO4	Apply it practically when visiting hospitals during postings	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
64	SEM III	040121323 - PP	T4482	Theory and Principles of Dialysis	60	CO1	Describe the role of buffers and electrolytes in dialysis fluids.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L
64					60	CO2	Understand calculation of fluid loss using dialyser co-efficient, venous pressure and dialysate pressure, dialysis related complications & importance of sterilization.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
64					60	CO3	Understand & perform Pre dialysis education of the patient, Initiation of haemodialysis, monitoring, adequacy, basic nursing, etc	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L
64					60	CO4	Knowledge of function of different types of dialyser membrane, their construction and efficiency, etc.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
65	SEM III	040121324 - PP	T4135	Renal Diseases, Disease Management & Pharmacology	60	CO1	Understand the disease etiology, Pathology & pathogenesis, clinical features, diagnosis and management of renal diseases.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L
65					60	CO2	To come to a conclusion or to diagnose a disease after taking a history of the patient and other reports or by seeing the reports of investigations, biopsy & other diagnostic procedures which are done to dealt the disease.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L

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65					60	CO3	Know common medications used in dialysis patients, their administration, precautions & side effects.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
65					60	CO4	Total patient management in dialysis unit.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
65					60	CO5	Know total patient care during dialysis & dietary management.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
66	SEM III	040121325 - PP	T4136	Principles of Haemodialysis I	60	CO1	Able to perform Hemodialysis processing efficiently	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
66					60	CO2	They will able to use Machine operation	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
66					60	CO3	Student will be able to communicate with patient, they can understand aseptic techniques, Safety precautions, Maintaining data etc	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L
67	SEM III	040121326 - PP	T4137	Applied Clinical Sciences (Operation Theatre and Anaesthesia)	60	CO1	Should describe the applied Anatomy & Physiology	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
67					60	CO2	Correlate it with the technical procedures	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
67					60	CO3	Correlate with diagnostic & therapeutic procedures & its outcome.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
67					60	CO4	Apply it practically when visiting hospitals during postings	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
68	SEM III	040121327 - PP	T4487	Fundamental Concepts and Procedures related to Operation Theatre	60	CO1	Explain Biomedical waste .Identify the biomedical waste generated in healthcare settings.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L
68					60	CO2	Describe methods of segregation of biomedical waste.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
68					60	CO3	Perform Handling, disposal & treatment of biomedical waste.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L
68					60	CO4	Explain precautions to prevent health hazards caused by biomedical waste.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
69	SEM III	040121328 - PP	T4139	Pre Operative Preparation & Anaesthetic Management of Surgical Procedures	60	CO1	Knowledge on preoperative complications in the recovery room	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L

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69					60	CO2	Confidently assist anesthesiologist	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
70	SEM III	040121329 - PP	T4488	Instrument Trays for Surgical Procedure	60	CO1	Able to work in the operation theatre, per operative preparation room, endoscopy clinic etc.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
70					60	CO2	Identify various surgical instruments for different surgeries	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
71	SEM III	040121330 - PP	T4444	Clinical Nutrition	60	CO1	Detailed knowledge of basics of clinical nutrition	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
71					60	CO2	Know the importance of healthy food habits and the food to be taken in disease condition	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
72	SEM III	040121331 - PP	T4445	Understanding of Basic Investigations - I	60	CO1	Knowledge about basics of diagnostic tests	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
72					60	CO2	Understanding of importance of diagnostic tests and correlate with the infectious condition.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
73	SEM III	040121332 - PP	T4446	Basics of Epidemiology	60	CO1	To understand the concept and principles of Epidemiology	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H
73					60	CO2	To understand the methods of epidemiology	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
73					60	CO3	Summarize epidemiological study designs	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
73					60	CO4	Understand application of epidemiology in problems of communicable and non communicable diseases	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
73					60	CO5	Be able to distinguish between different analytical studies	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
74	SEM IV	040121401 - PP	T4447	Personality Development for Allied Health Professionals - II	60	CO1	Develop students personal capabilities to make them self sustainable	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M
74					60	CO2	Students must define their personal goals and evaluate their progress towards achievement of these goals	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M
74					60	CO3	Develop good interpersonal skills, a positive attitude and the ability to resolve conflicts amicably	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M
74					60	CO4	Demonstrate these skills while interacting with patients	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H

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75	SEM IV	040121402 - PR	T8000	Service Learning	60	CO1	Develop sensitivity towards community issues	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
75					60	CO2	To serve the community and enhancing the learning experience	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H
76	SEM IV	040121403 - PP	T4296	Self Defence	60	CO1	Develop defensive preventive attitude and views of ones lifestyle.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
76					60	CO2	Recognize and avoid potentially dangerous situations.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
76					60	CO3	Psychologically prepare the student for the possibility of an attack.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
76					60	CO4	Develop working knowledge of basic self-defense techniques from various disciplines.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
76					60	CO5	Acquire self-confidence, to instill the need and desire for physical conditioning, and a willingness to take affirmative action if actually assaulted.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
77	SEM IV	040121404 - PP	T4295	Basics of Fitness	60	CO1	Acquire knowledge and skills to make meaningful and lasting behaviour change.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
77					60	CO2	Participate in physical activity programs to enhance health, fitness & lifestyle.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
77					60	CO3	Select and adopt personalized strategies including activities, programs, and events that promote health and wellbeing.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
78	SEM IV	040121405 - PP	T4005	Integrated Disaster Management	60	CO1	To create awareness of various aspects of disasters, its preparedness and management.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H
78					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H
78					60	CO3	To train students to perform First aid and CPR in an emergency..	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H
79	SEM IV	040121406 - PP	T4141	Electro Cardiography II	60	CO1	Able to Draw an ECG.	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
79					60	CO2	Able to Diagnose the ECG.	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L
79					60	CO3	Able to obtain an ideal ECG.	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L
79					60	CO4	Able to identify a normal ECG.	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L

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79					60	CO5	Able to recognize the different abnormal ECGs.	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
80	SEM IV	040121407 - PP	T4448	Introduction to Medical Devices & Instruments (Cardiac Care)	60	CO1	Understand the use the cardiac machines and about the principle, construction, care and maintenance of its various parts.	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L
80					60	CO2	Aware about the radiation section which is hazardous, if we don't take proper precautions while performing any radiological procedures.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L
80					60	CO3	Handle different machines.	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L
80					60	CO4	Use and maintain equipment.	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L
80					60	CO5	Complete knowledge about the instrument in cardiac units.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
81	SEM IV	040121408 - PP	T4453	Respiratory Therapy Technology II	60	CO1	To have the basic understanding and applications of Medical gas laws in respiratory equipment	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
81					60	CO2	To be able to perform delivery of medical gas to the patients in ICU	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
81					60	CO3	To know the basic indications & contraindications of various respiratory care procedure	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
81					60	CO4	To be able to perform basic respiratory therapy interventions	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
81					60	CO5	To be able to interpret various diagnostic reports such as ABG etc	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
82	SEM IV	040121410 - PP	T4463	Physics and Instrumentation of Computed Tomography	60	CO1	Understand the x-ray production,its interaction with matter.	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L
82					60	CO2	Introduction to Computed tomography with working principle and generations of CT.	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L
82					60	CO3	Apply knowledge of instrumentation and select proper detector according to generations.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
82					60	CO4	Understand the concepts of data acquisition,image formation along with image reconstruction algorithms.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
82					60	CO5	Practice quality control program in CT and work efficiently in CT facility.	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L

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83	SEM IV	040121411 - PP	T4464	Operations of Computed Tomography	60	CO1	Understand CT parameters practically used in CT control console and patient positioning.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L
83					60	CO2	Apply knowledge of image characteristics for optimum image quality and patient dose.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
83					60	CO3	Understand digital image processing and manipulation of image for better diagnosis.	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L
83					60	CO4	Build knowledge of safety considerations and general precautions in CT department.	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L
84	SEM IV	040121412 - PP	T4476	Diagnostic Microbiology- Basic	60	CO1	To isolate an organism from clinical samples to obtain pure cultures.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
84					60	CO2	Differentiate pathogenic and non pathogenic bacteria using culture media, biochemical tests and various other tests.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
84					60	CO3	Have the knowledge of antibiotic resistance and be able to perform, interpret the same using antibiotic sensitivity tests	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
84					60	CO4	Associate different pathogens with systemic microbial infections.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L
84					60	CO5	Link pathogens with various diseases and conditions.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L
85	SEM IV	040121413 - PP	T4477	General Biochemistry	60	CO1	Able to explain the basics of General Biochemistry.	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L
85					60	CO2	Well versed with the calculation of moles, equivalent weight, Normal and Molar solution preparation.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
85					60	CO3	Able to handle and calibrate the instruments used for measurement.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
85					60	CO4	Basic knowledge of ethics, good laboratory practices, interpret data.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
86	SEM IV	040121414 - PP	T4149	Introduction to Equipment & Instruments (Clinical Laboratory)	60	CO1	Understand the principle of working, construction, operation & uses of equipment & instruments used in Clinical Laboratory	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L
86					60	CO2	To know cleaning, handling, care, common troubleshooting, maintenance etc. of these equipment. & instruments	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L

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87	SEM IV	040121415 - PP	T4150	Principles of Haemodialysis II	60	CO1	Perform haemodialysis processing efficiently	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
87					60	CO2	Must be aware of the principles of operation and function of different dialysis machines.	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
87					60	CO3	Empathetic communication with patients	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
87					60	CO4	Understand the safety precautions in the dialysis procedure	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L
87					60	CO5	Be able to handle complications during dialysis	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
88	SEM IV	040121416 - PP	T4483	Introduction to Medical Devices and Instruments (Dialysis)	60	CO1	Experts in working, construction, cleaning, trouble shooting maintenance of hemodialysis and peritoneal dialysis equipments	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
88					60	CO2	Confident to conduct routine equipment management procedures including calibration, validation prior to clinical use.	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
89	SEM IV	040121417 - PP	T4152	Procedures Prior & During Anaesthesia	60	CO1	Able to administer pre anaesthesia medication and offer psychological support to patient pre - operatively.	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L
89					60	CO2	Understand and evaluate the risks involved in anaesthesia	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
89					60	CO3	Preoperative monitoring during anesthesia for safe outcome of surgery.	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
89					60	CO4	Manage Postoperative pain.	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
89					60	CO5	Maintain I.V. line, oxygen therapy etc. in surgical I.C.U.	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
90	SEM IV	040121418 - PP	T4489	Introduction to Medical Devices and Instruments (Operation Theatre & Anaesthesia)	60	CO1	Able to work in Operation Theater, recovery room, surgical I.C.U. etc.	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L
90					60	CO2	Aware of electrical hazards	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L
90					60	CO3	Proper arrangement of surgical & anesthesia equipment to see that they are in working order	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
91	SEM IV	040121419 - PP	T6487	Film Appreciation	60	CO1	To demonstrate skills related to watching and listening, to films, comprehension, critical thinking and expression.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L

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91					60	CO2	To illustrate the how to understand films	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
91					60	CO3	To demonstrate a critical grasp on cinematic practices	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
92	SEM IV	040121420 - PP	T6475	Creative Writing	60	CO1	To Explore classic and modern styles and techniques of writing across genres.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
92					60	CO2	To Appreciate the aesthetics of selected excerpts.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
92					60	CO3	To Experiment with ones own writing style.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
93	SEM IV	040121421 - PP	T6491	Cyber Law	60	CO1	To interpret various types of Cyber crimes	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
93					60	CO2	To apply teaching ways of securing from being a victim of cyber crime	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
93					60	CO3	To relate laws relating to cyber-crimes, social media use, etc.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
94	SEM IV	040121422 - PP	T6507	Introduction to Social Justice	60	CO1	To introduce the students to the concepts and practice of social justice in India as is	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
94					60	CO2	To critically examine the issues and practice of social justice in the context of specific	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
94					60	CO3	To locate issues and challenges to the practice of social justice in the present social, political and economic context.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
95	SEM IV	040121423 - PP	T6284	Contemporary India and The World	60	CO1	To make the students interpret various growth models available to India over the centuries.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
95					60	CO2	To demonstrate these models, their adaptability and suitability and also show impact upon Indias developmental strategy.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
95					60	CO3	To relate the transition from a colonial to a post-colonial society through the medium of literature	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
95					60	CO4	To write, discuss and debates upon the newly created identities like diaspora and third Worldism	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L

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95					60	CO5	To show the students the cultural connotations of the globalism and localism of India in contemporary world.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
96	SEM IV	040121424 - PP	T6476	World Music	60	CO1	summarize & Apply debates related to world music, accounting for both their strengths and limitations.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
96					60	CO2	formulate a unique critical perspective that brings these debates forward	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
96					60	CO3	define and identify the basic elements of musical style, such as scale, rhythm, meter, mode etc	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
97	SEM IV	040121425 - PP	T65477	Theater	60	CO1	To relate to theatre as literature & performing arts.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
97					60	CO2	To interpret the various elements involve in making	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
97					60	CO3	To use the inputs offered & to write once own prospective.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
97					60	CO4	To choose to watch a show	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
97					60	CO5	To prepare view point while attempting	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
97					60	CO6	To practice this form of theatre	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
98	SEM IV	040121426 - PP	T6604	Political Science	60	CO1	This course will provide students with the background of some of the important theoretical concepts which make up contemporary world.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
98					60	CO2	The course will help the students in understanding the concepts and also to look critically at some of the major debates that have shaped the contours of these concepts and ideas.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
98					60	CO3	The course will help the students in engaging with the happenings in the world at large with the aid of these ideas in their institutional practices.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
98					60	CO7	To dramatize of existing or prepared scripts	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
99	SEM IV	40121409 - PP		Introduction to medical devices & Instruments (Respiratory Therapy)	60	CO1	To have knowledge of various respiratory care devices and equipments.	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L

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99					60	CO2	Patient Response and Monitoring	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L
99					60	CO3	To be able to Calibrate and Handle Respiratory care devices	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
99					60	CO4	Should be able to perform various diagnostic procedure of respiratory care	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
99					60	CO5	To be able to interpret various diagnostic reports such as ABG etc	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
100	SEM VI	040121601 - PP	T4568	Soft Skills for Allied Health Professionals - II	60	CO1	Students must reflect upon their own learning, performance and/or achievement and plan for their personal, educational and career development.	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L
100					60	CO2	Become more effective, independent and confident self-directed learners;	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
100					60	CO3	Improve their general skills for study and career management;	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
100					60	CO4	Articulate their personal goals and evaluate progress towards their achievement	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L
100					60	CO5	Develop a positive attitude to learning throughout life.	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
101	SEM VI	040121602 - PP	T2234	Introduction to Management	60	CO1	Explain the basic types of business functions.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
101					60	CO2	Explain the the varied range of business organizations.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
101					60	CO3	Demonstrate an overview of various domains under organization Management.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
101					60	CO4	Illustrate the real-life examples based on management principles.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
101					60	CO5	Relate the management practices and use in healthcare industry.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
102	SEM VI	040121603 - PP	T4573	Biomedical Waste management	60	CO1	To understand the importance of Biomedical waste and the legal implications of it	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L
102					60	CO2	Understand and implement the correct methods of segregation of biomedical waste.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
102					60	CO3	Must know about the handling, disposal & treatment of biomedical waste.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L

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102					60	CO4	Follow precautions to prevent health hazards caused by biomedical waste.	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
103	SEM VI	040121604 - PP	T4574	Continuous Quality Improvement	60	CO1	Explain the concept of Continuous Quality improvement and its significance.	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L
103					60	CO2	Understand and describe the tools to achieve the continuous quality improvement .	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
103					60	CO3	Understand the significance of implementation and monitoring of continuous quality improvement in the era of accreditation.	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
103					60	CO4	Correlate the processes with respect to continuous quality improvement	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
104	SEM VI	040121605 - PP	T4575	Research Proposal Writing	60	CO1	Describe the format of a research proposal	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L
104					60	CO2	Understand the key components of research proposal.	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
104					60	CO3	Understand the various effective writing styles.	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
104					60	CO4	Demonstrate the process of selecting a relevant problem.	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L
105	SEM VI	040121606 - PP	T4450	Cardiac Catheterization – Basic	60	CO1	Work in the operation theatre, pre operative preparation room, post operative room and endoscopy clinic etc.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
105					60	CO2	Work in the postoperative recovery room, surgical ICU.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
105					60	CO3	Understand & perform sterilization procedure efficiently as per the requirements of Operation Theatre.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
105					60	CO4	Practice universal safety precautions in Cardiac Catheterization Theatre and maintaining Data.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
105					60	CO5	Practice aseptic Techniques to assist for cardiac catheterization.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
106	SEM VI	040121607 - PP	T4449	Nuclear Medicine Technology	60	CO1	Rebrush students knowledge about basic physics of radiation	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L
106					60	CO2	Make use of physics principals and develop knowledge of radiation generating equipments and use of different detectors.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L

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106					60	CO3	Understand physical and chemical properties of different radiopharmaceuticals;their methods of generation and biological compatibility/applications	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L
106					60	CO4	Understand planning,quality assurance and waste management of Nuclear Medicine facility from radiation safety point of view.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
106					60	CO5	Knowledge of instruments used in nuclear medicine and their working principles	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
107	SEM VI	040121608 - PP	T4569	Advanced Cardiac Life Support	60	CO1	Perform effective CPR for infant, child and adult.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
107					60	CO2	Should be able to use airway adjuncts, AED, Defibrillator	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L
107					60	CO3	Should be able to administer medications to emergency patients	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
107					60	CO4	Should be able to demonstrate megacodes and solve given case scenarios	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
107					60	CO5	Should know the algorithms for Cardiac arrest, stroke, Acute Coronary syndrome	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
108	SEM VI	040121609 - PP	T4177	Infection Control in RT	60	CO1	Able to explain the concepts of microbiology, common pathogenic bacteria, hospital acquired infections.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
108					60	CO2	Should practice various infection control methods.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
108					60	CO3	Understand importance of cleaning, equipment handling, patient handling & personal hygiene in infection control & practice them efficiently.	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L
108					60	CO4	Practice Biomedical waste segregation and disposal as per the rules and regulations	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
109	SEM VI	040121610 - PP	T4457	Pulmonary Rehabilitation & Home Care	60	CO1	To understand the scope of pulmonary rehabilitation and patient goals	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
109					60	CO2	To be able to achieve these goals through patient and family education, exercise training, psychosocial and behavioral intervention, and outcome assessment.	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
109					60	CO3	Must carry out effective patient assessment and be able to decide on therapeutic interventions based on the assessment	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
109					60	CO4	Have a disease specific approach in pulmonary rehabilitation	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
109					60	CO5	Be able to provide home respiratory care	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
110	SEM VI	040121611 - PP	T4458	Neonatal and Pediatric Respiratory Care-Basic	60	CO1	Should have understanding & knowledge of fetal growth & development	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
110					60	CO2	To be able to perform the basic assessment of the neonate	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L
110					60	CO3	To understand the basic knowledge of disease, its etiology & management.	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L
110					60	CO4	Should be able to perform mechanical ventilation and basic therapeutic interventions in Neonatal & pediatric ICU	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
110					60	CO5	Should be able to assist various respiratory care procedures in Neonatal & pediatric ICU	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
111	SEM VI	040121612 - PP	T4467	Cross Sectional Anatomy	60	CO1	Able to interpret the radiographic images of CT & MRI	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
111					60	CO2	Better understanding of the medical conditions to indentify pathologies	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L
111					60	CO3	Indepth knowledge and understanding of cross sectional anatomy of various organs	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
112	SEM VI	040121613 - PP	T4469	Interventional Radiology	60	CO1	Able to assist intervention radiologist with different procedures like angiography, angioplasty and stenting	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L
112					60	CO2	To be able to handle and assist in emergency situations during procedures	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
112					60	CO3	Knowledge about radiation protection principle, ALARA and radiation protection devices	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L
112					60	CO4	Knowledge about devices used during procedures	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
113	SEM VI	040121614 - PP	T4470	Latest Developments in Imaging	60	CO1	Detailed knowledge of tools & techniques used in imaging sciences	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L
113					60	CO2	Students must be aware of the new technological advances in the field of imaging sciences	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
114	SEM VI	040121615 - PP	T4478	Enzymology & Advanced Techniques	60	CO1	Understand the concepts of Enzymology alongwith the Theoretical and practical details	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L
114					60	CO2	Understand endocrine glands, the hormones secreted and their clinical significance.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
114					60	CO3	Demonstrate the various analytical Techniques and instrumentation involved in diagnostic laboratory.	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
114					60	CO4	Knowledge of the methods of evaluation, statistical techniques and informatics in laboratory operations	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
115	SEM VI	040121616 - PP	T4479	Basics of Diagnostic Immunology	60	CO1	Know the structure of immunological components such as Antigens, Antibodies, Complement system, Immune cells and organs.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
115					60	CO2	Understand the antigen and antibody reactions, hypersensitivity reactions and autoimmune disorders.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
115					60	CO3	Know the principles and working of serological testing for various immunological tests used for detection of pathogens such as bacteria, viruses and protozoa.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
115					60	CO4	Be able to perform various serological tests and be able interpret the results as per standard guidelines	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
115					60	CO5	Keep updated with newer advances in the techniques and automation in immunology	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L

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116	SEM VI	040121617 - PP	T4480	Histopathology and Cytology	60	CO1	Should know the histopathological techniques for tissue processing and taking frozen sections	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
116					60	CO2	Must be able to assist the pathologist during the processing, trimming and grossing of the tissues received for histopathological examination.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
116					60	CO3	Should be able to perform basic tissue stains like H & E staining and special stains like Congo red, PAS, reticulin stain	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
117	SEM VI	040121618 - PP	T4481	Virology & Mycology- Basic	60	CO1	Perform various laboratory techniques for diagnosis of viral and fungal infections.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
117					60	CO2	Method of collection & preservation of different specimens & transportation to the laboratory .	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
117					60	CO3	Carry out macroscopic & microscopic examination of different specimens and perform a primary smear examination.	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L
117					60	CO4	Cultivate & identify the fungi and report preparation..	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
117					60	CO5	Understand various viral and fungal infections, mode of transmission and pathogenesis	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
118	SEM VI	040121619 - PP	T4484	Quality Assurance	60	CO1	Understanding of Concept of Quality and Quality Standards applicable to dialysis.	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L
118					60	CO2	Understanding of auditing procedures	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
118					60	CO3	Well versed with Calculations for sets of data, including Mean, Mode, Median, Range and Standard Deviation, Graphical data presentation methods.	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
118					60	CO4	Understand the need for Quality Assurance in dialysis water systems.	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
119	SEM VI	040121620 - PP	T4485	Common Investigations in Dialysis	60	CO1	Knowledge of collection of proper specimen for investigations.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L

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119					60	CO2	Understanding the results & correlate it with the disease & dialysis.	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L
120	SEM VI	040121621 - PP	T4486	Safety practices & Patient Care in Dialysis	60	CO1	Understand the health and safety regulations and follow the standard precautions	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
120					60	CO2	Handling emergencies in nephrology like cardiac arrest, hemorrhage	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
120					60	CO3	Have knowledge about risks associated with dialysis and the preventive measures	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L
120					60	CO4	Handling complications during dialysis procedures.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
121	SEM VI	040121622 - PP	T4188	Assistance in Specialty Surgical Procedures	60	CO1	Able to take care of patient from the preoperative period till his couplet recovery from anesthesia in all aspects	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
121					60	CO2	Able to assist surgeons and anaesthesiologists by handling special equipment needed for Cardiothoracic, neuro, pediatric, orthopaedic surgery and anesthesia	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
122	SEM VI	040121623 - PP	T4173	Post-operative care	60	CO1	Students should be able to monitor patients post operatively in the recovery room and surgical ICU	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
122					60	CO2	Be able to handle monitors, ventilators, medical gases in the recovery area	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
122					60	CO3	Understand the importance of IV fluid therapy, Blood transfusion, pain therapy in post operative care	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Health Sciences Programme Name : Bachelor of Science (Radiotherapy)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
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1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	To train students in the technological aspects of radiation therapy with a good scientific foundation.
2	GA3	Eco-literate: sensitivity towards a sustainable environment	PO2	To practice radiation safety principles & provide optimum patient care.
3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	To strengthen their instrumentation understanding with respect to principle, operation and maintenance to deliver the treatment plan effectively.
4	GA2	Global citizenship: ethical, social and professional understanding	PO4	To train the students to adapt to the continuous & emerging advancements in the field of therapeutic Radiotherapy.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	To expose them to basics of research, management and cultivate analytical thinking.
6	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO6	To polish the soft skills as applicable in the healthcare sector & work competently in a team of radiation oncology department.
7	GA2	Global citizenship: ethical, social and professional understanding	PO7	To develop the sensitivity towards society, environment sustainability & empathy towards the patients.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
1	SEM III	040122301 - PP	T4441	Personality Development for Allied Health Professionals - I	60	CO1	Ability to build an impressive personality	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M
1					60	CO2	Develop self awareness and improve relationships with others	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
1					60	CO3	Carry out a SWOT analysis and capitalise on ones own strengths and work upon ones own weaknesses	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
1					60	CO4	Inculcate leadership qualities to take up leadership roles	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
2	SEM III	040122302 - PP	T4375	Principles of Radiation Oncology	60	CO1	Knowledge of radiation physics, its properties and applications in therapy.	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M
2					60	CO2	Applications of radio-isotope in therapeutic and nuclear medicine.	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
2					60	CO3	Able to establish a link between schemes of cancer treatment i.e radiotherapy, chemotherapy, surgery etc.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
2					60	CO4	Compare and study staging of cancer described by term TNM(tumor,nodes,metastasis).	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
2					60	CO5	Theoretical understanding of parameters used in radiation therapy i.e.dose, fractionation scheme.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L

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2					60	CO6	To follow safety regulations in order to prevent side effects of radiation.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
3	SEM III	040122303 - PP	T4376	Radiobiology	60	CO1	Interprete biological effects of radiation i.e. stochastic and deterministic.	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
3					60	CO2	Relate physical aspects of dose absorption in cell or tissue. i.e. dose, time fractions, cell cycle stage etc.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
3					60	CO3	Classify different effects of radiation on different organs of the body.	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
3					60	CO4	Extend theoretical understanding of parameters used in radiation therapy i.e.dose, fractionation scheme.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
3					60	CO5	Understanding theory of biological models and its development.	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
4	SEM III	040122304 - PP	T4577	Radiation Protection and Safety	60	CO1	Relate effects of ionising radiation and its mode of interaction.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
4					60	CO2	Knowledge of regulatory principles and philosophies of ICRP and AERB.	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
4					60	CO3	Proper use of personal monitoring and area monitoring devices.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
4					60	CO4	Thorough knowledge of commissioning of radiotherapy machines and to calculate shielding layout plan for safety.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
4					60	CO5	Identify and practice ways to optimize dose to radiation staff and general public.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
5	SEM III	040122305 - PP	T4578	Principles of Practical Radiotherapy	60	CO1	Study of teletherapy machine parameters and beam profile data in order to calculate dose in different technique used.	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
5					60	CO2	Select beam modifying devices to achieve desirable dose distribution in patients.	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L
5					60	CO3	Comparitive study of different modalities.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
6	SEM III	040122306 - PP	T4579	Patient Set-up & Radiotherapy Treatment	60	CO1	Selection of correct patient positioning protocol.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
6					60	CO2	Daily verification of patient positioning should be done else results in skin reaction.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L

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6					60	CO3	Extend patient care during and after each fraction, alertness towards pediatric, pregnant or lactating patients.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
6					60	CO4	Identify hierarchy of radiation treatment according to age, immunity & cancer stage.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
7	SEM III	040122307 - PP	T2883	Core Environmental Studies *	60	CO1	Be able to Understand the importance of conservation of environment	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
7					60	CO2	Have knowledge of the changing trends and deterioration of climate and other environmental elements	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
7					60	CO3	Be Aware and a responsible global Citizen	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
8	SEM V	040122501 - PP	T4567	Soft Skills for Allied Health Professionals - I	60	CO1	Students will learn the art of communicating with patients, clients, care givers and health care professionals	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
8					60	CO2	Develop self awareness and improve relationships with others	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M
8					60	CO3	Use efficient techniques for all forms of written and verbal communication	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
8					60	CO4	Take up leadership role to coordinate, delegate and supervise care safely and manage risk	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
9	SEM V	040122502 - PP	T4383	Clinical Oncology- I	60	CO1	Understand principles of oncology with basic knowledge of cell biology.	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L
9					60	CO2	Understand purpose of surgery, chemotherapy and radiotherapy.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
9					60	CO3	Understand principles of cancer management.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
9					60	CO4	Understand pharmacology of cancer biotherapeutics.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M
9					60	CO5	Extend knowledge towards clinical trials, cancer screening ,modes of diagnosis also prevention of cancer.	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
10	SEM V	040122503 - PP	T4646	Radiotherapy Dosimetry - II	60	CO1	With proper understanding of beam profile select photon or electron beam for treatment.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M
10					60	CO2	Apply all correct protocols for absolute, relative dosimerty of photon or electron beam.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M

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14					60	CO4	Describe quantitative, qualitative and mixed methods approaches to research.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
14					60	CO5	Be aware of the ethical principles of research, ethical challenges and approval processes.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15	SEM I	040122101 - PP	T4565	Anatomy I	60	CO1	To recognize different structures, organs and organ systems within the body.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
15					60	CO2	To have a knowledge about histology of different tissues and organs.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
15					60	CO3	The scope of this course is to provide a basic understanding of the structure of the human body.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
16	SEM I	040122102 - PP	T4429	Physiology I	60	CO1	To know the functions of parts of body, cells, tissues, organs and organ systems	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
16					60	CO2	To understand normal physiological variations	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
16					60	CO3	To identify disease state due to functional failure of the organ system	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
17	SEM I	040122103 - PP	T4948	Basic Biochemistry	60	CO1	To provide an introduction to the principal ideas in biochemistry theory and practice.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
17					60	CO2	Deliver the basic knowledge of biochemical functions and principles.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
17					60	CO3	Understanding of various laboratory instruments and their working principles	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
17					60	CO4	Understanding of basic biochemical tests, their principle and procedures along with their clinical applications	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
17					60	CO5	Understand the testing of biological samples and its clinical implications	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
18	SEM I	040122104 - PP	T4107	Basic Pharmacology	60	CO1	To know definition of drug, administration, actions, classification, care and storage of drugs	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
18					60	CO2	To know the basic drugs used in major diseases	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
18					60	CO3	To understand major side effects of commonly used drugs	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
19	SEM I	040122105 - PP	T4430	Hospital Practices and Patient Care I	60	CO1	To understand the hospital set up and its various departments and its functions.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
19					60	CO2	To be able to take a good history of patients and establish a rapport with them.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
19					60	CO3	To be able to check the vital signs of patients and differentiate between normal the abnormal signs.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
19					60	CO4	Students should be able to handle basic emergency conditions and provide first aid measures.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
20	SEM I	040122106 - PP	T4946	Basic Sciences	60	CO1	Able to understand the basic concepts of maths, chemistry & physics.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
20					60	CO2	Knowledge about applied mathematics, chemistry & physics.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
21	SEM I	040122107 - PP	T4427	Medical Ethics and Legal Aspects	60	CO1	Understand professional etiquettes practiced in health care organizations and its importance.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
21					60	CO2	Practice Professional ethics and positive attitude while dealing with patients.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
21					60	CO3	Imbibe the qualities of a healthcare professional and utilise professional communication.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
21					60	CO4	Understand importance of history taking with respect to ethics & legal aspects.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
21					60	CO5	Understanding about medical negligence and the handling of medicolegal patients.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
22	SEM I	040122108 - PP	T4947	Communication Skills for Allied Health Professionals - Foundation	60	CO1	Students must be able to use basic functional English language with good accuracy	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
22					60	CO2	Confident in the use of verbal and written communication in healthcare.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
22					60	CO3	Be able to write emails and enhance reading, listening and comprehension skills	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
23	SEM I	040122109 - PP	T4431	Sociology	60	CO1	Understanding about the culture, customs and moral values of people in society.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
23					60	CO2	Understanding the Family patterns in India.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M

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23					60	CO3	Understanding the mannerisms of patients in line with their education, religion and social backgrounds.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
24	SEM I	040122110 - PP	T4432	Psychology	60	CO1	To provide the basic understanding, principles and concepts of personality development and creative thinking.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
24					60	CO2	Learn the mannerism related to religion, social status and education..	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
24					60	CO3	Understand concepts to organizational problems related to Health sector.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
25	SEM I	040122111 - PP	T4433	Computer Skills	60	CO1	To acquaint the students with basic skills of Computers.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
25					60	CO2	To provide the hands on training on computers.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
26	SEM II	040122201 - PP	T4949	Basic Microbiology & Parasitology	60	CO1	To understand structure & characteristics of bacteria & parasites causing infections.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
26					60	CO2	To learn concept & application of sterilization & disinfection process.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
26					60	CO3	To know and understand the various methods of bacterial isolation and identification.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
26					60	CO4	To understand the fundamentals of immunity.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
27	SEM II	040122202 - PP	T4950	Pathology	60	CO1	To understand the pathological changes related to injury.	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M
27					60	CO2	To understand the concepts of diseases.	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M
28	SEM II	040122203 - PP	T4565	Anatomy-II	60	CO1	To recognise structures, organs and systems of the body.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
28					60	CO2	To have knowledge of surface anatomy of alimentary system, urinary system, reproductive system, endocrine system, nervous system and special senses.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
28					60	CO3	To understand the histology of different tissues & organs.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M
28					60	CO4	To understand the disease conditions of the various systems.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
28					60	CO5	To understand the diagnostic & treatment modalities of the disease conditions.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M

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29	SEM II	040122204 - PP	T4429	Physiology-II	60	CO1	To enumerate the functions of diferent parts of the body.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
29					60	CO2	To recognize normal physiological variations.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
29					60	CO3	To identify disease state due to functional failure of organ systems.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
30	SEM II	040122205 - PP	F0002	Hospital Practices & Patient Care-II	60	CO1	To understand and implement the universal precautions and infection control practices in the hospital.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
30					60	CO2	To practice professional ethics.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
30					60	CO3	To understand and implement the principles of patient care.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
30					60	CO4	To be able to handle and transfer injured patients.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
30					60	CO5	To assist patients with medical devices and those undergoing surgery.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
31	SEM II	040122206 - PP	T4435	Communication Skills for Allied Health Professionals Advanced	60	CO1	To achieve greater proficiency in English language skills	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
31					60	CO2	Confident in business reading, writing and creative communication	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
31					60	CO3	Be able to utilise social media for business communication and develop the art of networking	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32	SEM II	040122207 - PP	T4499	Medical Physics	60	CO1	To provides basic knowledge of physics.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
32					60	CO2	To understand physics principles.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
33	SEM II	040122209 - PP	T4439	Nutrition & Dietetics	60	CO1	To understand the various concepts of Nutrition.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
33					60	CO2	To know about the classification of food and the composition of various classes.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
33					60	CO3	To know the sources, functions and deficiency conditions of carbohydrates, proteins, fats, vitamins & minerals.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
34	SEM IV	040122401 - PP	T4447	Personality Development for Allied Health Professionals - II	60	CO1	Develop students personal capabilities to make them self sustainable	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M

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34					60	CO2	Students must define their personal goals and evaluate their progress towards achievement of these goals	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M
34					60	CO3	Develop good interpersonal skills, a positive attitude and the ability to resolve conflicts amicably	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M
34					60	CO4	Demonstrate these skills while interacting with patients	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
35	SEM IV	040122402 - PP	T4380	Principles of Brachytherapy & Teletherapy	60	CO1	Theoretical understanding of difference between tele and brachy therapy and their applications.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
35					60	CO2	Knowledge of brachytherapy concepts ,BT sources, construction and specifications of source i.e strength, activity etc.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
35					60	CO3	Comparison of LDR, MDR & HDR brachytherapy machine and its calibration.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
35					60	CO4	Brachytherapy safety planning, shielding calculations.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
35					60	CO5	Get acquainted with the characteristics of photon beam, beam profiles for different energies.	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M
35					60	CO6	Co-60 and LINAC dose calculations.	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
36	SEM IV	040122403 - PP	T4644	Practical Brachytherapy and Teletherapy	60	CO1	Able to understand LDR (low dose rate), MDR (medium dose rate) & HDR (high dose rate) machines and their practical applications.	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
36					60	CO2	To get thorough with brachy techniques- surface mould, implants, intracavity.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
36					60	CO3	Able to express brachytherapy development (History of systems).	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
37	SEM IV	040122405 - PP	T8000	Service Learning	60	CO1	Develop sensitivity towards community issues	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
37					60	CO2	To serve the community and enhancing the learning experience	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H
38	SEM IV	040122406 - PP	T4296	Self Defence	60	CO1	Develop defensive preventive attitude and views of ones lifestyle	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
38					60	CO2	Recognize and avoid potentially dangerous situations.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L

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38					60	CO3	Psychologically prepare the student for the possibility of an attack.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
38					60	CO4	Develop working knowledge of basic self-defense techniques from various disciplines.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
38					60	CO5	Acquire self-confidence, to instill the need and desire for physical conditioning, and a willingness to take affirmative action if actually assaulted.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
39	SEM IV	040122409 - PP	T6475	Creative Writing	60	CO1	To Explore classic and modern styles and techniques of writing across genres.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
39					60	CO2	To Appreciate the aesthetics of selected excerpts.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
39					60	CO3	To Experiment with ones own writing style.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
40	SEM IV	040122410 - PP	T6507	Cyber Law	60	CO1	To interpret various types of Cyber crimes	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
40					60	CO2	To apply teaching ways of securing from being a victim of cyber crime	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
40					60	CO3	To relate laws relating to cyber-crimes, social media use, etc.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
41	SEM IV	040122411 - PP	T6477	Introduction to Social Justice	60	CO1	To introduce the students to the concepts and practice of social justice in India as is	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
41					60	CO2	To critically examine the issues and practice of social justice in the context of specific	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
41					60	CO3	To locate issues and challenges to the practice of social justice in the present social, political	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
41					60	CO4	and economic context.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
42	SEM IV	040122412 - PP	T6284	Contemporary India and The World	60	CO1	To make the students interpret various growth models available to India over the centuries.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
42					60	CO2	To demonstrate these models, their adaptability and suitability and also show impact upon India's developmental strategy.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
42					60	CO3	To relate the transition from a colonial to a post-colonial society through the medium of literature	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L

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42					60	CO4	To write, discuss and debates upon the newly created identities like 'diaspora' and third Worldism	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
42					60	CO5	To show the students the cultural connotations of the globalism and localism of India in contemporary world.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
43	SEM IV	040122413 - PP	T6604	World Music	60	CO1	summarize & Aplly debates related to world music, accounting for both their strengths and limitations.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
43					60	CO2	formulate a unique critical perspective that brings these debates forward	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
43					60	CO3	define and identify the basic elements of musical style, such as scale, rhythm, meter, mode etc	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
44	SEM IV	040122414 - PP	SWM01	Theater	60	CO1	To relate to theater as literature & performing arts.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
44					60	CO2	To interpret the various elements involve in making.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
44					60	CO3	To use the inputs offered & to write once own prospective.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
44					60	CO4	To choose to watch a show	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
44					60	CO5	To prepare view point while attempting	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
44					60	CO6	To practice this form of theatre	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
44					60	CO7	To dramatize of existing or prepared scripts	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
45	SEM IV	040122415 - PP	T6604	Political Science	60	CO1	This course will provide students with the background of some of the important theoretical concepts which make up contemporary world.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
45					60	CO2	The course will help the students in understanding the concepts and also to look critically at some of the major debates that have shaped the contours of these concepts and ideas.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
45					60	CO3	The course will help the students in engaging with the happenings in the world at large with the aid of these ideas in their institutional practices.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
46	SEM IV	040122416 - PP	T6487	Film Appreciation	60	CO1	To demonstrate skills related to watching and listening, to films, comprehension, critical thinking and expression.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L

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46					60	CO2	To illustrate the how to understand films	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
46					60	CO3	To demonstrate a critical grasp on cinematic practices.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L
47	SEM VI	040122601 - PP	T4568	Soft Skills for Allied Health Professionals- II	60	CO1	Students must reflect upon their own learning, performance and/or achievement and plan for their personal, educational and career development.	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M
47					60	CO2	Become more effective, independent and confident self-directed learners;	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H
47					60	CO3	Improve their general skills for study and career management;	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M
47					60	CO4	Articulate their personal goals and evaluate progress towards their achievement	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
47					60	CO5	Develop a positive attitude to learning throughout life.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
48	SEM VI	040122602 - PP	T4387	Clinical Oncology - II	60	CO1	Familiarise with clinical oncology study of cancer of different body systems	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
48					60	CO2	Understand oncological periferal support- clinical emergies, assess effect of treatment, psychologiacal supports etc	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H
48					60	CO3	Principle of different modalities used in cancer management.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H
49	SEM VI	040122603 - PP	T4583	Radiotherapy Machines & Instrumentation & Quality Assurance	60	CO1	Thorough knowledge of radiation generating equipments and it optimized use.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
49					60	CO2	Understanding of beam profiles of photon and electron beam and select for treament accordingly.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
49					60	CO3	Apply proper QA protocols and perform acceptance testing for teletherapy machines.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
49					60	CO4	Perform QA programs for LINAC and make optimizes use of machine.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
49					60	CO5	Ensure good working condition for radiation workers and verify dose level within accepted limits given by AERB.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
50	SEM VI	040122604 - PP	T4569	Advanced Cardiac Life Support (ACLS)	60	CO1	Perform high quality CPR for infant, child and adult.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H

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50					60	CO2	Should be able to utilise the correct technique of bag mask ventilation and basic airway adjuncts.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
50					60	CO3	Should be able to use an AED, Defibrillator.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
50					60	CO4	Should be able to administer emergency medications and should know the routes of drug administration.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
50					60	CO5	Should be able to apply the elements of mega code.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
50					60	CO6	To be able to recognise and handle emergencies like stroke, ACS, respiratory arrest and arrhythmias.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
51	SEM VI	040122605 - PP	T2234	Introduction to Management	60	CO1	Explain the basic types of business functions.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
51					60	CO2	Explain the the varied range of business organizations.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
51					60	CO3	Demonstrate an overview of various domains under organization Management.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
51					60	CO4	Illustrate the real-life examples based on management principles.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
51					60	CO5	Relate the management practices and use in healthcare industry.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
51					60	CO7	Should be able to solve given case scenarios.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
52	SEM VI	040122606 - PP	T4584	Recent Advances in Radiotherapy	60	CO1	Get familiar with new developments in radiation therapy technology.	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
52					60	CO2	Understand the requirement and select treatment modality.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
52					60	CO3	Able to distinguish between different machines.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
52					60	CO4	concepts of various advanced techniques - IMRT, SRS, SBRT, VMAT, FFF, IGRT, Adaptive RT.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Health Sciences Programme Name : Master of Business Administration (Hospital and Healthcare Management)

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
15	SEM I	040141113 - PP	T4003	Planning & Management of Hospital Supportive Services	60	CO1	To understand various aspects of planning, operating and managing different utility services in hospitals.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO2	To understand and assimilate the role of supportive services in the functioning of a hospital and to understand the inter and intra departmental relationships.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15					60	CO3	To understand the details of contracting/outsourcing of support services.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
16	SEM I	040141116 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
16					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
16					60	CO3	To train students to perform First aid and CPR in an emergency	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
17	SEM II	040141201 - PP	T2216	Business Statistics	60	CO1	To enable students to present, analyze and interpret data.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
17					60	CO2	To enable students to use concepts of probability in business situations.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
17					60	CO3	To enable students to make inferences from samples drawn from large datasets.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
17					60	CO4	To enable students to apply univariate and multivariate statistical techniques.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
18	SEM II	040141202 - PP	T2114	Essentials of Marketing Management	60	CO1	Apply the fundamental concepts of marketing to the industry.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M

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18					60	CO2	Examine Marketing perspectives essential for all managers today	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
18					60	CO3	Analyse the marketing strategies of companies.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
18					60	CO4	Experiment with out of the box thinking which will help them to develop innovative marketing strategies.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
19	SEM II	040141203 - PP	T2777	Management Accounting	60	CO1	To understand the concepts and fundamentals of management accounting	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
19					60	CO2	To apply the concepts in managerial planning, decision making, controlling	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
19					60	CO3	To evaluate alternative solutions to given problem and to arrive at decisions	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
19					60	CO4	To use management accounting tools and techniques for estimating and evaluating	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
20	SEM II	040141204 - PP	T3188	MIS for Hospitals	60	CO1	To understand the concepts and fundamentals of management Information System	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
20					60	CO2	To evaluate the effectiveness of Management Information Systems	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
20					60	CO3	To be able to apply the concepts into practise	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
20					60	CO4	To design a Management Information System specific to organization requiements	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M

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21	SEM II	040141205 - PP	T4007	An Overview of Health Insurance	60	CO1	Be aware of the concepts of risk, conceptual mechanism of insurance and health insurance, principles of insurance .	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
21					60	CO2	Be well versed with historical development of health insurance, principles and practice of health insurance..	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
21					60	CO3	Have knowledge of basic products in health insurance.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
21					60	CO4	Understand organization, regulation and management of health insurance companies	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
21					60	CO5	Develop an awareness of internal operations of health insurance companies	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
21					60	CO6	Know the concept of community health insurance.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
22	SEM II	040141206 - PP	T4006	An Overview of Pharmaceutical Sector	60	CO1	To understand and analyze facets of Pharma industry	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
22					60	CO2	To identify the trends in the Pharmaceutical Sector with PESTLE approach	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
22					60	CO3	To analyze relationship between the pharmaceutical and healthcare Management	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
22					60	CO4	To understand and associate ethical principles of Pharmaceutical sector for the benefit of community	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
23	SEM II	040141207 - PP	T4008	Health Regulatory Environment	60	CO1	The students will be able to effectively handle situations during their working lives.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M

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23					60	CO2	They will be able to interpret the provisions of the various laws whenever called upon to do so.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
23					60	CO3	They will have an insight into the legal systems, which they can apply in their organizations.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
24	SEM II	040141208 - PP	T4301	Study Report :Public health Sector Undertakings / Healthcare Govt. agencies	60	CO1	To be able to differentiate between private and public health sector	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
24					60	CO2	To be able to identify the problems prevalent in the pubcl health settings	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
24					60	CO3	To be able to suggest and apply the solutions for improving public health organizations	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
25	SEM II	040141209 - PP	T2219	Operations Research	60	CO1	To understand about the scope and application of OR in health settings	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
25					60	CO2	To comprehend the various tools of OR for solving health setting related problems	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
25					60	CO3	To apply the OR tools for solvign the health settings issues.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
26	SEM II	040141210 - PP	T4598	Conceptualization & Management of Events - I	60	CO1	The course is aimed at motivating students to actively participate in co-curricular and extracurricular events organized by SIHS like Panache and recognize their efforts.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
26					60	CO2	It will enhance students ability in planning, organizing, and managing overall responsibilities that comes with organization of events.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M

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26					60	CO3	Students working under various portfolios and committees will have in-depth understanding of the same.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
26					60	CO4	It will aid in developing various managerial aspects like effective team work, instill in them leadership quality by undertaking ownership of various event related activities.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
27	SEM II	040141211 - PP	T4010	Non Profit Sector in Healthcare	60	CO1	To understand the role of Non Profit Sector in improving assessibility of health services	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
27					60	CO2	To understand fund raising mechanisms	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
27					60	CO3	To understand capacity building & community engagement	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
28	SEM II	040141212 - PP	T4009	An Overview of Clinical Research	60	CO1	To provide an overview of the topic of clinical research so that students can get employment in clinical research industry.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
28					60	CO2	To stimulate the interest of the student in clinical research and help them to understand the importance of research in their normal work schedule.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
29	SEM II	040141213 - PP	T6562	Writing a Research Proposal RM III	60	CO1	Students will use this course to produce a formal research proposal.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
29					60	CO2	Students will prepare and submit a detailed research proposal is the primary objective.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
30	SEM III	040141301 - PP	T2253	Summer internship programme	60	CO1	To identify the problems of health settings	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M

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34					60	CO3	To understand value creation & conversion processes towards customer satisfaction & how to make it more effective	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
35	SEM III	040141305 - PP	T4012	Organisation & Administration of Super Specialty Hospitals	60	CO1	Planning and organization of various super specialities.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
35					60	CO2	Management issues related to various super specialities.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
35					60	CO3	Special equipments needed for various specialities and issues related to their maintenance.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
35					60	CO4	Issues related to rehabilitation of these special patients.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
36	SEM III	040141305 - PP	T4012	Operations Research	60	CO1	To enable learners to comprehend the evolution of Operation research and its significances in businesses	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
36					60	CO2	To enable learners to formulate decision making models encountered in businesses	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
36					60	CO3	To enable learners to analyze business problems using the power of well- known operational research tools and techniques	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
37	SEM III	040141306 - PP	T2193	Project Management	60	CO1	To understand and learn major aspects of project management	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
37					60	CO2	To discuss various concepts, tools & techniques of project management.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
37					60	CO3	To discuss various issues related to project planning and scheduling	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M

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40					60	CO6	Occupational & social security and their health schemes.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
41	SEM III	040141310 - PP	T4015	Comparative Health Systems	60	CO1	The students will gain an understanding of the origins, organization and functioning of a range of international healthcare systems. Through comparisons of these different global healthcare systems, students will be able to appreciate the varied healthcare challenges faced by different countries and their success and failure stories in comparison to Indian system.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
42	SEM III	040141310 - PP	T4015	Conceptualization and Management of Events - II	60	CO1	The course is aimed at motivating students to actively participate in co-curricular and extracurricular events organized by SIHS like Panache and recognize their efforts.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
42					60	CO2	It will enhance students ability in planning, organizing, and managing overall responsibilities that comes with organization of events.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
42					60	CO3	Students working under various portfolios and committees will have in-depth understanding of the same.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
42					60	CO4	It will aid in developing various managerial aspects like effective team work, instill in them leadership quality by undertaking ownership of various event related activities.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
43	SEM III	040141311 - PP	T4298	Organisation & Administration of Super Specialty Hospitals	60	CO1	Planning and organization of various super specialities.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M

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43					60	CO2	Management issues related to various super specialities.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	
43					60	CO3	Special equipments needed for various specialities and issues related to their maintenance.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	
43					60	CO4	Issues related to rehabilitation of these special patients.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	
44	SEM III	040141312 - PP	T2227	Health Economics	60	CO1	An awareness & understanding of the determinants of supply & demand related to healthcare.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	
44					60	CO2	The capability to analyze the cost/benefit variables of healthcare, correlation of other modules of business administration to optimize healthcare related microeconomics, in a specified population or hospital/department	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
45	SEM III	040141313 - PP	T4603	National Health Programme	60	CO1	To educate them about important National Health Problems.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
45					60	CO2	Give detailed knowledge of government of Indias policies& different programmes.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	
45					60	CO3	This will provide them with managerial skills for prevention & control of communicable & non-communicable diseases in the country.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
46	SEM III	040141314 - PP	T4604	Healthcare IT-1	60	CO1	To understand IT applications in healthcare	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	
47	SEM III	040141315 - PP	T4605	Healthcare Insurance 1	60	CO1	To study the concept of risk.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M

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47					60	CO2	To study the organization, regulation and management of health insurance companies.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
47					60	CO3	To describe internal operations of health insurance companies	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
47					60	CO4	To design various health insurance products emphasizing the social security aspect of health insurance	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
48	SEM III	040141316 - PP	T4872	Pharmaceutical Management 1	60	CO1	To gain comprehensive understanding of various facets of Pharma industry & its role in healthcare management.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
48					60	CO2	To enable students to build a career in Pharma management industry.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
49	SEM III	040141317 - PP	T1253	Introduction to Business Intelligence	60	CO1	Business Intelligence is a top priority among many companies today. Various companies are planning to increase Business Intelligence investments, making BI their top technology priority.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
49					60	CO2	To provide greater business insight for all levels of the corporation, from executive staff to line of business managers and other staff.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
50	SEM III	040141318 - PP	T2087	Business Modeling and Planning	60	CO1	To develop an insight to concepts, principles and techniques of business planning & modeling	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H

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53					60	CO2	To equip managers of today's world with emerging opportunities and challenges in the domain of governance within corporate context by linking the micro context (corporate governance) to that of macro context in a state and global context	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
54	SEM IV	040141403 - PP	T4805	Project	60	CO1	To identify the problems of health settings	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
54					60	CO2	To design the protocol for solving the identified problem	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
54					60	CO3	To apply the research tools	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
54					60	CO4	To suggest solutions to the health setting organizations	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
55	SEM IV	040141404 - PP	T4704	Dissertation	60	CO1	To identify the problems of health settings	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
55					60	CO2	To design the protocol for solving the identified problem	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
55					60	CO3	To apply the research tools	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
55					60	CO4	To suggest solutions to the health setting organizations	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
56	SEM IV	040141405 - PP	T2647	Introduction to Entrepreneurship	60	CO1	To develop an entrepreneurial mindset	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
56					60	CO2	To appraise the entrepreneurial process starting with pre-venture stage	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M
56					60	CO3	To relate to practical aspects of starting a company	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
56					60	CO4	To select models for venture creation	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M

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57	SEM IV	040141406 - PP	T4018	Emerging Trends in Healthcare Sector	60	CO1	To make students aware of the emerging trends that would empower the students understand the mechanics of various newer activities in healthcare	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
57					60	CO2	To enable students to understand the applications of newer trends in healthcare	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
58	SEM IV	040141407 - PP	T4017	Industrial Regulatory Environment	60	CO1	The students will be able to effectively handle situations during their working lives.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
58					60	CO2	They will be able to interpret the provisions of the Labour laws whenever called upon to do so.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
58					60	CO3	They will have an insight into the social security legislations, which they can apply in their organizations	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
59	SEM IV	040141408 - PP	T4606	Healthcare IT-2	60	CO1	To understand IT applications in healthcare	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
60	SEM IV	040141409 - PP	T4607	Healthcare Insurance 2	60	CO1	To study the concept of risk.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
60					60	CO2	To study the organization, regulation and management of health insurance companies.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
60					60	CO3	To describe internal operations of health insurance companies.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
60					60	CO4	To study different departments and its operational management aspect.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
61	SEM IV	040141410 - PP	T4608	Pharmaceutical Management 2	60	CO1	To gain comprehensive understanding of various facets of Pharma industry & its role in healthcare management.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M

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61					60	CO2	To enable students to build a career in Pharma management industry.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
61					60	CO3	To analyze relationship between the pharmaceutical and healthcare Management.	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M
61					60	CO4	To understand and associate ethical principles of Pharmaceutical sector for the benefit of community.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Health Sciences Programme Name : Master of Science (Medical Technology)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	To mentor students in the technological aspects of medical care with a robust scientific foundation.
2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	To groom students to competently assist the Physician & Surgeon, especially in high-tech medical procedures to cater to the health care industry globally.
3	GA1	Scholarship: research, inquiry and lifelong learning	PO3	To coach the students to adapt to the continuous & emerging advancements in the field of Medical Technology.
4	GA1	Scholarship: research, inquiry and lifelong learning	PO4	To train students in developing their research interests.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	To develop the teaching ability and improve their interest in academics.
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	To refine the soft skills as applicable in the healthcare sector.
7	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO7	To hone the practical skills to make them industry ready.
8	GA3	Eco-literate: sensitivity towards a sustainable environment	PO8	To cultivate the sensitivity towards society & empathy towards the patients.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	SEM I	040143101 - PP	T2225	Biostatistics & Basic Epidemiology	60	CO1	To explain varuios concepts in epidemiology	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
1					60	CO2	Contribution to students intalectually and professionally	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
1					60	CO3	To make them experts in rational approach in with analytical mind for all problems	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
1					60	CO4	To make students aware of the recent trend in the subject taught	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
2	SEM I	040143102 - PP	T4497	Research Methodology	60	CO1	To understand the imporrtance & Methodology for research	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
2					60	CO2	To understand& able to do review of Literature & hypothesis	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
2					60	CO3	To learn in deatail about sampling,probality,and sampling distribution,significance tests,corelation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
2					60	CO4	To have an idea of hoe to read,interpret and write a scientific document	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
3	SEM I	040143103 - PP	T4004	Teaching Methodology - I	60	CO1	To develop the presentation skills& teaching ability among students	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
3					60	CO2	To help students to discuss concepts	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
3					60	CO3	To encourage students in deatail studies and analysis of subject thought	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
3					60	CO4	To make students aware of the recent trend in subject taught	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
4	SEM I	040143104 - PP	T4495	IT Applications for Allied Health Care	60	CO1	Learn IT applications in medicine and allied health carte field	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H

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4					60	CO2	Introduction to health informatics	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H
5	SEM I	040143105 - PP	T4494	Medical Physics	60	CO1	To provide basic knowledge of physics in medicine	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
5					60	CO2	Physical principles & its interaction with tissue	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
6	SEM I	040143106 - PP	T4797	Electro-Physiology, ECG and Stress Test Technique	60	CO1	To demonstrate the skills of a cardiac technologist in obtaining an ideal ECG.	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
6					60	CO2	To be able to differentiate normal & abnormal ECGs.	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
6					60	CO3	To take care of and maintain ECG machines.	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
7	SEM I	040143107 - PP	T4493	Etiopathogenesis of Heart Disease	60	CO1	To gain overall information about the etiology & structural abnormalities heart diseases	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
7					60	CO2	Understand the causes of Heart Diseases	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
7					60	CO3	Learn the application of etiology of heart diseases for the assessment of cardiac patient	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L
7					60	CO4	To diagnose the cardiovascular disease by examination of patient	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
7					60	CO5	To diagnose a disease after taking history of the patient and with the help of various etiological factors	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
8	SEM I	040143108 - PP	T4819	Cardiology Basics and Chest Roentgenogram	60	CO1	Understand physical examination techniques.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
8					60	CO2	Understand clinical examination techniques.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
8					60	CO3	Understand various pathologies related to heart with the help of chest x-ray.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H

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8					60	CO4	Learn how to perform patient assessment	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
9	SEM I	040143109 - PP	T4820	Development of Cardiovascular System and Circulation (Fetal, Neonatal & Adult)	60	CO1	To understand the structural development of the cardiovascular system	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
9					60	CO2	To understand developmental abnormalities in Cardiovascular System.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
10	SEM I	040143110 - PP	T4818	Biochemistry	60	CO1	To learn about the instruments (i.e. biochemical analyzer) in the clinical laboratory.	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
10					60	CO2	To gain deep knowledge of the use of biochemical reaction in testing in the clinical laboratory	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
10					60	CO3	To be able to use the knowledge for conducting various biochemical tests in the clinical laboratory	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
10					60	CO4	Learn to interfere the result of biochemical test in the clinical laboratory.	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
11	SEM I	040143111 - PP	T4512	Parasitology	60	CO1	To understand the various parasitic infections, mode of transmission and pathogenesis.	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
11					60	CO2	Should able to perform techniques used for diagnosis of parasitic infections.	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
11					60	CO3	Should able to identify parasites, cysts, eggs, larval forms macro / microscopically	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
12	SEM I	040143112 - PP	T4522	Systemic Bacteriology	60	CO1	Be able to perform routine staining techniques in bacteriology & its microscopy.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H

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12					60	CO2	Follow standard universal precautions.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
12					60	CO3	Be able to identify & test the antibiotic susceptibilities of an isolate using the common techniques.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
12					60	CO4	Be able to work with infectious microorganisms	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
13	SEM I	040143113 - PP	T4809	Clinical Pathology	60	CO1	To gain in depth knowledge of various pathologies seen in the lab.	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
13					60	CO2	To be able to use knowledge of various pathological condition in the clinical laboratory.	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
13					60	CO3	To be able to interpret the results in the clinical laboratory	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
14	SEM I	040143114 - PP	T4873	Aetio-Pathology of Renal Disease	60	CO1	To obtain overall information of the pathology, structural abnormalities and symptoms of kidney diseases.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M
14					60	CO2	To gain knowledge of common medications used in dialysis, its administration & side effects	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M
14					60	CO3	To learn total patient care during dialysis & dietary management	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M
14					60	CO4	To understand the disease etiology, Pathology & pathogenesis, clinical features, diagnosis and management of renal diseases	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
14					60	CO5	To know total patient care during dialysis & dietary management.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M

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14					60	CO6	Understand kidney transplant, pre & post-operative management	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
15	SEM I	040143115 - PP	T4029	Renal Pharmacology	60	CO1	To gain the knowledge and application of the drugs used for renal problems	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M
15					60	CO2	Understand the problems related to overdose of drugs and the side effects of the drugs	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
15					60	CO3	Understand reactions occurring due to intake of wrong medication	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M
15					60	CO4	Focus on management of renal patients	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M
15					60	CO5	To understand the relation between the different systems of the body and the corticosteroids	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M
16	SEM I	040143116 - PP	T4072	Water Treatment	60	CO1	To understand methods of treatment employed by water supply companies	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H
16					60	CO2	Learn the classification of contaminants.	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H
16					60	CO3	Understand monitoring & disinfection of water treatment	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H
16					60	CO4	Understand the necessity to treat potable water for use in dialysis.	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H
16					60	CO5	To understand the need for chemical limits.	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H
16					60	CO6	Learn the evaluation of feed water quality, including hardness.	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H
17	SEM I	040143117 - PP	T4829	Renal Anatomy and Physiology	60	CO1	To understand the Anatomy & Physiology of the Excretory system	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M

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27					60	CO4	To understand the management with the help of mechanical ventilation.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
28	SEM I	040143128 - PP	T4856	Cardiopulmonary Diseases	60	CO1	To diagnose cardio pulmonary diseases by effective history taking and clinical examination of patients	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
28					60	CO2	To interpret the investigation reports and correlate them with the clinical findings	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
28					60	CO3	To understand the various treatment modalities for the respective cardiopulmonary diseases	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
29	SEM I	040143129 - PP	T4498	Basic Sciences (Anatomy and Physiology)	60	CO1	To gain overall information of the structural and functional development of the respiratory system	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
29					60	CO2	To correlate the gained knowledge with the technical procedures	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
30	SEM I	040143130 - PP	T4499	Cardiopulmonary Pharmacology	60	CO1	To gain knowledge about the different medicines to be given in pulmonary diseases	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
30					60	CO2	To learn how much doses and mode of administration to be used	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
30					60	CO3	To understand the side effect and reactions occurring due to intake of wrong medication	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
30					60	CO4	To understand the problems related to overdose of drugs	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
31	SEM II	040141116 - PP	T4005	Integrated Disaster Management	60	CO1	To create awareness of various aspects of disasters, its preparedness and management.	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M

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31					60	CO2	To instill a knowledge on reducing disaster risks and vulnerability and capacity building through community participation	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
31					60	CO3	To assess need & Perform First aid and CPR in an emergency situation.	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M
32	SEM II	040143201 - PP	T2216	Business Statistics	60	CO1	To enable the students to present,analyse,and interpret data	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M
32					60	CO2	To enable the students to use concepts of probability in business situations	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H
32					60	CO3	To enable the students to make inferences from samples drawn from large datasets.	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H
32					60	CO4	To enable the students to apply univariate amd multivariate statistical techniques.	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
33	SEM II	040143202 - PP	T4023	Pathology and Case Presentation- I	60	CO1	The subject will discuss different approaches to judgment and decision making from an analytical perspective.	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H
33					60	CO2	Students will be exposed to tools that they can use in their professional practice to make and evaluate their judgment and decision making	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M
33					60	CO3	Abnormality Recognition, Judgment and decision making regarding lab techniques, its protocols, clinical indications, pathology shown and patient management.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M
34	SEM II	040143203 - PP	T2560	Principles and Practices of Management	60	CO1	Understand the basics of business theory and compared business principles,practices,skills	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M

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34					60	CO2	Understand the role of strategic analysis and implementation in business	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
35	SEM II	040143204 - PP	T4874	Teaching Methodology -II	60	CO1	It develop the presentation skills & teaching ability among students.	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M
35					60	CO2	It help students to discuss concepts.	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
35					60	CO3	Encourages students in detail studies and analysis of the subject taught.	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M
35					60	CO4	Makes students aware of the recent trend in the subject taught.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
35					60	CO5	Development in presentation skills & Develop interest in academics.	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L
36	SEM II	040143205 - PP	T4045	Review of Literature - I	60	CO1	To conduct a literature review on the topic that has been finalized	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M
36					60	CO2	To finalized the literature review that can be in reasearch proposal	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M
37	SEM II	040143207 - PP	T4798	Computer Language	60	CO1	To provides the concept of programming & basic knowledge of computer programming language C	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L
37					60	CO2	To have the students become competent in writing C programming and apply knowledge in Medical Field	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
38	SEM II	040143208 - PP	T4799	Emerging Trends in Allied Health Care	60	CO1	To be aware of the emerging trends would empouer the students understand the mechanics of various newer activities in the hospital.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M

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38					60	CO2	To be able to do a cost benefit analysis of these trends	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
39	SEM II	040143209 - PP	T4800	Echocardiography and Peripheral Doppler - I	60	CO1	Describe the applied Anatomy & Physiology & Pathology.	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M
39					60	CO2	To interpret positioning of heart muscles & valves in echocardiography	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M
40	SEM II	040143210 - PP	T4821	Clinical Cardiology	60	CO1	To provide adequate knowledge regarding pathophysiology of cardiovascular system.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
40					60	CO2	To provide adequate knowledge on cardiac pharmacology.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
40					60	CO3	To provide adequate knowledge on cardiac diseases & developmental anomalies of cardiovascular system.	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M
40					60	CO4	To be able to apply this knowledge in the care & management of cardiac patient	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M
41	SEM II	040143211 - PP	T4822	Clinical Haematology	60	CO1	Knowledge of the physiological and pathological variation in the hematological parameters.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
41					60	CO2	Knowledge of the investigations performed in different diseases of the blood.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
41					60	CO3	To know about reference ranges of hematological parameters.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
41					60	CO4	To be able to work in hematology lab.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
41					60	CO5	To care and maintain instruments in a hematological lab	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H

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42	SEM II	040143212 - PP	T4823	Diagnostic Microbiology	60	CO1	Understand & follow the principles of standard precautions, hazard groups and containment in bacteriology laboratory.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H
42					60	CO2	To gain knowledge about the laboratory diagnosis of different microbial agents in specimens like urine, stool, pus etc.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H
42					60	CO3	To get trained enough to be able to perform procedures used to diagnose microbial infections in the laboratory.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H
42					60	CO4	To be able to identify various microbial infections in different body systems & their susceptibility	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H
43	SEM II	040143213 - PP	T4810	Instrumentation in Clinical Laboratory	60	CO1	Be able to put on & off the equipment.	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
43					60	CO2	Be able to explain the principle of working.	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
43					60	CO3	Know how to operate the equipment & perform various related investigations.	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
43					60	CO4	Do daily, weekly & monthly maintenance.	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
44	SEM II	040143214 - PP	T4811	Clinical Nephrology	60	CO1	To gain the adequate knowledge of patient assessment in renal diseases	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
44					60	CO2	To apply knowledge of laboratory & imaging investigations for diagnosing renal diseases.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
44					60	CO3	Focus to interpret investigatory reports of renal patients	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H

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45	SEM II	040143215 - PP	T4527	Theory and Principles of Haemodialysis	60	CO1	To conduct hemodialysis efficiently	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
45					60	CO2	Learn how to understand how to operate dialysis machine	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
45					60	CO3	Understand how to communicate with patient	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
45					60	CO4	Learn aseptic technique	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M
45					60	CO5	Learn safety precautions and data maintaince	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
46	SEM II	040143216 - PP	T4808	Dialysis Equipment	60	CO1	To understand the principle of the hemodialysis & peritoneal dialysis equipment	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H
46					60	CO2	Learn to operate the equipment & perform various related investigations	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
46					60	CO3	Learn the correct calibration of equipment for the intended activities	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
46					60	CO4	Focus on quality assurance of the equipment	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
47	SEM II	040143217 - PP	T4832	Techniques in X-Ray and Mammography	60	CO1	To be able to interpret the radiographic images & find out the abnormalities if any like fractures, tumors etc.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H
47					60	CO2	To have a better understanding of the medical conditions and to perform the duties more efficiently.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H
47					60	CO3	To produce better images and understand the images when produced	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H

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48	SEM II	040143218 - PP	T4833	Image Interpretation (X-Ray and Mammography)	60	CO1	To be able to know the normal structure of the skeletal system	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H
48					60	CO2	To be able to correlate the abnormalities in diseased condition	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H
48					60	CO3	To be able to diagnose abnormalities, diseases, physiological and pathological conditions on X-rays	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M
49	SEM II	040143219 - PP	T4834	Imaging Equipment (II)-Computed Tomography (CT)	60	CO1	To understand the working of basic & advanced CT machineries	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H
49					60	CO2	To handle basic & advanced CT machineries with maximum output	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H
49					60	CO3	To gain knowledge on the principle of physics and electronics related to computed tomography and its application	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H
50	SEM II	040143220 - PP	T4846	Imaging Equipment and Techniques in Ultrasonography (USG)	60	CO1	To build Strong-H background knowledge of Physics and Electronics related to the X-ray and USG Equipment.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H
50					60	CO2	To educate the students on the principles of working of X-Ray & USG equipment.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H
50					60	CO3	To upgrade the students in recent advances of imaging techniques.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H
51	SEM II	040143221 - PP	T4847	Techniques in Anesthesia	60	CO1	To understand the local, regional, spinal & general anaesthesia techniques.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L
51					60	CO2	To understand the importance of pain relief therapy	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M

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54					60	CO4	To understand the complications that can arise due to mechanical ventilation	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
54					60	CO5	To know how to wean and monitor patients off ventilator	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
55	SEM II	040143225-PP	T4859	Critical Care Medicine-I	60	CO1	Be able to understand the typical clinical presentation	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
55					60	CO2	To know the etiology of these conditions	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
55					60	CO3	Understand the diagnostic work-up of these conditions	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
55					60	CO4	Have a working knowledge of the management of these critically ill patients	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
55					60	CO5	Understand the pathophysiology of how these conditions make the patients critically ill	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
56	SEM III	040143301-PP	T4043	Review of Literature -II	60	CO1	To conduct a literature review on the topic that has been finalized	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M
56					60	CO2	To finalized the literature review that can be in reasearch proposal	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M
57	SEM III	040143302-PP	T5090	Pathology and Case Presentation-II	60	CO1	The subject will discuss different approaches to judgment and decision making from an analytical perspective.	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H
57					60	CO2	Students will be exposed to tools that they can use in their professional practice to make and evaluate their judgment and decision making	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M

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57					60	CO3	Abnormality Recognition, Judgment and decision making regarding lab techniques, its protocols, clinical indications, pathology shown and patient management.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M
58	SEM III	040143303 - PP	T4063	Teaching Methodology -III	60	CO1	It develop the presentation skills & teaching ability among students.	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
58					60	CO2	It help students to discuss concepts.	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
58					60	CO3	Encourages students in detail studies and analysis of the subject taught.	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
58					60	CO4	Makes students aware of the recent trend in the subject taught.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
58					60	CO5	Development in presentation skills & Develop interest in academics.	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L
59	SEM III	040143304 - PP	T4571	Hospital Information System	60	CO1	Explain various concepts of information & information processing	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
59					60	CO2	Illustrating principles of IT	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
59					60	CO3	Arrive at solutions to define roles & processes of IT	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
60	SEM III	040143305 - PP	T4506	Innovation and Entrepreneurship	60	CO1	Develops skills for evaluating, articulating, refining, and pitching a new product or service offering, either as a start-up business or a new initiative within an existing firm.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
61	SEM III	040143306 - PP	T4801	Community Project	60	CO1	Enables the student to understand the different strata of society and the need of medical education	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L

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61					60	CO2	Helps student to develop empathy towards society	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L
62	SEM III	040143307 - PP	T4503	Echocardiography and Peripheral Doppler-II	60	CO1	It gives an overall knowledge about how to perform an Echocardiography.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M
62					60	CO2	This course provides knowledge to identify the normal structure of the heart and diagnose the abnormalities in Echocardiography procedures.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M
62					60	CO3	Discuss normal hemodynamic parameters, including intracardiac pressure and oxygen saturation.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
62					60	CO4	Identify the electrophysiological pathways, their functions, and the normal QRS complex and it's relation to mechanical systole and diastole.	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
62					60	CO5	Identify and measure Doppler waveforms across normal anatomy	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
63	SEM III	040143308 - PP	T4504	Cardiac Pacemakers and Cardioverter Defibrillators	60	CO1	Early recognition of patient for implantation.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
63					60	CO2	Judgment & decision making for the treatment of patient.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
63					60	CO3	To develop competences in cardiac synchronization.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
63					60	CO4	Provide an approach for comprehensive follow-up of the patient with a permanent pacemaker, ICD and CRT	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H

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63					60	CO5	Interpret paced electrocardiograms through didactic lectures and workshops of progressive	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
63					60	CO6	Provide information on all aspects of programming, troubleshooting and managing pacemakers, ICDs and CRT systems	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L
64	SEM III	040143309-PP	T4505	Cardiac Catheterization	60	CO1	Work in the operation theatre, pre operative preparation room, post operative room and endoscopy clinic etc.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
64					60	CO2	Work in the postoperative recovery room, surgical ICU.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
64					60	CO3	Understand & perform sterilization procedure efficiently as per the requirements of Operation Theatre.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
64					60	CO4	Practice universal safety precautions in Cardiac Catheterization Theatre and maintaining Data.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
64					60	CO5	Practice aseptic Techniques to assist for cardiac catheterization.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L
65	SEM III	040143310-PP	T4084	Applied Management in Cardiac Care Unit	60	CO1	Work in the operation theatre, pre operative preparation room, post operative room and endoscopy clinic etc.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
65					60	CO2	Work in the postoperative recovery room, surgical ICU.	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M
65					60	CO3	Understand & perform sterilization procedure efficiently as per the requirements of Operation Theatre.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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65					60	CO4	Practice universal safety precautions in Cardiac Catheterization Theatre and maintaining Data.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
65					60	CO5	Practice aseptic Techniques to assist for cardiac catheterization.	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L
66	SEM III	040143311 - PP	T4541	Virology and Mycology	60	CO1	Student would be able to to perform Method of collection of different specimens & transportation to the laboratory.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
66					60	CO2	Should able to perform techniques used for diagnosis of viral & fungal infections.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
66					60	CO3	Provides Knowledge of various diagnostic tests performed for viral infections.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L
67	SEM III	040143312 - PP	T4542	Blood Banking	60	CO1	Builds a strong background of principles of routine serologic procedures.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
67					60	CO2	the student will be able to learn, analyze and understand the principles associated with blood donors and receivers screening, testing and its importance by following the principles of blood donation and processing, preparation cryopreservation, storage and shipment of blood and blood components.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
67					60	CO3	learns effective transfusion therapy and practices by discussing autologous and voluntary blood donations and their significance.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M

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68	SEM III	040143313 - PP	T4540	Clinical Biochemistry	60	CO1	Educates the students about the instruments (i.e. Biochemical analyzer) in the clinical laboratory.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
68					60	CO2	Builds strong background and to educate the use of biochemical reaction in testing biochemical abnormality and disease in the clinical laboratory and its importance	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
68					60	CO3	Educates the students and make them capable of giving result of biochemical abnormality and disease in the clinical laboratory.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
69	SEM III	040143314 - PP	T4543	Applied Management in Clinical Laboratory	60	CO1	Develops the confidence in handling day-to-day activities and management in a much more confident way.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
69					60	CO2	Prepares a student to take up managerial responsibility of diagnostic division	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
70	SEM III	040143315 - PP	T4078	Patient Care in Renal Technology	60	CO1	To practice personal safety & standard precautions.	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
70					60	CO2	To have knowledge about risks associated with dialysis	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
71	SEM III	040143316 - PP	T4549	Theory and Principles of Peritoneal Dialysis	60	CO1	Enables the student to communicate to patient about peritoneal dialysis	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
71					60	CO2	To perform CAPD	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
72	SEM III	040143317 - PP	T4550	Investigations in Renal Diseases	60	CO1	Knowledge of collection of proper specimen for investigations.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M
72					60	CO2	Understanding the results & Correlate it with the disease & dialysis.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H

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73	SEM III	040143318-PP	T4551	Applied Management in Renal Care Unit	60	CO1	The major components of management which will make then confident of handling day to day activities and management in a much more confident way and it will prepare to take up managerial responsibility of diagnostic division	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
73					60	CO2	It will help to perform the management	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
74	SEM III	040143319-PP	T4529	Techniques in Computed Tomography (CT)	60	CO1	Educate the students on the various techniques and applications of performing CT scans on different body parts and scan images.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L
74					60	CO2	Trains students in the skills & techniques of conducting CT scans.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
74					60	CO3	Analyze the reports of CT scan in different system & hard parts of the body.	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M
75	SEM III	040143320-PP	T4530	Imaging Equipment (III)-Magnetic Resonance Imaging (MRI)	60	CO1	Builds strong background knowledge of physics and electronics related to the magnetic resonance imaging (MRI) spectroscopy equipment.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
75					60	CO2	Educate the students on Principles and operating procedure on types of imaging sequences.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L
75					60	CO3	Upgrade the students in recent advances of imaging techniques such as Positron emission tomography (PET) & single photon emission computed tomography (SPECT).	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M

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76	SEM III	040143321 - PP	T4531	Techniques in Magnetic Resonance Imaging (MRI)	60	CO1	Helps the students have a basic working knowledge of the Imaging modality of MRI and also help them actually use it in practice.	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L
76					60	CO2	Help students work with full confidence in the MRI unit /department.	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
77	SEM III	040143322 - PP	T4094	Applied Management in Radiology Unit	60	CO1	Provides major components of management which will make them confident of handling day to day activities and management in a much more confident way in Radiology unit.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
77					60	CO2	Prepare a student to take up managerial responsibility of diagnostic division or Radiology unit.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
78	SEM III	040143323 - PP	T4532	Cross-Sectional Anatomy (CT, MRI)	60	CO1	Enable the students to interpret the radiographic images of CT & MRI, find out the abnormalities if any like factures, tumors, other soft tissue abnormalities etc.	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
78					60	CO2	Provides understanding of the medical conditions and this will help to perform his duties more efficiently	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
79	SEM III	040143324 - PP	T4560	Procedures in Abdomen, Obstretic, Gynaecology and Urology (OBY & URO) OT	60	CO1	Students are trained in areas like passing nasogastric tubes, changing intravenous fluids, giving different positions on OT table, in operative procedures on abdomen, pelvis & obstetric-gynecology OT.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H

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79					60	CO2	Students are trained on pre-operative procedures, anaesthesia techniques & post operative patient management in abdominal, obs-gynecology & Urology procedures.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
80	SEM III	040143325 - PP	T4559	Procedures in Thoracic and Cardiac OT	60	CO1	Students must be aware of the latest developments in cardiothoracic operations and required anesthesia.	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
80					60	CO2	Students must be aware of pre and post operative care & Anaesthesia techniques in the specialized field of thoracic & cardiac surgeries.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
81	SEM III	040143326 - PP	T4313	Procedures in Neuro OT	60	CO1	To expose students to latest developments in anesthesia services to neurosurgery patient.	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
81					60	CO2	To develop their skills to care for these patient.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
81					60	CO5	To expose students to latest developments in anesthesia services to neurosurgery patient.	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
81					60	CO6	To develop their skills to care for these patient.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
82	SEM III	040143327 - PP	T4312	Procedures in Ear, Nose, Throat (ENT), Ophthalmic and Paediatric OT	60	CO1	The course enables the students to keep pace with scientific advances in surgical procedures and anesthesia techniques in ENT, ophthalmic & pediatric OT	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
82					60	CO2	Introduces different types of endotracheal instrumentations.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L

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83	SEM III	040143328 - PP	T4561	Applied Management in OT and Anaesthesia Unit	60	CO1	Students will learn the important aspects of managing the OT & anaesthesia department.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H
83					60	CO2	Enables them to utilise the management techniques in planning, organizing and controlling the various activities in the OT	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
84	SEM III	040143329 - PP	T4514	Advanced Respiratory Therapy-III	60	CO1	Understand the physical characteristics of mechanical ventilation	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
84					60	CO2	Know the management of patients with different lung condition	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
84					60	CO3	Understand the complications that can arise due to mechanical ventilation	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L
85	SEM III	040143330 - PP	T4066	Emergency Medical Services-I	60	CO1	A Respiratory therapy student must demonstrate abilities to provide Basic Life Support at the beginning of the course.	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L
85					60	CO2	student should be able to understand the nuances of cardiac support , also to provide basic life support and the intial management , to understand the pharmacology of drugs used in emergencys.	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
86	SEM III	040143331 - PP	T4515	Critical Care Medicine-II	60	CO1	A study of common medical and/or surgical disorders encountered in general adult medicine	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
86					60	CO2	Understand the typical clinical preseentation, etiology of the condition, understand the pathophysiology of these conditions make the patient criticaally ill etc..	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L

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87	SEM III	040143332 - PP	T4516	Cardiopulmonary Rehabilitation	60	CO1	Be able to select and assess the chronic respiratory disease patients for pulmonary rehabilitation and family education.	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
87					60	CO2	Teaches every aspect of home care and rehabilitation factors.	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L
88	SEM III	040143333 - PP	T4089	Applied Management in Respiratory Therapy Unit	60	CO1	The major components of management which will make then confident of handling day to day activities and management in a much more confident way and it will prepare to take up managerial responsibility of diagnostic division	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
88					60	CO2	It will help to perform the management	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
89	SEM IV	040143401 - PP	T4704	Dissertation	60	CO1	Introducing the concept of research to the students.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
89					60	CO2	developing methodology related to chosen research.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
89					60	CO3	To be able to analyze the data collected	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
89					60	CO4	The students would be encouraged to develop skills in locating, synthesizing, structuring, writing and critiquing literature review.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
90	SEM IV	040143402 - PP	T4901	On Job Training	60	CO1	Cultivate ability to manage various operations.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
90					60	CO2	To prepare the candidate for taking up actual work assignment after placement.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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90					60	CO3	To promote experiential learning with application of theoretical knowledge acquired to actual working environment.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
91	SEM IV	040143403 - PP	T4061	Pathology and Case Presentation-III	60	CO1	To discuss different approaches to judgment and decision making from an analytical perspective.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
91					60	CO2	To expose Students to tools that they can use in their professional practice to make and evaluate their judgment and decision making	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
92	SEM IV	040143404 - PP	T4085	Teaching Methodology -IV	60	CO1	To develop the presentation skills & teaching ability among students.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
92					60	CO2	To help students to discuss concepts.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
92					60	CO3	To encourage students in detail studies and analysis of the subject taught.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
92					60	CO4	To make students aware of the recent trend in the subject taught.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
93	SEM IV	040143405 - PP	T4507	Peripheral Catheterization	60	CO1	To educate students on periherial catheterization procedures, indicating and contraindicating.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
93					60	CO2	To educate students on complications equipment for peripheral catheterization.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
93					60	CO3	To develop skills and competences of cardiac care Technologists who will assists Cardiologists during peripheral catheterization procedures.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L

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94	SEM IV	040143406 - PP	T4511	Quality Assurance, Standardization and Accreditation (Cardiac Care)	60	CO1	To understand importance of quality management system and SPC for measurement, analysis and improvement.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
94					60	CO2	To understand and implement quality audits in healthcare.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
94					60	CO3	To implement patient safety measures	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
94					60	CO4	To understand the rules and regulations of Accreditation centres such as NABH,JCI,AERB, BARC	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
95	SEM IV	040143407 - PP	T4508	Recent Advances in Cardiology	60	CO1	To educate Cardiac Care Technology student especially tissue Doppler and Strain rate imagining.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
95					60	CO2	To understand 3D - Echocardiography procedures.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
96	SEM IV	040143408 - PP	T4509	Intensive Cardiac Care Unit (ICCU) and Cardiopulmonary Resuscitation (CPR)	60	CO1	Students are educated in ICCU protocols to patients.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
96					60	CO2	Students are trained in BLS algorithm.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
97	SEM IV	040143409 - PP	T4510	Biomedical Instrumentation in Cardiac Care	60	CO1	To be able to record/measure the readings of equipment used in Cardiac Labs	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
97					60	CO2	To be able to maintain the instruments and equipments	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M
98	SEM IV	040143410 - PP	T4636	Quality Assurance, Standardization and Accreditation (Clinical Laboratory)	60	CO1	To understand the Quality Assurance and Accreditation standards such as NABL,JCI	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L

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98					60	CO2	To educate the the students and making capable of giving biochemical results in health and disease in the clinical laboratory.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
98					60	CO3	To perform periodic Quality Control Check the equipment and procedure.	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
99	SEM IV	040143411-PP	T4827	Immunology	60	CO1	To give a knowledge about concept of immunity and to build a strong backgrounds	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
99					60	CO2	Student would be able to perform all the skills related to immunology.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
99					60	CO3	To build a strong background and to understand about the antigen & antibody structure & function.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
100	SEM IV	040143412-PP	T4545	Cytology	60	CO1	The student should able to perform collection and processing of cytology samples	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
100					60	CO2	Student should able to perform basic stains like H&E staining, papinocoleau stains and special stains like PAS stain	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H
100					60	CO3	Student should understand the morphological appearance of various samples	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H
101	SEM IV	040143413-PP	T4546	Histopathology	60	CO1	The student should be able to perform tissue processing and understand the organization of histopathology laboratory	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
101					60	CO2	The student should able to perform basic tissue stains like H & E staining.	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L

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101					60	CO3	The student should able to perform special stains like Congo red, PAS, reticulin stain etc.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
101					60	CO4	The student should able to take frozen sections and advanced histo techniques	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
102	SEM IV	040143414 - PP	T4098	Newer Diagnostic Techniques	60	CO1	To encourage student to update themselves of latest diagnostic techniques and familiarize with latest technology in clinical laboratories.	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
103	SEM IV	040143415 - PP	T4552	Theory and Principles of other Renal Procedures	60	CO1	Describe the principles of procedures like Lithotripsy, renal biopsy etc	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H
103					60	CO2	Assist Nephrologist in procedures like Lithotripsy, renal biopsy etc	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
103					60	CO3	Update with New developments in the renal technology.	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
104	SEM IV	040143416 - PP	T4553	Quality Assurance, Standardization and Accreditation (Dialysis and Renal Technology)	60	CO1	To understand the Quality Assurance and Accreditation standards such as NABH,JCI	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
104					60	CO2	Understanding of auditing procedures	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H
104					60	CO3	Calculations for sets of data, including Mean, Mode, Median, Range and Standardeviation, Graphical data presentation methods.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
104					60	CO4	Understand the need for Quality Assurance in dialysis water systems.	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
105	SEM IV	040143417 - PP	T4102	Recent Advances in Renal Technology	60	CO1	To create awareness about the old, present, and recent developing technologies, tools and techniques.	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L

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106	SEM IV	040143418 - PP	T4534	Quality Assurance, Standardization and Accreditation (Imaging Sciences)	60	CO1	To understand importance of quality management system & SPC for measurement, analysis and improvement.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
106					60	CO2	To understand the decision of quality in healthcare.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
106					60	CO3	To understand the radiation hazards and implement safety measures for the same	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
106					60	CO4	To understand the rules and regulations of Accreditation centres such as NABH, JCI, AERB, BARC	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
107	SEM IV	040143419 - PP	T4838	Special Investigations and Techniques	60	CO1	To train and inform students about special investigative techniques in imaging because after completion of this course if they are working as CT/MRI/Cath Lab technologist.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
107					60	CO2	To upgrade students about all tools and techniques in these imaging modalities to competently assist the radiologist.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
108	SEM IV	040143420 - PP	T4535	Calibration and Quality Control in Computerized Tomography (CT) & Magnetic Resonance Imaging (MRI)	60	CO1	To learn calibration of the CT & MRI equipment to produce the best image.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
109	SEM IV	040143421 - PP	T4536	Picture Archiving and Communications System (PACS) and Radiology Information System (RIS) & Teleradi	60	CO1	Students will understand the basic components of Electronic Health Record, Picture Archiving and Communication System (PACS)	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M

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109					60	CO2	To learn the technical aspects to exchange the image and information management between digital modalities, PACS and Radiology Information Systems (RIS) using DICOM.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
109					60	CO3	The students would be able to work effectively with various software packages used in Hospitals	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M
109					60	CO4	Learn to exchange of images within various sections/ departments of hospitals	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
110	SEM IV	040143422 - PP	T4638	Advances in Medical Imaging	60	CO1	To educate students on newer modalities of imaging sciences.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
110					60	CO2	To educate students on image formation for the purpose of diagnosis & treatment.	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
111	SEM IV	040143423 - PP	T4564	Quality Assurance, Standardization and Accreditation (OT and Anaesthesia)	60	CO1	Concept of Quality and Quality standards applicable to the OT and Anaesthesia department	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
111					60	CO2	Understanding of Auditing procedures	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
111					60	CO3	Understanding the rules and regulations of NABH, JCI, AERB, BARC in quality assurance of OT	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
112	SEM IV	040143424 - PP	T4563	Critical Care Services	60	CO1	To educate students on patient care in the ICU.	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H
112					60	CO2	To educate students about the working, maintenance, sterilization of instruments and equipment like monitors and ventilators.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L

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112					60	CO3	Students must understand the relevance of investigations on patient.	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
112					60	CO4	To understand the importance of observation, monitoring, data recording in the ICU	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
113	SEM IV	040143425 - PP	T4316	Recovery Room and Day Care	60	CO1	Educate students on every aspect of post operative care via ventilation, monitoring, position.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
113					60	CO2	Expose them to know strategies for day care anesthesia procedures.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
113					60	CO3	Focus on record keeping.	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
114	SEM IV	040143426 - PP	T4562	Procedures in Orthopedic and Trauma Care	60	CO1	To educate students about first aid, initial emergency care & stress the importance of resuscitation measures.	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
114					60	CO2	To create awareness about types of orthopaedic procedures performed for bone injuries and the anaesthesia techniques	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
114					60	CO3	To equip students to face emergency situations.	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
114					60	CO4	Students must be proficient in pre and post operative patient care, patient transfer and immobilization methods.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
115	SEM IV	040143427 - PP	T4319	Transfusion and IV Therapy	60	CO1	To be able to demonstrate the techniques of blood and component transfusion.	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H
115					60	CO2	To focus on the safety precautions, legal aspects of transfusions.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
115					60	CO3	To emphasise on the importance of data keeping.	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H
116	SEM IV	040143428 - PP	T4637	Biomedical Instrumentation in OT and Anesthesia	60	CO1	To be able to record/measure the readings of equipment used in Operation theater	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
117	SEM IV	040143429 - PP	T4521	Quality Assurance, Standardization and Accreditation (Respiratory Therapy)	60	CO1	To understand importance of quality management system & SPC for measurement, analysis and improvement.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
117					60	CO2	To understand the decision of quality in healthcare.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
117					60	CO3	To understand the radiation hazards and implement safety measures for the same	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
117					60	CO4	To understand the rules and regulations of Accreditation centres such as NABH, JCI, AERB, BARC	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
118	SEM IV	040143430 - PP	T4518	Critical Care Medicine-III	60	CO1	A study of common medical and/or surgical disorders encountered in general adult medicine.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
118					60	CO2	Have a working knowledge of the management of these critically ill patients	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
119	SEM IV	040143431 - PP	T4517	Neonatal and Pediatric Respiratory Care	60	CO1	A study to understand the the physics of mechanical ventilation of neonate, to understand various respiratory problems in them.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
119					60	CO2	Understand to monitor the neonates in mechanical ventilation and should describe the applied physiology & pathology of neonates correlating with the technical procedures, and also to understand to apply knowledge to assess & manage the patient.	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
120	SEM IV	040143432 - PP	T4519	Emergency Medical Services-II	60	CO1	A Respiratory therapy student must demonstrate abilities to provide Basic Life Support at the beginning of the course.	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
120					60	CO2	Know the management of acute trauma and shock (shall be certified by the NTMC),	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
120					60	CO3	Be able to provide advanced cardiac life support (must be certified by a recognized body)	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
121	SEM IV	040143433 - PP	T4520	Biomedical Instrumentation in Respiratory Therapy	60	CO1	To be able to record/measure the readings of equipment used in ICU & CCU	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Health Sciences Programme Name : Master of Public Health

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA2	Global citizenship: ethical, social and professional understanding	PO1	To Develop technical skills for Public Health System
2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	To educate competent Public Health Professional to critically evaluate Health policy making
3	GA1	Scholarship: research, inquiry and lifelong learning	PO3	To educate competent Public Health Professional for Health policy making

4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	To enable Public Health manager to take care of Public Health System
5	GA3	Eco-literate: sensitivity towards a sustainable environment	PO5	To make Public Health manager oriented to ethical, social and professional understanding

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
1	SEM I	040144101 - PP	TH4027	Environment Health	60	CO1	Explain environmental determinates of diseases	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
1					60	CO2	Discuss Indices of thermal comfort	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H
1					60	CO3	Apply environmental Impact assessment strategies	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
1					60	CO4	Prepare disaster control plan for outbreak due to floods	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
1					60	CO5	Classify arthropods of medical importance	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H
2	SEM I	040144102 - PP	TH4028	Occupational Health	60	CO1	Describe evolution and relevance of occupational Health	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H
2					60	CO2	Outlines occupational disease due to physical, chemical, biological & psychosocial agents	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
2					60	CO3	Identify HACCP	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H
2					60	CO4	Discuss hierarchy of prevention of occupational diseases	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
2					60	CO5	Explain effects of indiscriminate urbanization and industrialization and their impact on public health	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
3	SEM I	040144103 - PP	TH4035	Public Health Nutrition	60	CO1	To develop skills to design, implement and evaluate nutrition programmes for different communities and health conditions	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
3					60	CO2	To critically evaluate the different methods of nutritional assessments in the light of its strengths and limitations	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
3					60	CO3	To enable students to use evidence-based approach to design, develop and integrate nutrition programs to improve nutritional status and health of populations.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
4	SEM I	040144104 - PP	TH4025	Introduction to Public Health	60	CO1	Describe evolution of Public Health	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
4					60	CO2	Discuss Concept of Health care & medical care	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
4					60	CO3	Recognise determinants of Health	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L
4					60	CO4	Outline concept of primary health care	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
4					60	CO5	Summarize ecology of health	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H
5	SEM I	040144105 - PP	TH4026	Epidemiology-I	60	CO1	Explain changing definitions of epidemiology	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
5					60	CO2	Discuss uses of epidemiology	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
5					60	CO3	Summarize epidemiological study designs	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
5					60	CO4	Distinguish analytical studies	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H
6	SEM I	040144106 - PP	T6746	Biostatistics for Public Health - I	60	CO1	To develop analytical skills in the students	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H
6					60	CO2	To impart examples of research in decision making	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
6					60	CO3	To train the students in evaluating research articles	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
7	SEM I	040144107 - PP	T6751	Society, Culture and Health	60	CO1	Demonstrate the interdisciplinary nature of Public Health as a concept.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
7					60	CO2	Outline the relationship of other social science disciplines to Public health	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
7					60	CO3	Relate culture, gender, caste, economic status etc to concerns in public Health	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
7					60	CO4	Explain the relation between social justice and Public Health	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
7					60	CO5	Illustrate the importance of cultural understanding for successful implementation of Public Health initiatives	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M
8	SEM II	040144201 - PP	TH4030	Communicable Diseases	60	CO1	To summarize disease burden- local, national, global	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
8					60	CO2	To distinguish between control, elimination and eradication	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
8					60	CO3	To describe threats of emerging and reemerging infections	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
8					60	CO4	To develop control and prevention strategies	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
9	SEM II	040144202 - PP	TH4031	Non-Communicable Diseases	60	CO1	Discuss epidemiology of NCDs.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M
9					60	CO2	Explain role of Lifestyle & behavioural modifications in NCD control & prevention.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
9					60	CO3	Summarize contribution of Govt. & NGO in NCD prevention	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
9					60	CO4	Predict trends of NCD in developing countries.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
9					60	CO5	Estimate quality of life index and DALY.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M
10	SEM II	040144203 - PP	T2582	OB & HRM	60	CO1	To familiarize the students with the basic concepts of management and factors underlying organizational behaviour as well as to acquaint the students with the ever increasing importance of human resources as the vital source of competitive advantage for today's organizations..	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
11	SEM II	040144204 - PP	T6747	Biostatistics for Public Health-II	60	CO1	To develop advanced analytical skills in the students.	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
11					60	CO2	To train the students in statistical software for application in public health domain.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
12	SEM II	040144205 - PP	T2193	Project Management	60	CO1	To understand and learn major aspects of project management.	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
12					60	CO2	To discuss various concepts, tools & techniques of project management.	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
12					60	CO3	To discuss various issues related to project planning and scheduling.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
12					60	CO4	To discuss various issues in project evaluation.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
12					60	CO5	To analyze and categorize the different risks involved in project management.	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
13	SEM II	040144206 - PP	TH4029	Epidemiology-II	60	CO1	To understand natural history of disease	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
13					60	CO2	To investigate outbreaks and to institute appropriate intervention	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
13					60	CO3	To analyse secondary data and interpret epidemiological trends	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M
14	SEM II	040144207 - PP	T6728	Medical Anthropology and Bioethics	60	CO1	To develop an understanding of anthropological approaches to the study of health and disease.	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
14					60	CO2	To understand cross cultural variation in the domain of health and disease.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
14					60	CO3	To understand the importance of anthropological methods in successful planning and implementation of public health initiatives.	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
15	SEM II	040144208 - PP		Non Profit Sector in Healthcare	60	CO1	To gain an understanding of the functioning of NPOs and their roles in health care delivery	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
16	SEM II	040144209 - PP	T4005	Integrated Disaster Management *	60	CO1	To impart awareness of various aspects of disasters, its preparedness and management.	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
16					60	CO2	To instill a knowledge on reducing disaster risks and vulnerability and capacity building through community participation	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M
16					60	CO3	To provide knowledge on First aid during an emergency and hands on training on Cardiopulmonary resuscitation.	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
16					60	CO4	To create a role of resource personnel on the campus.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
17	Sem III	040144301 - PP		Public Health Law and Ethics	60	CO1	understand the legal framework of public health in India including the concept of right to health guaranteed under the Constitution of India and various other laws relating to public health in India.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
17					60	CO2	understand the connection between law and policy with regard to public health	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
17					60	CO3	evaluate the ethical concerns involved in relation to public health	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
17					60	CO4	examine the implementation of International Conventions relating to public health standards in India	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
17					60	CO5	identify the problems associated with implementing higher public health standards in India and contribute to the decision making process in development of policy in public health	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
18	Sem III	040144302 - PP	T2208	Research Methodology	60	CO1	To enable students comprehend research issues	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
18					60	CO2	To enable students to identify research questions and formulate research hypothesis	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
18					60	CO3	To equip students with various techniques of research design and data collection	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
18					60	CO4	To enable students to synthesize qualitative and quantitative data crunching techniques	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
19	Sem III	040144303 - PP		Public Health Information System	60	CO1	Apply concepts of IS to PH domain,	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
19					60	CO2	Identify the significance of healthcare data, to construct required analysis models,	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
19					60	CO3	Apply GIS concepts for analysis of diseases, location wise,	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
19					60	CO4	Utilize IS concepts to track individual's health & its records from birth	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
19					60	CO5	Experiment with other related healthcare and public health related concepts using information systems / technologies.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
20	Sem III	040144304 - PP	TH4032	Maternal & Child Health (MCH)	60	CO1	"To Summarize the basic concepts, definitions and indicators pertaining to reproductive and child health (RCH)"	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M
20					60	CO2	"To Understand how to generate evidence to address RCH Problems"	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L
20					60	CO3	"To Link evidence with national programs and context specific local solutions"	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
20					60	CO4	To Develop a plan to monitor and evaluate RCH programs	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
21	Sem III	040144305 - PP	T6707	Demography and Vital Statistics	60	CO1	The overall aim of the course is to introduce the subject of Demography to the participants.	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H
21					60	CO2	Students will become familiar with basic concepts and sources of data in Demography and also will be able to comprehend the processes and events in Demography and their interactions.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M
21					60	CO3	The course also tries to discuss the various factors affecting population growth and its proximate determinants.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
22	Sem III	040144306 - PP	T6750	Health Policies for Public Health and Medical Care	60	CO1	To Develop a plan to monitor and evaluate RCH programs	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
22					60	CO2	To illustrate an understanding of the origins and evolution of public health and medical care system in India;	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M
22					60	CO3	To interpret the nature, ideas, practices and policies that shaped the system	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M
22					60	CO4	To demonstrate an understanding of the issues facing public health and medical care in India and the bearing these have on the delivery of health and medical care.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
22					60	CO5	To compare the changing scenario to interpret the possible positive and negative effects for future policy making	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
23	Sem III	040144307 - PP	T5731	Mass Communication theories and Practices	60	CO1	To understand concept of mass communication and be acquainted with its various components.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
23					60	CO2	To understand basics of Advertising, Public Relations and Journalism.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
23					60	CO3	To explore how mass communication can be effectively used for Societal Action.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
24	Sem IV	040144401 - PP	T4712	Dissertation	60	CO1	To conduct research activities and apply research skills	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
24					60	CO2	To understand a guide-student relationship and knowledge-skill transfer	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
24					60	CO3	To study "Community Based Research and intervention".	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
24					60	CO4	To gain research aptitude and try to add new knowledge to the public health domain.	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M
24					60	CO5	To practice analytical and inferential statistics and tools(softwares)	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
25	Sem IV	040144402 - PP	T4909	Internship	60	CO1	To appreciate the relevance of theory learnt in the public health classes and the real life situation(practice)	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
25					60	CO2	To apply various soft skills - communication, observation, leadership, team work, etc.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
25					60	CO3	To acquire additional knowledge & skills by experiential learning	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
25					60	CO4	To participate in "On The Job" (OJT) training to hone administrative responsibilities	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
25					60	CO5	To interact with and impart technical info to the stakeholders(health education, awareness creation and advocacy)	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
26	Sem IV	040144403 - PP	T5732	Public Healthcare Communication Strateg	60	CO1	To understand Communication Strategy framework.	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
26					60	CO2	To understand the steps involved in designing Communication Strategy in detail	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
26					60	CO3	To critically analyze the inputs and the considerations while setting Communication Objectives.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
26					60	CO4	To Utilize various mass communication tools and integrate them for designing Healthcare communication strategy	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M
26					60	CO5	To broadly understand the ways of assessing effectiveness of Healthcare communication strategies.	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M
26					60	CO6	To be able to independently design communication strategy (for the specific assigned project)	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M
27	Sem IV	040144404 - PP	TH4033	Global Health	60	CO1	To explain relevance of global health	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H
27					60	CO2	To describe international health regulations	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
27					60	CO3	To discuss international drug policies and programs	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
27					60	CO4	To apply international control and preventive measures	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
28	Sem IV	040144405 - PP	TH4034	Hospital Management	60	CO1	Define the basic concepts of hospital management.	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
28					60	CO2	Identify the key elements pertaining to hospital planning, functioning & administration.	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
28					60	CO3	Understanding basic of quality in hospitals	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H
29	Sem IV	040144407 - PP	TF7160	Health GIS	60	CO1	Analyze issues regarding geospatial data usage with respect to Public Health.	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H
29					60	CO2	Develop problem solving capacity in utilizing geospatial data to manage public health issues.	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M
29					60	CO3	Apply various geospatial modeling techniques to public health data.	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H
29					60	CO4	Conceptualize and execute projects to demonstrate the problem solving capability using remotely sensed data.	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
29					60	CO5	Analyze future trends in geospatial technology with respect to public health management.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Knowledge: To gain knowledge in the fields of biotechnology
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Communication skills: To communicate effectively with experts and society at large. Should be able to present or document research outcomes.
3	GA2	Global citizenship: ethical, social and professional understanding	PO3	Team work: To function effectively as an individual or a member of a team or leader in diverse teams in multidisciplinary settings
4	GA1	Scholarship: research, inquiry and lifelong learning	PO4	Creative and critical thinking: To identify, formulate, review research literature and analyze complex health care and biotechnology related problems reaching substantiated conclusions
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Local challenges: To inculcate innovation, entrepreneurship and skills through experiential learning by performing biotechnology protocols and operation of instruments.
6	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO6	Regional challenges: To create employable manpower in biotechnology industry.
7	GA3	Eco-literate: sensitivity towards a sustainable environment	PO7	Global challenges: To create awareness about issues related to environment sustainability, and human health.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	Institute code	Symbiosis School of Biological Sciences	Symbiosis School of Biological Sciences	Symbiosis School of Biological Sciences
1	SEM I	040342101-PP	T4716	Microbiology	60	CO1	Student should be able to critically evaluate and analyze relevant scientific literature in applied microbiology and should be able to explain the nature, scope and technical issues.	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	-	-	-	-
1					60	CO2	Student should be able to communicate applied microbiology related studies and data effectively to diverse audiences and in a variety of written and oral formats.	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	-	-	-

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1					60	CO3	Student should be able to work effectively both independently and collaboratively.	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	-	-	-	-
2	SEM I	040342102-PP	T4717	Genetics and Molecular Biology	60	CO1	The student should be able to define central dogma of molecular biology, name the processes involved in the central dogma and list proteins that catalyze these processes.	Strong-H	Moderate-M	Weak-L	Weak-L	-	Weak-L	Weak-L	-	-	-	-
2					60	CO2	The student should be able to explain the processes of replication, repair, transcription and translation in prokaryotes and eukaryotes, explain the location, structure functions of proteins involved.	Strong-H	Strong-H	Weak-L	Moderate-M	-	Weak-L	Weak-L	-	-	-	-
2					60	CO3	The student should be able to interpret the results obtained from the experiments, interpret the cause of a disease based on the knowledge of DNA repair pathways.	Moderate-M	Moderate-M	Weak-L	Strong-H	-	Weak-L	Weak-L	-	-	-	-
3	SEM I	040342103-PP	T4718	Biochemistry	60	CO1	Students will be able to define the structures and functions of biomolecules.	Strong-H	Moderate-M	Weak-L	Weak-L	-	Weak-L	Weak-L	-	-	-	-
3					60	CO2	Students will be able to explain the integrated nature of metabolism.	Strong-H	Strong-H	Weak-L	Moderate-M	-	Weak-L	Weak-L	-	-	-	-
3					60	CO3	Students will be able to elaborate underlying principles of regulation of metabolism.	Strong-H	Strong-H	Weak-L	Moderate-M	-	Weak-L	Weak-L	-	-	-	-

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4	SEM I	040342104 - PP	T4719	Practical: Microbiology, Biochemistry and Immunodiagnostics	60	CO1	The student will be able to isolate and characterize microbes from a given source.	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	-	-
4					60	CO2	The student will be able to perform biochemical estimations and determine the concentrations of metabolites in a sample.	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	-	-
4					60	CO3	The student will be able to perform basic immunology experiments.	Moderate-M	Weak-L	Moderate-M	-	Strong-H	Moderate-M	Moderate-M	-	-	-	-
4					60	CO4	The student will be able to perform the techniques taught in the syllabus.	Moderate-M	Weak-L	Moderate-M	-	Strong-H	Moderate-M	Moderate-M	-	-	-	-
5	SEM I	040342105 - PP	T4720	Practical: Molecular Biology	60	CO1	Student should be able to perform core genetics and molecular biology laboratory techniques.	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	-	-	-	-
5					60	CO2	Student should be able to collect, organize, analyze, evaluate and interpret data using appropriate quantitative methods, and communicate information in a variety of written and oral formats.	Weak-L	-	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	-	-	-	-
5					60	CO3	Student should be able to explain and interpret the results obtained using various Molecular Biology techniques.	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	-	-
5					60	CO4	Student should be able to work and learn effectively both independently and collaboratively.	Weak-L	Strong-H	Strong-H	-	Strong-H	Moderate-M	Weak-L	-	-	-	-

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6	SEM II	040342201-PP	T4721	Recombinant DNA Technology	60	CO1	Students will be able to state the principles and processes of recombinant DNA techniques.	Strong-H	Moderate-M	Weak-L	Weak-L	-	Moderate-M	Weak-L	-	-	-	-
6					60	CO2	Students will be able to elaborate details of vectors used in recombinant DNA techniques.	Strong-H	Strong-H	Weak-L	Moderate-M	-	Moderate-M	Weak-L	-	-	-	-
6					60	CO3	Students will be able to explain the applications of recombinant DNA techniques.	Strong-H	Strong-H	Weak-L	Moderate-M	-	Moderate-M	Weak-L	-	-	-	-
7	SEM II	040342202-PP	T4722	Cell Biology	60	CO1	Students will be able to list the characteristics of eukaryotic cells.	Strong-H	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-	-	-	-
7					60	CO2	Students will be able to explain the organisation, mechanism(s) of cellular communication and regulation of cell division in eukaryotic cells.	Strong-H	Strong-H	Weak-L	Weak-L	-	Weak-L	Weak-L	-	-	-	-
7					60	CO3	Students will be able to demonstrate the functional characteristics of a eukaryotic cell.	Strong-H	Moderate-M	Weak-L	Moderate-M	-	Weak-L	Weak-L	-	-	-	-
7					60	CO4	Students will be able to compare the cellular and molecular differences between a functionally normal and deregulated cell.	Strong-H	Moderate-M	Weak-L	Strong-H	-	Weak-L	Weak-L	-	-	-	-
8	SEM II	040342203-PR	T4723	Practical: Recombinant DNA Technology	60	CO1	The student should be able to extract DNA and perform restriction digestion upon it.	Moderate-M	-	Moderate-M	-	Strong-H	Strong-H	Weak-L	-	-	-	-

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8					60	CO2	The student should be able to ligate insert and vector DNA and transform it.	Moderate-M	-	Moderate-M	-	Strong-H	Strong-H	Weak-L	-	-	-	-
8					60	CO3	The student should be able to identify the recombinant clones.	Moderate-M	-	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	-	-	-	-
8					60	CO4	The student should be able to competitively perform the techniques taught in the syllabus.	Moderate-M	-	Moderate-M	-	Strong-H	Strong-H	Weak-L	-	-	-	-
9	SEM II	040342204 - PR	T4724	Practical: Animal Tissue Culture	60	CO1	The student should be able to identify equipment and perform techniques used in an Animal Tissue Culture laboratory.	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	-	-	-	-
9					60	CO2	The student should be able to identify various components of cell and tissue culture media and explain aspects that govern the choice of these components.	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	-	-	-	-
9					60	CO3	The student should be able to explain the origin of the various cell lines and their use as a suitable model system.	Strong-H	Strong-H	Weak-L	-	Strong-H	Moderate-M	Weak-L	-	-	-	-
9					60	CO4	The student should be able to analyze safety issues and precautions to be taken while working in a BSL-2 grade laboratory.	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	-	-	-	-
9					60	CO5	The student should be able to perform cell culture under aseptic conditions.	Moderate-M	-	Moderate-M	-	Strong-H	Moderate-M	Weak-L	-	-	-	-

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10	SEM II	040342205 - PP	T4726	Biostatistics	60	CO1	The student should be able to state the role of statistics in research	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	Weak-L	-	-	-	-
10					60	CO2	The student should be able to explain concepts and methods of data analysis and interpretation	Strong-H	Strong-H	Weak-L	Weak-L	-	Weak-L	Weak-L	-	-	-	-
10					60	CO3	The student should be able to perform basic data analysis using statistical software	Moderate-M	-	Weak-L	-	Strong-H	Weak-L	Weak-L	-	-	-	-
11	SEM II	040342206 - PP	T4727	Genomics, Proteomics and Bioinformatics	60	CO1	The student should be able to define genomics and proteomics, and list various tools and techniques involved.	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	-	-	-	-
11					60	CO2	The student should be able to explain the principles of DNA and protein sequencing techniques and techniques of quantitative estimation of gene / protein expression.	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	-	-	-	-
11					60	CO3	The student should be able to apply various tools in bioinformatics for analysis.	Strong-H	-	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	-	-	-	-
11					60	CO4	The student should be able to analyze sequences of biomolecules and compare the contrast the techniques for their advantages and limitations.	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	-	-	-	-

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11					60	CO5	The student should be able to evaluate various algorithms and tools for their applications.	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	-	-	-	-
12	SEM II	040342207 - PP	T4725	Research Methodology	60	CO1	The students should be able to critically evaluate different scientific research designs and methods.	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	-	-	-	-
12					60	CO2	The students should be able to set up a research study.	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	-	-	-	-
12					60	CO3	The students should be able to analyse, contrast, compare and review scientific literature.	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	-	-	-	-
13	SEM II	040342208 - PP	T4005	Integrated Disaster Management *	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	-	-	-
13					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	-	-	-	-
13					60	CO3	To train students to perform First aid and CPR in an emergency	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	-	-	-	-
14	SEM III	040342301 - PP	T4728	Virology and Vaccinology	60	CO1	Students should be able to state and explain basic concepts in virology.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	-	-	-
14					60	CO2	Students should be able to compare and contrast viruses from other microorganisms.	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	-	-	-	-

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14					60	CO3	Students should be able to explain the host cell-virus interactions leading to production of progeny virus and interactions involved in establishing and maintaining long term interactions.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	-	-	-
14					60	CO4	Students should be able to explain strategies to prevent viral infections (vaccination).	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	-	-	-
15	SEM III	040342302 - PP	T4733	Intellectual Property Rights	60	CO1	Students should be able to define and discuss key Intellectual Property Rights concepts.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	-	-	-	-
15					60	CO2	Students should be able to discuss distinct contribution of intellectual property law to the protection of human creativity, innovation, and effort.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	-	-	-	-
15					60	CO3	Students should be able to identify and differentiate basic types of intellectual property defined by law.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	-	-	-	-
15					60	CO4	Students should be able to discuss Patent Act, Copyright, Trademark, and Design Act in the learning and research process.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	-	-	-	-
16	SEM III	040342303 - PP	T4734	Environmental Biotechnology	60	CO1	The students should be able to explain the role of microorganisms and plants to mitigate environmental pollution	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	-	-	-	-

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16					60	CO2	The students should be able to apply the concepts of environmental biotechnology for bioremediation.	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-	-
16					60	CO3	The students should be able to list and explain the latest developments, research and industrial scope of environmental biotechnology	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	-	-	-	-
16					60	CO4	The students should be able to state and explain various concepts in environmental management and threat assessment	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-	-
17	SEM III	040342304 - PR	T4729	Practical: Emerging Technologies	60	CO1	Students should be able to display proficiency in handling sophisticated instruments.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	-	-	-	-
17					60	CO2	Students should be able to explain experimental approach in the cultivation of viruses in embryonated chicken egg and cell culture.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-	-	-
17					60	CO3	Students should be able to demonstrate an understanding of experimental design.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-	-	-
18	SEM III	040342305 - PP	T4732	Molecular Immunology	60	CO1	Students will be able to list the organs/cells of the immune system and the differences between innate and adaptive immunity.	Moderate-M	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-	-	-	-

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18					60	CO2	Students will be able to describe the role of different cytokine families, hypersensitivity reactions and complement pathways in immunoregulation.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	-	-	-	-
18					60	CO3	Students will be able to use the diagnostic reasoning for understanding complex disease states and their immunological cause.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-	-	-
18					60	CO4	Students will be able to analyze experimental data on research in immunology.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-
19	SEM III	040342306 - PP	T4730	Bioprocess Engineering	60	CO1	The students should be able to explain and distinguish between different areas of bioprocess design and operations.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	-	-	-
19					60	CO2	The students should be able to explain the industry perspective and the scales at which the industry operates.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	-	-	-
19					60	CO3	The students should be able to analyze operational problems in bioprocesses industry with an employee perspective.	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-

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19					60	CO4	The students should be able to analyze the economics of bioprocess and also current national and international scenario.	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-
20	SEM III	040342307 - PP	T4731	Clinical Biochemistry	60	CO1	Students should be able to state the basic concepts in Clinical Biochemistry.	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	-	-	-
20					60	CO2	Students should be able to explain various metabolic disorders and applications of tools in Clinical Biochemistry .	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	-	-	-	-
20					60	CO3	Students should be able to analyse symptoms of metabolic disorders.	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	-	-	-	-
20					60	CO4	Students should be able to diagnose diseases based on the symptoms and biochemical tests.	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	-	-	-	-
21	SEM IV	040342401 - PP	T4820	Project Work	60	CO1	The student should be able to outline project proposal.	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-	-	-
21					60	CO2	The student should be able to analyse the research findings in the relevant area of the project.	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-	-	-
21					60	CO3	The student should be able to construct the hypothesis for the research problem identified.	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-
21					60	CO4	The student should be able to plan the experiments to support the hypothesis.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	-

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21					60	CO5	The student should be able to interpret the results	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	-	-	-	-

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis School of Biological Sciences Programme Name : Master of Science (Nutrition and Dietetics)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Knowledge: Gain knowledge in the fields of nutrition and health care
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Communication skills: Communicate effectively with experts and society at large. Should be able to present or document research outcomes.
3	GA2	Global citizenship: ethical, social and professional understanding	PO3	Team work: Function effectively as an individual or a member of a team or leader in diverse teams in multidisciplinary settings
4	GA1	Scholarship: research, inquiry and lifelong learning	PO4	Creative and critical thinking: Identify, formulate, review research literature and analyze complex nutrition and health care related problems reaching substantiated conclusions.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Local challenges: To inculcate skills to perform routine nutrition and dietetics protocols and handling of instruments by hands-n experience from lab projects, field projects and internships.
6	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO6	Regional challenges: To create employable manpower in health industry.
7	GA3	Eco-literate: sensitivity towards a sustainable environment	PO7	Global challenges: To create awareness about issues related to environment and sustainability, and human health.

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1	SEM I	040343101 - PP	T4735	Principles of Human Nutrition	60	CO1	The student should be able to state and explain the roles, requirements, and interrelationships between nutrients.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H
1					60	CO2	The student should be able to list and explain the principles of methods for estimating nutrient requirements.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M

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1					60	CO3	The student should be able to apply the understanding of nutrients to human nutrient needs at different stages of the life cycle.	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
1					60	CO4	The student should be able to relate the knowledge of nutrients to health and disease.	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
2	SEM I	040343102 - PP	T4736	Nutritional Biochemistry	60	CO1	The student will be able to explain metabolism and its regulation.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
2					60	CO2	The student will be able to analyse biochemical information available in literature and connect to various aspects of nutrition and metabolism.	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M
3	SEM I	040343103 - PP	T4737	Physiology	60	CO1	Student should be able to describe the human body system and explain the physiology in different diseases.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
3					60	CO2	Student should be able to illustrate the physiology of food intake and its regulation.	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M
3					60	CO3	Student should be able to use the knowledge of human physiology and relate it to the nutritional management for patient care and community health.	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
4	SEM I	040343104 - PP	T4738	Food Microbiology	60	CO1	Student should be able to demonstrate the knowledge of core concepts of food microbiology.	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO2	Student should be able to analyze and communicate food microbiology related studies and data effectively.	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M
4					60	CO3	Student should be able to critically evaluate relevant scientific literature in food microbiology and demonstrate comprehension of nature, scope and technical issues.	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
5	SEM I	040343105 - PP	T4739	Food Quality and Safety	60	CO1	Student should be able to demonstrate knowledge of core concepts of food safety and quality	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M
5					60	CO2	Student should be able to understand the role of food law and enforcement bodies with respect to Indian and International standards.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
5					60	CO3	Student should be able to critically evaluate relevant scientific literature in food safety.	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H

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6	SEM I	040343106 - PP	T4740	Nutrition through Life Cycle and Meal Management	60	CO1	Student should be able to understand various properties of food and principles of meal management.	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H
6					60	CO2	Student should be able to apply techniques of food standardization and exchange list formulation of various foodstuffs.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M
6					60	CO3	Student should be able to apply the knowledge of nutritional requirements in planning diets for different age groups and economic strata.	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M
6					60	CO4	Student should be able to interpret the food labels and nutritive value of commonly consumed foods in markets.	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
7	SEM I	040343107 - PP	T4741	Laboratory Techniques - 1	60	CO1	Student should be able to understand and gain expertise in food microbiology and clinical biochemistry experiments.	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H
7					60	CO2	Student should be able to apply knowledge gained and devise own experiments.	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
7					60	CO3	Student should be able to demonstrate an ability to record experimental data.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
7					60	CO4	Student should be able to interpret the results obtained to reach a conclusion.	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
8	SEM II	040343203 - PP		Research Methodology	60	CO1	The students should be able to critically evaluate different scientific research designs and methods.	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M
8					60	CO2	The students should be able to set up a research study.	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
8					60	CO3	The students should be able to analyse, contrast, compare and review scientific literature.	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
9	SEM II	040343201 - PP	T4726	Biostatistics	60	CO1	The student should be able to state the role of statistics in research	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	Weak-L
9					60	CO2	The student should be able to explain concepts and methods of data analysis and interpretation	Strong-H	Strong-H	Weak-L	Weak-L	-	Weak-L	Weak-L
9					60	CO3	The student should be able to perform basic data analysis using statistical software	Moderate-M	-	Weak-L	-	Strong-H	Weak-L	Weak-L

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10	SEM II	040343202 - PP	T4742	Nutritional Epidemiology	60	CO1	The student will be able to use epidemiologic concepts and methods to examine the nutritional aspects of health and disease in populations.	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
10					60	CO2	The student will be able to assess nutritional status, principles of precision, accuracy, and interpretation of results for individuals and populations.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
10					60	CO3	The student will be able to critically evaluate the strengths and limitations of different methods of measuring diet and identify when specific dietary methods may be most appropriate.	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M
10					60	CO4	The student will be able to analyze the current state of epidemiological evidence for relationships of diet to the development of selected diseases.	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M
10					60	CO5	The student will be able to critically evaluate nutritional epidemiology research publications.	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M
11	SEM II	040343204 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H
11					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
11					60	CO3	To train students to perform First aid and CPR in an emergency..	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
12	SEM II	040343205 - PP	T4743	Social Determinants of Nutrition and Health	60	CO1	The student should be able to state concepts of the social aspects of public health: culture, race/ethnicity, gender, poverty disparities, community, and organizational climate.	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M
12					60	CO2	The student should be able to identify the environmental factors including biological, physical and chemical factors that affect the health and nutritional status of a community.	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
12					60	CO3	The student should be able to explain the influence of social factors on nutrition and health.	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H
12					60	CO4	The student should be able to discuss seminal studies on the relationship between socioeconomic disadvantage and nutrition and health.	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L

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12					60	CO5	The student should be able to explain the contributions of social factors to food-related health conditions.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
13	SEM II	040343206 - PP	T4744	Nutrition Education and Health Promotion	60	CO1	The student will be able to explain the importance of health and nutrition promotion.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
13					60	CO2	The student will be able to analyse the efficiency of existing health promotional research and service.	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
13					60	CO3	The student will be able to evaluate the continuing education needs of specialists in public health and the methods to address the nutrition issues for health professionals.	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M
13					60	CO4	The student will be able to work with support groups such as NGOs, Technical support groups, CSRs of various corporate, Government advisory groups.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
14	SEM II	040343207 - PP	T4745	Public Health Nutrition	60	CO1	The student will be able to evaluate different nutritional problems prevalent in the community and ways to recommend strategies.	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
14					60	CO2	The student will be able to analyze community nutrition problems through acquiring knowledge of nutrition policies.	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
14					60	CO3	The student will be able to evaluate a community-based research project.	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L
15	SEM II	040343208 - PP	T4746	Lifestyle Disease Management	60	CO1	The student will be able to evaluate different nutritional problems prevalent in the community and ways to recommend strategies.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO2	The student will be able to discuss the role of nutrition in the lifestyle and behavioural management of various disorders.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H
15					60	CO3	The student will be able to describe and analyze the factors that play a role in the shift to population health management and leverage points in the system for intervention.	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
16	SEM II	040343209 - PP	T4727	Genomics, Proteomics and Bioinformatics	60	CO1	The student should be able to define genomics and proteomics and list various tools and techniques involved.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L

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16					60	CO2	The student should be able to explain the principles of DNA and protein sequencing techniques and techniques of quantitative estimation of gene/protein expression.	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L
16					60	CO3	The student should be able to apply various tools in bioinformatics for analysis.	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
16					60	CO4	The student should be able to analyze sequences of biomolecules and compare the contrast the techniques for their advantages and limitations.	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
16					60	CO5	The student should be able to evaluate various algorithms and tools for their applications.	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M
17	SEM II	040343210 - PP	T4747	Medical Nutrition Therapy - I	60	CO1	The student should be able to describe dietary requirements and relate it for optimization of health	Strong-H	-	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M
17					60	CO2	The student should be able to analyze the significance of nutrition in management of various life style diseases for better health and well being	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
18	SEM II	040343210 - PP	T4747	Medical Nutrition Therapy - I	60	CO1	The student should be able to describe dietary requirements and relate it for optimization of health	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M
18					60	CO2	The student should be able to analyze the significance of nutrition in management of various life style diseases for better health and well being	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
19	SEM II	040343211 - PR	T4748	Medical Nutrition Therapy Practical - I	60	CO1	The student should be able to construct dietary interventions and dietary guidelines based on nutritional knowledge in health and disease management	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
19					60	CO2	The student should be able to critically analyze the dietary requirements and design therapeutic diet plans for patients suffering from various medical conditions	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M
20	SEM II	040343211 - PR	T4748	Medical Nutrition Therapy Practical - I	60	CO1	The student should be able to construct dietary interventions and dietary guidelines based on nutritional knowledge in health and disease management	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H

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20					60	CO2	The student should be able to critically analyze the dietary requirements and design therapeutic diet plans for patients suffering from various medical conditions	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M
21	SEM II	040343212 - PP	T4752	Genetics	60	CO1	The student will be able to explain the concepts of human genetics.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L
21					60	CO2	The student will be able to state and explain the concepts of nutrient interactions with genes.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L
21					60	CO3	The student will be able to discuss the concept of environment and gene interaction.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H
21					60	CO4	The student will be able to evaluate relevant scientific literature in gene, nutrient and environmental interactions and understand its application in individualized diet prescription.	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M
22	SEM II	040343214 - PP	T4749	Nutrition Education and Counselling	60	CO1	The student will be able to demonstrate skills for nutrition education and counselling.	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
22					60	CO2	The student will be able to critically analyze the patient responses for nutrition counselling.	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
22					60	CO3	The student will be able to formulate patient-centred- effective counselling strategies.	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
23	SEM II	040343215 - PP	T4751	Nutrition Care Process	60	CO1	The student will be able to interpret the nutrition care process model.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
23					60	CO2	The student will be able to systematically solve case studies based on the nutrition care process model.	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
24	SEM III	040343301 - PP	T4753	Medical Nutrition Therapy (MNT)- II (Theory)	60	CO1	The student will describe the pathophysiology and evaluate the significance of nutrition in management of chronic and degenerative diseases	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
24					60	CO2	The student will be able to develop nutritional intervention for prevention and cure of chronic and degenerative diseases	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
24					60	CO3	The student will be able to analyze the nutritional status and formulate the dietary intervention in chronic diseased conditions	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M

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25	SEM III	040343302 - PR	T4754	Medical Nutrition Therapy (MNT)- II (Practical)	60	CO1	The student should be able to formulate therapeutic diets for various disease conditions	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M
25					60	CO2	The student should be able to translate evidence based practical nutritional knowledge in various disease conditions	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L
25					60	CO3	The student should be able to plan nutrition care process as a powerful preventive measure	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M
26	SEM III	040343303 - PP	T4755	Nutrition for Special Population	60	CO1	The student will be able to explain nutritional requirements for special population	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L
26					60	CO2	The student should be able to predict nutritional problems and plan their management	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L
26					60	CO3	The student should be able to explain the interrelationship between genes, nutrients and functional foods	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
26					60	CO4	The student should be able to summarize the interrelationship between genes and nutrients	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L
27	SEM III	040343304 - PP	T4756	Nutritional Epidemiology	60	CO1	The student will be able to use epidemiologic concepts and methods to examine nutritional aspects of health and disease in populations.	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
27					60	CO2	The student will be able to assess nutritional status, principles of precision, accuracy, and interpretation of results for individuals and populations.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L
27					60	CO3	The student will be able to critically evaluate the strengths and limitations of different methods of measuring diet and identify when specific dietary methods may be most appropriate	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M
27					60	CO4	The student will be able to analyze current state of epidemiological evidence for relationships of diet to the development of selected diseases.	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M
27					60	CO5	The student will be able to critically evaluate nutritional epidemiology research publications.	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M

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28	SEM III	040343305 - PP	T4758	Hospital Food Service Management	60	CO1	The student should be able to explain about hospital food service, sectors of hospitality , functions of management and resources optimization	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L
28					60	CO2	The student should be able to plan and design kitchen facilities planning and equipment selection	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L
28					60	CO3	The student should be able to describe control cycle, production planning and inventory management	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L
28					60	CO4	The student should be able to explain the concepts of cost structures and and breakeven and develop ability to construct financial statements	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L
28					60	CO5	The student should be able to plan menu, evaluate challenges in HFS,relate patient satisfaction and explain latest trends in organization	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L
29	SEM III	040343306 - PP	T4759	Sports Nutrition	60	CO1	The student should be able to compare and contrast inter-relationship of body composition and energy expenditure	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
29					60	CO2	The student should be able to interpret knowledge of role of nutrients in sports and exercise	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L
30	SEM IV	040343401 - PP	T4714	Internship	60	CO1	The student should be able to interpret practical experience of nutrition care process and counselling	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
30					60	CO2	The student should be able to apply skill and implement practical knowledge of medical nutrition therapy	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
31	SEM IV	040343402 - PP	T4904	Dissertation	60	CO1	The student should be able to outline the project proposal.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
31					60	CO2	The student should be able to analyse the research findings in the relevant area of the project.	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M
31					60	CO3	The student should be able to construct the hypothesis for the research problem identified.	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
31					60	CO4	The student should be able to plan the experiments to support the hypothesis.	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
31					60	CO5	The student should be able to interpret the results	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO1	Demonstrate familiarity with the organizational structures and basic functions of kitchen sections within hospitality and food service establishments, knife skills, tool and equipment handling, cooking and plating skills required by professional culinarians and apply principles of food preparation to produce a variety of food, bakery and pastry products.
2	GA3	Eco-literate: sensitivity towards a sustainable environment	PO2	Demonstrate knowledge and skills regarding personal hygiene habits, food handling practices, international food quality/ food safety and sanitation standards, regulations and procedures followed in food and beverage service operations.
3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	Students shall be able to plan menus and prepare dishes of high standard using traditional and contemporary recipes, plating and presentations for regional Indian and international cuisines and demonstrate skills in producing a variety of decorative pieces and cold food products including items appropriate for buffet presentation.
4	GA1	Scholarship: research, inquiry and lifelong learning	PO4	Apply the principles of menu planning and layout to the development of menus and perform mathematical computations related to food service operations and anticipate and manage operational costs in order to operate an economically sustainable food service establishment.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Differentiate between the varieties of alcoholic and non-alcoholic beverages and assess their affinity to foods, demonstrate various types of food and beverage service.
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	Demonstrate the ability to apply the fundamentals of culinary science and food nutrition to maximize nutrient retention in food preparation and storage in a professional bakery, pastry, standalone restaurant or star category hotel kitchens.
7	GA1	Scholarship: research, inquiry and lifelong learning	PO7	Demonstrate the ability to work with others and handling multiple tasks simultaneously in a professional kitchen at intermediate, supervisory or management positions.
8	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO8	Demonstrate an understanding of purchasing in the hospitality industry by writing food specifications, applying purchasing practices, interpreting market trends, using new technology applications, and analyzing operational cost control.
9	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO9	Explain basic concepts involved in marketing and entrepreneurship & how they can be applied to food service operations to facilitate financial objectives. Develop strategies to improve business performance using creativity and problem solving skills, based on operational theory and procedures.
10	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO10	Identify and illustrate the basic elements of equipment design and layout in food service facilities.
11	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO11	Possess an extensive business portfolio that displays an up to date resume, cover letter, skill set, work philosophy, career goals and extensive work samples.
12	GA2	Global citizenship: ethical, social and professional understanding	PO12	Demonstrate an understanding of the international hospitality industry, investigate trade publications and professional organizations appropriate for culinary higher education and value cross-cultural perspectives that will allow them to effectively function in the global culinary community.

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1	SEM I	040621101 - PP	T4672	Culinary Foundation (Theory)	10	CO1	To study the history of culinary arts.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
1					20	CO2	To identify and learn the uses of different culinary raw materials and kitchen equipments.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M
1					15	CO3	To recognize the job descriptions of various levels of hierarchy in culinary operations.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
1					25	CO4	To understand the various methods of cooking.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
1					20	CO5	To understand the concept of menu planning	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
1					10	CO6	To understand the operations and importance of kitchen stewarding department	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L
2	SEM I	040621102 - PR	T4673	Culinary Foundation (Practical)	25	CO1	To equip students with basic knife skills.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
2					25	CO2	To understand the operational procedures of various culinary equipment's.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
2					25	CO3	To learn, understand and practice various methods of food processing and cooking.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M
2					25	CO4	To study yield management of culinary raw materials.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L
3	SEM I	040621103 - PP	T4677	Basic Bakery & Pastry Art (Theory)	25	CO1	To learn the organization of Bakery and Confectionery department.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
3					25	CO2	To identify and use of raw materials and equipment's.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
3					50	CO3	To understand the basic techniques used to prepare batters and dough to make breads, cakes, cookies/ biscuits, pastry and desserts.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
4	SEM I	040621104 - PR	T4678	Basic Bakery & Pastry Art (Practical)	25	CO1	Identify the workings and the effects of ingredients on one another and predict how the end product will be affected.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L

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8	SEM II	0406210201 - PP		Indian Cuisine & Culture - 1 (Theory)	50	CO1	Knowledge and understanding about basics of Indian cuisine.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
8					15	CO2	Learn various factors that affect the eating habits in various parts of India.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
8					30	CO3	Awareness of regional traditional Indian cuisine.	-	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
8					15	CO4	Understanding the nuances of cooking methods.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
8					10	CO5	Gain knowledge on the heritage of Indian cuisine.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
9	SEM II	0406210202 - PR		Indian Cuisine - 1 (Practical)	25	CO1	Learn the known and unknown cuisines of India.	-	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
9					25	CO2	Understand various spices and spice blends.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M
9					50	CO3	Learn to prepare basic Indian gravies and short menus.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
10	SEM II	0406210203 - PP		Communication Skills	20	CO1	To introduce students to the role of communication in the food industry.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
10					20	CO2	To familiarize students with different media, thus empowering them to communicate in oral and written forms.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
10					30	CO3	To enable students to use English confidently to manage smart communication in their professions.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
10					30	CO4	To equip students with the appropriate dialogue structures by enhancing their vocabulary to build situational awareness.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M
11	SEM II	0406210204 - PP		Food & Beverage Service Operations - 1 (Theory)	30	CO1	To learn and understand the process of Food and Beverage service.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M
11					30	CO2	To understand the equipment's utilized in the department.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
11					40	CO3	To understand different types of service techniques and methods.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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12	SEM II	0406210205 - PR		Food & Beverage Service Operations - 1 (Practical)	30	CO1	To learn and understand the process of Food and Beverage service.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
12					30	CO2	To understand the equipment's utilized in the department.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
12					40	CO3	To understand different types of service techniques and methods.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
13	SEM II	0406210206 - PP		Sociology and Anthropology of Gastronomy	25	CO1	To learn and understand the genesis of food, the historical changes in society with the advent of technology.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
13					50	CO2	To study various culinary concepts of the past and the future such as farm to fork.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
13					25	CO3	To gain insights on the impact of culture, society, religion and rituals on the development of food.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
14	SEM II	0406210207 - PP		Applied Nutrition	25	CO1	To learn and understand the concept of human nutrition.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M
14					50	CO2	To study the importance of various nutrients for body wellness.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M
14					25	CO3	To define the principles of nutrition.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M
15	SEM II	0406210208 - PP		Culinary Maths	50	CO1	Possesses good skills and hands-on expertise in cost and profitability accounting and pricing in culinary operations.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L
15					50	CO2	Understand the effectiveness and key financial figures of the hotel, restaurant and tourism industry and can put them into practical use.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L
16	SEM II	0406210209 - PP		Food And Catering Law	50	CO1	To introduce students to the role of law in the food industry.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
16					50	CO2	To familiarize students with different food laws.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
17	SEM III	040621301 - PP	T2905	European Cuisine and Culture (Theory)	50	CO1	Have an in depth perspective of European Cuisines.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H

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17					25	CO2	A broad based knowledge of food history and eating habits of people within Europe.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H
17					25	CO3	European dining trends.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H
18	SEM III	040621302 - PR	T4620	European Cuisine (Practical)	25	CO1	Awareness of European cuisine specialty dishes.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H
18					50	CO2	Advancement from foundation learning to its next intermediate level of gastronomy skills.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H
18					25	CO3	Plate presentation.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
19	SEM III	040621303 - PP	T4621	Indian Cuisine and Culture - 2 (Theory)	30	CO1	Knowledge and understanding about meal planning.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
19					30	CO2	Awareness of regional traditional Indian cuisine.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M
19					40	CO3	Planning and organizing of menu related logistics.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
20	SEM III	040621304 - PR	T4626	Regional Indian Cuisine (Practical - Bulk Cooking)	25	CO1	Students learn to work as a team.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
20					50	CO2	Hands on quantity cooking skills must be gained.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M
20					25	CO3	Planning and organizing catering events.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
21	SEM III	040621305 - PP	T4627	Food & Beverage Service Operations - 2 Theory	30	CO1	To learn and understand the process of Food and Beverage service.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
21					30	CO2	To understand the equipment's utilized in the department.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
21					40	CO3	To understand different types of service techniques and methods.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
22	SEM III	040621306 - PR	T4624	Food & Beverage Service Operations - 2 Practical	30	CO1	To learn and understand the process of Food and Beverage service.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
22					30	CO2	To understand the various types of food services.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
22					40	CO3	To understand different types of service techniques and methods.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M

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23	SEM III	040621307 - PP	T4625	Menu Engineering and Development	20	CO1	To understand the importance and the role of the menu for a restaurant operation.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
23					20	CO2	To understand business profit and loss account and how changes in the restaurant's menu and operation affect the operations bottom line.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
23					20	CO3	To understand menu pricing in restaurants theory.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
23					20	CO4	Assessing different pricing strategies in a variety of situations and operating environments.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
23					20	CO5	Systematic menu engineering methods.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
24	SEM III	040621308 - PP	F4002	Consumer Behaviour	25	CO1	To define the conception of consumer behaviour and reveal its importance in the context of marketing.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
24					25	CO2	To identify factors that influence consumer behaviour.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
24					25	CO3	To examine the consumer decision-making process.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
24					25	CO4	To describe the target market and determine the positioning strategy according to consumer characteristics and behaviour.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
25	SEM III	040621309 - PP	T4793	Culinary Accounts	50	CO1	Possesses good skills and hands-on expertise in cost and profitability accounting and pricing in culinary operations.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
25					50	CO2	Understands the effectiveness and key financial figures of the hotel, restaurant and tourism industry and can put them into practical use.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
26	SEM III	040621310 - PP	T4005	Summer Internship	25	CO1	Understand the operational logistics of standalone restaurants.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
26					50	CO2	Gain culinary skills in a professional restaurant.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L

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26					25	CO3	Observe plate presentations.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
27	SEM III	040621311 - PP	T4005	IDMP	33	CO1	To enable student understand various types of disasters, its preparedness and management.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
27					33	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
27					33	CO3	To train students to perform First aid and CPR in an emergency.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
28	SEM V	040621501 - PP	T4795	Advance Bakery and Pastry Art (Theory)	30	CO1	Gain knowledge about international Bakery / Pastry products.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L
28					40	CO2	Develop abilities, attitudes, and personal qualities that will lead to job success in specialized jobs in the retail or commercial baking industry.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
28					30	CO3	Apply the basic calculations needed to cost and convert various baking recipes.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M
29	SEM V	040621502 - PR	T4796	Advance Bakery and Pastry Art (Practical)	35	CO1	Gain advanced skills sets of international Bakery / Pastry products.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
29					25	CO2	Use time, materials, references, and resources effectively.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
29					40	CO3	Execute advanced baking, pastry, and dessert presentation techniques following industry-accepted safety and sanitation rules and regulations.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
30	SEM V	040621503 - PP	T6097	Asian Cuisine and Culture (Theory)	30	CO1	Identify and apply the specific techniques, ingredients and spices unique to Asian Cuisine.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
30					30	CO2	Identify and list the basic cooking method applied in each of the dishes.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L
30					40	CO3	Describe the importance of the following as they relate to the concept of the different cuisines: Tradition, Seasonality of foods, Nutrition and Modernization.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L

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31	SEM V	040621504 - PR	T2982	Asian Cuisine (Practical)	30	CO1	To prepare themselves for placements by maintaining a working atmosphere and professional environment.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
31					40	CO2	To demonstrate planning, timing, and preparation of a complete Asian cuisine meal, including a soup, appetizer, and entrée while emphasizing their commitment to quality and excellence.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M
31					30	CO3	To define and use common kitchen terminology and vocabulary in the Asian kitchen.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M
32	SEM V	040621505 - PP	TH4040	Web Applications in Hospitality	20	CO1	Describe the criteria used to evaluate hospitality technology applications.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
32					20	CO2	Identify common technology systems used in hospitality operations.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
32					20	CO3	Describe common hardware configurations of POS systems used by food service operations.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
32					20	CO4	Explain the functions and use of food and beverage management applications, including those concerning recipe and menu management, sales analysis, and pre/post costing.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
32					20	CO5	Identify the various threats to technology systems and the security precautions that should be taken to keep those systems safe.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
33	SEM V	040621506 - PP	TH4041	Food and Wine Pairing	20	CO1	Recognize quality standards in food preparation and presentation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
33					20	CO2	List grape varieties and how they match with different foods.	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
33					20	CO3	Understand the principles of food and their interaction with different wines.	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H

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36					20	CO3	To select appropriate business models for food venture creation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
36					20	CO4	To relate to practical aspects of launching and managing independent/franchisee food ventures.	-	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
36					20	CO5	To attain scalability in the business model.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
37	SEM V	040621510 - PP	T4792	Contemporary Restaurant and Kitchen Design	40	CO1	A knowledge of key engineering factors involved in the planning of food production areas of a commercial establishment.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
37					30	CO2	An understanding of the use of various engineering systems in kitchen operations.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
37					30	CO3	An understanding of the use of appropriate engineering systems in planning operations.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
38	SEM VI	0406210601 - PP		Global & Contemporary Cuisine (Theory)	20	CO1	To learn the impact of various factors affecting regional global cuisines.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M
38					40	CO2	To get familiarized with the traditional and contemporary approach of international food preparations.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
38					30	CO3	To learn menu planning, balancing, costing and creation of fusion innovative dishes.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
38					10	CO4	To provide learning experiences on bizarre foods prominently consumed across the globe.	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
39	SEM VI	0406210602 - PR		Global & Contemporary Cuisine (Practical)	15	CO1	Identify international raw material ingredients.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M
39					60	CO2	Prepare a variety of international dishes.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
39					10	CO3	Demonstrate culinary skills required to produce international menus.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
39					15	CO4	Compare dishes from different countries with regards to various culinary aspects.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
40	SEM VI	0406210603 - PP		Food Styling, Show-piece & Confectionery techniques (Theory)	15	CO1	Learn the art behind design and balance.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	
40					10	CO2	Learn principles of Charcuterie.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
40					20	CO3	Critically examine techniques in relation to food styling and design within the field of culinary arts.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H
40					20	CO4	Learn about hors d'oeuvres to include tapas, canapés, chutneys and sauces.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H
40					20	CO5	Innovating casting and moulding techniques.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H
40					15	CO6	Structural assembly, Casting carving, modeling colouring and polishing, Transportation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H
41	SEM VI	0406210604 - PR		Food Styling, Show-piece & Confectionery techniques (Practical)	10	CO1	Learn the art behind design and balance.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H
41					15	CO2	Innovating casting and moulding techniques.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H
41					20	CO3	Structural assembly, Casting carving, modeling colouring and polishing.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H
41					25	CO4	Prepare a variety of hors d'oeuvres to include tapas, canapés, chutneys and sauces, Display proper pickling, curing and smoking procedures.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H
41					30	CO5	Demonstrate roasting of turkey and roast beef to be utilized in Pantry or Deli, Prepare various techniques involved in preparation of display of plate and platter presentation.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H
42	SEM VI	0406210605 - PP		Gastronomy Trends (Theory)	25	CO1	Learn existing general knowledge on the development of food preparation trends and its service across the globe.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
42					25	CO2	Describe the awareness of economic and nutritional impact on food trends.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L

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42					25	CO3	Distinguish and compare diminishing, existing and emerging food trends.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
42					25	CO4	Identify trends likely to affect food service in the coming years.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
43	SEM VI	0406210606 - PR		Gastronomy Trends (Practical)	25	CO1	Innovate, experiment and create new dishes.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	
43					25	CO2	Prepare foods which are gaining demand as per guest needs.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
43					25	CO3	Learn the nuances of Ayurvedic cuisine.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
43					25	CO4	Adapt to emerging culinary trends by hands on practical learning experiences.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	
44	SEM VI	0406210607 - PP		Food Journalism (Theory)	15	CO1	Understand, develop and practice skills in reporting and writing about food and food-related topics accurately and compellingly.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	
44					35	CO2	Reflect globally and analytically on the complexities of food in culture; celebrate the significance of food in our lives; appreciate how food communicates.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	
44					35	CO3	Think about food and food writing to broaden your experience and curiosity.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	
44					15	CO4	Develop confidence and skills to evaluate and question sources of food information.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	
45	SEM VI	0406210608 - PP		Food Photography (Theory)	25	CO1	Learn basic food photography.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	
45					25	CO2	Learn how to balance artistic and technical skills.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	
45					25	CO3	Create and weave a story using photos.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	
45					25	CO4	Learn to share and get most from Social Media including Photo blogging.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	
46	SEM VI	0406210609 - PR		Food Photography (Practical)	25	CO1	Learn to style the food in photogenic ways.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	

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46					25	CO2	Compose beautiful and structures food scenes.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
46					25	CO3	Carry out internationally standard food photo shoots.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
46					25	CO4	Learn Image processing.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
47	SEM VI	0406210610 - PR		Dissertation	25	CO1	Analyse the foundational principles of their chosen research topic in culinary research with primary and secondary materials, and evaluate available information.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
47					25	CO2	Apply the culinary principles to complex issues, and critique the operation of the culinary outlets from a policy perspective, individually.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
47					25	CO3	Structure and prepare concise and cohesive report on the research topic.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
47					25	CO4	Reflect on their abilities to effectively undertake individual work.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	To employ principles of management
2	GA2	Global citizenship: ethical, social and professional understanding	PO2	Holistic development of the students to have business ethics and values
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	Strive to excel in the field of sports strategy
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	To apply the analytical and decision making skills in sports management
5	GA1	Scholarship: research, inquiry and lifelong learning	PO5	To inculcate the necessary business skills by applying the specific knowledge related to sports management to deal in diverse environment related to Sports Science

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1	SEM I (2019-2021)	040541101 - PP	T2217	Business Statistics	60	CO1	understand the various the various economic theories	-	-	Strong-H	-	-
1					60	CO2	Explain the importance of Statistics	-	-	-	-	Moderate-M
1					60	CO3	Identify the problem and apply correct statistics	Strong-H	-	-	-	-
1					60	CO4	Analyze data and interpret the result by using statistical software	Strong-H	-	-	-	-
2	SEM I (2019-2021)	040541102 - PP	T4593	Sport Economics	60	CO1	understand the various the various economic theories	-	-	Strong-H	-	-
2					60	CO2	Demonstrate ability to apply the theories in the sports industry	Strong-H	-	-	-	-
2					60	CO3	Demonstrate decision making skills and problem solving using economics concepts.	-	-	Moderate-M	-	-
3	SEM I (2019-2021)	040541103 - PP	T4594	Sports Governance	60	CO1	To Understand how governance in sports planned and managed	-	-	-	-	Moderate-M
3					60	CO2	To Understand strategies, risk, compliances	-	Strong-H	-	-	-
3					60	CO3	Understand the winning components of athletic performance.	-	-	-	Moderate-M	-
3					60	CO4	Explore new areas within sport sciences, especially sport technology, equipment, viewer & audience experience, sport analytics, ergogenic aids, and sport surfaces.	-	-	-	Moderate-M	-
3					60	CO5	Relate all this to real-world situations for sport management professionals.	-	Strong-H	-	-	-

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4	SEM I (2019-2021)	040541104 - PP	T4597	Introduction to Sports Science	60	CO1	Understand the key principles of Sports Science and athletic performance.	-	Strong-H	-	-	-
4					60	CO2	Learn fundamentals of human anatomy, physiology, sports biomechanics and kinesiology.	-	-	-	Strong-H	-
4					60	CO3	Understand the winning components of athletic performance.	-	-	-	Moderate-M	-
4					60	CO4	Explore new areas within sport sciences, especially sport technology, equipment, viewer & audience experience, sport analytics, ergogenic aids, and sport surfaces.	-	-	-	Moderate-M	-
4					60	CO5	Relate all this to real-world situations for sport management professionals.	-	Strong-H	-	-	-
5	SEM I (2019-2021)	040541105 - PP	T4653	Sports Economics	60	CO1	understand the various the various economic theories	-	-	Strong-H	-	-
5					60	CO2	Demonstrate ability to apply the theories in the sports industry	Strong-H	-	-	-	-
5					60	CO3	Demonstrate decision making skills and problem solving using economics concepts.	Moderate-M	-	-	-	-
6	SEM I (2019-2021)	040541105 - PP	T4653	Introduction to Sports Management	60	CO1	Students will be able to Understand Sports management industry and its ecosystem	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
6					60	CO2	Students will be able to apply management principles related to the business of sports	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
6					60	CO3	Students will be able to apply theoretical concepts in specific sport management functions in various domain	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L
7	SEM I (2019-2021)	040541107 - PP	T2239	Business Communication	60	CO1	Understand the meaning, types, modes and importance of communication	-	-	Strong-H	-	-
7					60	CO2	Overcome communication barriers by using tools and methods for effective communication	Moderate-M	-	-	-	-
7					60	CO3	Demonstrate effective verbal, non verbal and written communication skills	-	Moderate-M	-	-	-
7					60	CO4	Effectively use latest technologies for professional/cross cultural and diverse communication	-	Strong-H	-	-	-
8	SEM I (2019-2021)	040541108 - PP	T2003	Financial Accounting	60	CO1	Understand the role of Financial Accounting in organizations and the factors shaping that role.	-	-	-	Strong-H	-
8					60	CO2	Understand the scope and process of Financial Accounting	Moderate-M	-	-	-	-
8					60	CO3	Understand the importance of ethical Accounting practices.	-	-	Strong-H	-	-
8					60	CO4	Apply key accounting concepts to understand Financial performance.	-	-	-	Moderate-M	-

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8					60	CO5	Analyze Financial performance & position and evaluate its strengths and weaknesses, and propose changes to improve it.	-	-	-	-	Strong-H
9	SEM I (2019-2021)	040541109 - PP	T2528	Sports Development	60	CO1	Develop an understanding of the Sport Development Continuum	-	-	Strong-H	-	-
9					60	CO2	Compare Sport Development across Countries and the Diversity associated with it	-	-	-	-	Strong-H
9					60	CO3	Identify and Recognize the role of Sport in development of individual as well as society	-	-	Moderate-M	-	-
9					60	CO4	Evaluating the different aspects of Sport Development in India	-	-	Moderate-M	-	-
9					60	CO5	Applying the Sport Development understanding to Real World Problem Solvin	Strong-H	-	-	-	-
10	SEM I (2019-2021)	040541109 - PP	T2528	Management of operations	60	CO1	Understand operations management concepts and operations strategy	-	Strong-H	-	-	-
10					60	CO2	Understand role of processes and technology , product and service design in operations management	-	-	Moderate-M	-	-
10					60	CO3	Understand locating production and service facilities and layout planning	-	-	Weak-L	-	-
10					60	CO4	Understand role of job design and work measurement , Purchase and procurement activities in operations management	Moderate-M	-	-	-	-
10					60	CO5	Understanding Quality control, Quality managemnet systemss, Lean Tools and service operations management	-	-	-	-	Strong-H
11	SEM I (2019-2021)	040541110 - PP	T2573	Organizational Behaviour	60	CO1	To help the students describe how organizational behavior affects the performance and effectiveness.	-	-	-	Strong-H	-
11					60	CO2	To understand the dynamics of individual and group behavior in organizations	-	-	Moderate-M	-	-
11					60	CO3	To have a basic frame work of predicting individual and group behaviour in organizations	-	-	-	-	Moderate-M
11					60	CO4	To enable students to use organizational behavior theories and methods to achieve better interpersonal relationships and manage people effectively.	-	-	Moderate-M	-	-
12	SEM I (2019-2021)	040541111 - PP	T2560	Principles and Practices of Management	60	CO1	Adoption of management concepts and practices in the sports industry	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
12					60	CO2	Understand Values, Roles and Functions of Management and analyse the environment	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
12					60	CO3	Understand the types of organization and Management in objective setting	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
12					60	CO4	To Apply the various principles of scientific management	-	-	-	-	Strong-H

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12					60	CO5	To apply decision making techniques	Strong-H	-	-	-	-
13	SEM I (2019-2021)	040541112 - PP	T4652	Concepts and Practices in Sports - I	60	CO1	DemoDemonstrate understanding of the evolution, rules and regulations of Cricket nstrate understanding of the evolution, rules and regulations of Cricket	-	Moderate-M	-	-	-
13					60	CO2	Explain the governace of Cricket by various National and International bodies	-	-	Strong-H	-	-
13					60	CO3	Explain the commercialization of Cricket globally	-	-	-	-	Strong-H
14	SEM II (2019-2021)	040541201 - PP	T2280	Human Resource Management	60	CO1	Explain the importance of human resources and their effective management in organizations,Evaluate the various HR functions	Moderate-M	-	-	-	-
14					60	CO2	Demonstrate a basic understanding of HR Practices in the Sports Industry	-	Moderate-M	-	-	-
14					60	CO3	CLO1 Outline the current theory and practice of recruitment and selection. This includes but is not limited to the supply of human resources and the advantages and disadvantages of external and internal recruiting	-	Weak-L	-	-	-
14					60	CO4	Demonstrate the ability to prepare a selection strategy for a specific job. This includes researching the different interview processes and the advantages and disadvantages of the different types of interviews and the preparation of employment offers Develop, analyze and apply advanced training strategies and specifications for the delivery of training programs	-	Strong-H	-	-	-
14					60	CO5	Comprehensive understanding of the various issues in HR	-	-	Strong-H	-	-
15	SEM II (2019-2021)	040541202 - PP	T2618	Project Management	60	CO1	To understand and learn major aspects of project management	Moderate-M	-	-	-	-
15					60	CO2	To discuss various concepts, tools & techniques of project management.	-	Strong-H	-	-	-
15					60	CO3	To discuss various issues related to project planning and scheduling	-	-	Moderate-M	-	-
15					60	CO4	To discuss various issues in project evaluation.	-	-	Moderate-M	-	-
15					60	CO5	To analyze and categorize the different risks involved in project management	Moderate-M	-	-	-	-
16	SEM II (2019-2021)	040541203 - PP	T5097	Event Management	60	CO1	Introduction to Event management	-	Moderate-M	-	-	-
16					60	CO2	Stakeholders of an event and how to identify, understand, set and achieve - expectation set	-	-	-	-	Moderate-M
16					60	CO3	Overview on types of events	-	-	-	-	Moderate-M
16					60	CO4	Case studies and experiential learning to understand planning and implementation of events	-	-	-	-	Moderate-M

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17	SEM II (2019-2021)	040541204 - PP	T4647	Financial Management in Sport Industry	60	CO1	Demonstrate understanding of basic Concepts & Techniques of Financial-decision-making	-	Moderate-M	-	-	-
17					60	CO2	Analyze Financial Statements relevant to Sports Industry Professionals	Strong-H	-	-	-	-
17					60	CO3	Apply & demonstrate usage of financial terms w.r.t. Project-Finance	Strong-H	-	-	-	-
18	SEM II (2019-2021)	040541205 - PP	T4649	Sports Analytics	60	CO1	Demonstrate a basic understanding of Analytics in sports	Moderate-M	-	-	-	-
18					60	CO2	Explain the importance and need of Sports Analytics	-	Weak-L	-	-	-
18					60	CO3	Identify the Key Performance indicators (KPI) in different sports	-	-	-	Moderate-M	-
18					60	CO4	Analyze data and interpret the results	Strong-H	-	-	-	-
19	SEM II (2019-2021)	040541206 - PP	T4650	Sport Marketing	60	CO1	Student will be able to analyze, differentiate and apply marketing principles for Sports industry	Strong-H	-	-	-	-
19					60	CO2	Student will be able to understand sports customer compose the tools and techniques necessary to create a value proposition for sports product	-	-	-	-	Moderate-M
19					60	CO3	Student will be able to create amature event to professional event and apply better sponsorship and corporate partnerships strategies.	Moderate-M	-	-	-	-
19					60	CO4	Students will be able to create a promotion plan for different sports products	-	Moderate-M	-	-	-
19					60	CO5	Student will be able to create and manage a sports brand.	-	Moderate-M	-	-	-
20	SEM II (2019-2021)	040541207 - PP	T4659	Sports Equipment and Facility Management	60	CO1	Develop an understanding of the basic concepts of Equipment and Facility Management	-	-	-	-	Moderate-M
20					60	CO2	Analyze the issues ranging from building, financing, revenue generation and risk management concern in Equipment and facility management.	-	Moderate-M	-	-	-
20					60	CO3	Application of theoretical knowledge in finding out practical opportunities in contemporary Sports Scenario	Moderate-M	-	-	-	-
20					60	CO4	Compare the currently operated high revenue generating facilities with its linkage to a specific sport.	-	Strong-H	-	-	-
20					60	CO5	Evaluate the requirement & supply/provisioning gap of these facilities in Indian Sports Scenario.	Moderate-M	-	-	-	-
21	SEM II (2019-2021)	040541208 - PP	T2225	Research Methodology	60	CO1	Demonstrate a basic understanding of research and its concept	-	-	-	-	Moderate-M
21					60	CO2	Explain the importance of Research	Weak-L	-	-	-	-

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21					60	CO3	Identify research problem and formulate research hypothesis	-	-	-	-	Moderate-M
21					60	CO4	Analyze data and interpret the result	Moderate-M	-	-	-	-
21					60	CO5	Design a research proposal	-	-	-	-	Strong-H
22	SEM II (2019-2021)	040541209 - PP	T4657	Introduction to Sports Technology	60	CO1	Demonstrate understanding of different technologies used in sports	-	-	Moderate-M	-	-
22					60	CO2	Explain the importance of technology in sports	-	-	Weak-L	-	-
22					60	CO3	Identify the need of sports specific equipment and technology	-	-	-	Moderate-M	-
22					60	CO4	Demonstrate the ability to compare and contrast between technologies in sports	Moderate-M	-	-	-	-
23	SEM II (2019-2021)	040541210 - PP	T4801	Project	60	CO1	To provide an extensive exposure to the student and hands on experience in the sports industry.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
23					60	CO2	To encourage students to take time bound multi-disciplinary and goal-oriented assignments or projects involving team work.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
23					60	CO3	To acquire the skills, knowledge, attitude, perception and competencies along with the experience needed to work in the industry.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
23					60	CO4	To undertake projects that involves the element of analytical thinking, processing and decision-making.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
24	SEM II (2019-2021)	040541212 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Strong-H	-	-	-	-
24					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	-	Moderate-M	-	-	-
24					60	CO3	To train students to perform First aid and CPR in an emergency..	-	-	Moderate-M	-	-
25	SEM II (2019-2021)	040541213 - PP	T6016	Basic Spanish 1	60	CO1	Students will develop their basic level linguistic skills in reading and writing in the target language.	-	-	-	-	Moderate-M
25					60	CO2	Students will develop their basic level linguistic skills in speaking and listening in the target language.	-	-	-	-	Moderate-M
25					60	CO3	Students will develop their ability to converse in various day-to-day scenarios in the target language.	-	-	-	-	Moderate-M
25					60	CO4	Speak, write, read and understand in the target language by combining and recombining learned elements; read simple, connected texts in a consistent way with reasonable and graduated understanding.	-	-	-	-	Moderate-M
26	SEM II (2019-2021)	040541214 - PP	T6012	Basic German 1	60	CO1	Speaking skills: Basic communication; usage of colloquial language e.g. introducing oneself and others, ordering in a restaurant, booking tickets, describing the way, shopping,	-	-	Strong-H	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
26					60	CO2	Reading skills: Comprehending the gist of simple texts related to everyday life, selective and global understanding of texts, highlighting the cultural aspects etc.	-	-	Moderate-M	-	-
26					60	CO3	Listening skills: Can understand simple authentic audio texts, pronunciation, accent, intonation, simple sentences, common structures and words from important everyday situations (e.g. basic personal and family information, shopping, local area)	-	-	Moderate-M	-	-
26					60	CO4	Writing skills: Ability to construct simple sentences related to oneself as well as others, filling official forms, etc.	-	-	Moderate-M	-	-
26					60	CO5	Grammar: Exposure to some simple aspects and rules of grammar in order to facilitate sentence formation.	-	-	-	-	Moderate-M
27	SEM II (2019-2021)	040541216 - PP	T4801	Social Responsibility Project	60	CO1	To provide an extensive exposure to the student and hands on experience in the sports industry.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
27					60	CO2	To encourage students to take time bound multi-disciplinary and goal-oriented assignments or projects involving team work.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
27					60	CO3	To acquire the skills, knowledge, attitude, perception and competencies along with the experience needed to work in the industry.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
27					60	CO4	To undertake projects that involves the element of analytical thinking, processing and decision-making.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
28	SEM II (2019-2021)	04054211 - PP		Advance Excel	60	CO1	Represent data using advanced charts: Pareto, Waterfall, Sunburst charts etc.	-	-	Strong-H	-	-
28					60	CO2	Analyse and represent data using Data Tables.	-	-	-	-	Moderate-M
28					60	CO3	Represent and visualise data using Pivots, Data Models, Power Pivots, Power View Reports and Dashboards	-	-	Strong-H	-	-
29	SEM II (2019-2021)	101 - PP		Applied IT	60	CO1	Create well formatted documents like business proposals, business/marketing plans, agreements, newsletters, reports, brochures, invoices, business card etc. using Microsoft	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
29					60	CO2	Analyse, represent data and perform basic and complex calculations using Microsoft Excel.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
29					60	CO3	Create effective presentations using Microsoft PowerPoint.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
29					60	CO4	Migrate content from Microsoft Office to Google Docs, Sheets and Slides. Working with basic Google Apps like Hangout/Meet, Calendar etc.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
29					60	CO5	Design different types of forms like enquiry form, survey form, feedback form etc. using Google Forms and perform data analytics for the same.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
30	SEM III (2018-2020)	040541301 - PP	T4907	Mental Conditioning	60	CO1	Students recognize the importance of various concepts of Mental Conditioning and its application while dealing with an Athlete	-	Moderate-M	-	-	-
30					60	CO2	Students understand importance of Motivation	-	Moderate-M	-	-	-
30					60	CO3	Students know importance of Psychological Skill Training and able to apply them in daily practice routine	-	-	-	-	Moderate-M
30					60	CO4	Students recognize importance of Group Dynamics and Team Cohesion	Moderate-M	-	-	-	-
30					60	CO5	Students recognize Dynamics of Coach-Athlete relationship	Moderate-M	-	-	-	-
31	SEM III (2018-2020)	040541302 - PP	T1361	Project	60	CO1	To provide an extensive exposure to the student and hands on experience in the sports industry.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
31					60	CO2	To encourage students to take time bound multi-disciplinary and goal-oriented assignments or projects involving team work.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
31					60	CO3	To acquire the skills, knowledge, attitude, perception and competencies along with the experience needed to work in the industry.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
31					60	CO4	To undertake projects that involves the element of analytical thinking, processing and decision-making.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
32	SEM III (2018-2020)	040541303 - PP	T4596	Legal Aspects of Sports	60	CO1	Understand both National and International sports structure and the legal system.	-	-	-	-	Moderate-M
32					60	CO2	Understand the scope and limits of organizers' autonomy and legal compliance on the commercialization of sports with the help of expert knowledge and case laws.	-	-	Moderate-M	-	-
32					60	CO3	understand real life challenges faced by sports persons, sports entertainment and sports organizer.	-	-	-	-	Moderate-M
32					60	CO4	Understand the issues of sports law in different legal jurisdictions to serve the interests of various stakeholders.	-	-	Moderate-M	-	-
32					60	CO5	Understand the regulatory and legal dimensions of sport governing bodies, sportspersons and the community both at national and international level with practical insights.	-	-	Moderate-M	-	-
33	SEM III (2018-2020)	040541304 - PP	T4590	Media Management in Sports	60	CO1	Understand the importance of Media Management and planning; processes	-	Moderate-M	-	-	-
33					60	CO2	Understand the processes of Hiring a PR Agency	-	-	Weak-L	-	-
33					60	CO3	Understanding the Importance of Key Messages and Role of a Spokesperson	Weak-L	-	-	-	-
33					60	CO4	Understand the importance of Writing a Media Release	-	-	-	-	Moderate-M
33					60	CO5	Understand guidelines for Effective Television interview and Media engagemen	-	-	-	-	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
34	SEM III (2018-2020)	040541305 - PP	T2643	Innovation and Entrepreneurship in India	60	CO1	Understand evolution and growth various sectors in India which will help in learning Indian spirit of innovation and entrepreneurship	-	-	-	-	Weak-L
34					60	CO2	Learn how large and small companies in India have been able to accomplish continuous growth and value creation. Also, learn opportunities and challenges for the future	-	-	Moderate-M	-	-
34					60	CO3	Learn how innovative startups in India have been able to succeed in the absence of innovation and entrepreneurship ecosystem in India	-	Moderate-M	-	-	-
35	SEM III (2018-2020)	040541306 - PP	T4697	Management of Fitness, Physical Activity, Recreation and Sports	60	CO1	Demonstrate understanding of Youth and community recreation and sports in Club and Recreation Industry	-	-	-	Moderate-M	-
35					60	CO2	Explain the organization and facility design of the health club	-	-	-	Moderate-M	-
35					60	CO3	Identify models of customer service quality for customer retention in the health and fitness industry	-	-	-	Moderate-M	-
35					60	CO4	Demonstrate understanding and analyze marketing strategies in the health and fitness industry	-	-	-	Strong-H	-
35					60	CO5	Able to set the targets and evaluate the performance of the individuals	Strong-H	-	-	-	-
36	SEM III (2018-2020)	040541307 - PP	T2612	Social Responsibility Project	60	CO1	To provide an extensive exposure to the student and hands on experience in the sports industry.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
36					60	CO2	To encourage students to take time bound multi-disciplinary and goal-oriented assignments or projects involving team work.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
36					60	CO3	To acquire the skills, knowledge, attitude, perception and competencies along with the experience needed to work in the industry.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
36					60	CO4	To undertake projects that involves the element of analytical thinking, processing and decision-making.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
37	SEM III (2018-2020)	040541308 - PP	T4658	Summer Internship	60	CO1	To provide an extensive exposure to the student and hands on experience in the sports industry.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
37					60	CO2	To acquire the skills, knowledge, attitude and perception along with the experience	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
37					60	CO3	To encourage students to take time bound multi-disciplinary and goal-oriented assignments or projects involving team work.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
37					60	CO4	To understand cross functional work culture	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
38	SEM III (2018-2020)	040541309 - PP	T4691	Event Planning Process	60	CO1	To understand the whole process of planning an event	-	-	-	-	Moderate-M

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38					60	CO2	To know how to select and manage cross-functional and multi-skilled teams	Moderate-M	-	-	-	-
38					60	CO3	To size an event and conduct it, with intent and ownership	-	-	Moderate-M	-	-
38					60	CO4	Assess conducted events, for better understanding and improvement	Moderate-M	-	-	-	-
39	SEM III (2018-2020)	040541310 - PP	T4693	Sports Event Sponsorship	60	CO1	Know and apply the organizational principles of a sport event.	Strong-H	-	-	-	-
39					60	CO2	Understand and put aspects of the financial management of a sport event into practice.	-	Moderate-M	-	-	-
39					60	CO3	Know how to select and manage professional collaborators and/or volunteers necessary.	Moderate-M	-	-	-	-
39					60	CO4	Obtain and align available resources for a sport event.	-	-	-	-	Moderate-M
39					60	CO5	Apply methods of assessing sponsorship in sports and identify aspects that can be further improved.	-	Moderate-M	-	-	-
40	SEM III (2018-2020)	040541311 - PP	T2118	Marketing Research	60	CO1	To have an understanding of contemporary applications of marketing research	-	Moderate-M	-	-	-
40					60	CO2	To have proficiency in use of advanced statistical tools & techniques	-	-	Moderate-M	-	-
40					60	CO3	To interpret & communicate the market research findings.	Moderate-M	-	-	-	-
40					60	CO4	To design and implement a market research project in its entirety	-	Moderate-M	-	-	-
41	SEM III (2018-2020)	040541312 - PP	T2513	Consumer Behaviour	60	CO1	Understand and apply Consumer behaviour and concepts in the sports environment	Strong-H	-	-	-	-
41					60	CO2	Develop Knowledge of consumer behaviour relating it to the real work marketing situations	-	-	-	-	Strong-H
41					60	CO3	Exhibit how stakeholders gather information, form attitudes, make choices, convert those choices into behaviour	Moderate-M	-	-	-	-
41					60	CO4	Describe and apply the stages in the decision-making process	Strong-H	-	-	-	-
42	SEM III (2018-2020)	040541313 - PP	T4698	Technology in Sportswear and Performance Apparel	60	CO1	Demonstrate understanding of wearable technology and performance apparel in sports	Strong-H	-	-	-	-
42					60	CO2	Explain the need and importance of wearable technology in sports	Moderate-M	-	-	-	-
42					60	CO3	Make use of technology and apply in real situation	-	-	-	-	Strong-H
42					60	CO4	Analyze and Visualize data with the interpretation of results	-	-	-	-	Strong-H

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43	SEM III (2018-2020)	040541315 - PP	T4698	Application of Sports Analytics	60	CO1	Demonstrate understanding of Analytics in sports	-	-	-	-	Moderate-M
43					60	CO2	Explain the need of sports analytics for Athletes, Trainers, Coaches and Managers	Moderate-M	-	-	-	-
43					60	CO3	Identify and categorize the Key Performance indicators (KPI) in different sports	-	Moderate-M	-	-	-
43					60	CO4	Analyze and Visualize data with the interpretation of results	Strong-H	-	-	-	-
44	SEM IV (2018-2020)	040541401 - PP	T4804	Capstone Project	60	CO1	Identify a research problem and formulate a research hypothesis	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
44					60	CO2	Design a research proposal	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
44					60	CO3	Analyze data and interpret the result	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
44					60	CO4	Solve the research problem	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
45	SEM IV (2018-2020)	040541402 - PP	T2569	Strategic Management	60	CO1	Demonstrate, understanding of the concept principle of strategic management and practises	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M
45					60	CO2	To apply concepts , theory & tools to analyse strategic issues in organisation	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
45					60	CO3	Demonstrate the knowledge and ability to apply strategic models	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M
45					60	CO4	Analyse the competitive situations and strategic issues in dealing with changing global environment in terms of market trends.	Moderate-M	Moderate-M	-	-	Moderate-M
46	SEM IV (2018-2020)	040541403 - PP	T4592	Marketing Strategy	60	CO1	Expertise in Social Media Marketing	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
46					60	CO2	Analyze various components of Marketing Strategy	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
46					60	CO3	Formulate suitable strategies for application in real life scenario	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
46					60	CO4	Boyd Larreche Walker Mullins, Marketing Strategy A Decision-Focused Approach	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
47	SEM IV (2018-2020)	040541404 - PP	TH4083	Digital Marketing	60	CO1	Assess and analyse Internet marketing and further utilize it for marketing communication options.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
47					60	CO2	Compare and contrast different tools and techniques available for Digital marketing and suggest in final marketing strategy.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
47					60	CO3	Evaluate and prepare digital marketing strategies using latest trends.	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
47					60	CO4	Expertise in Search Engine Marketing	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
47					60	CO5	Expertise in Social Media Marketing	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
48	SEM IV (2018-2020)	040541405 - PP	T2615	Event Implementation	60	CO1	To understand the process and implementation of organising an event.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
48					60	CO2	To know how to select and manage professional collaborators and/or volunteers necessary.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
48					60	CO3	To determine, obtain and align available resources for a sport event.	-	Moderate-M	Weak-L	Weak-L	Moderate-M
48					60	CO4	To apply methods of assessing a sport event and identify aspects that can be further improved.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
48					60	CO5	To independently manage an entire event	Weak-L	Moderate-M	Weak-L	-	Moderate-M
49	SEM IV (2018-2020)	040541406 - PP	T2139	Scouting, Nurturing and Development in Sports for Athletic Talent	60	CO1	To understand the process of event marketing.	Moderate-M	Moderate-M	-	-	Moderate-M
49					60	CO2	To understand the wide scope of various event marketing activities.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
49					60	CO3	To understand the theory and concepts behind the practice of marketing communications.	-	Moderate-M	-	-	Moderate-M
49					60	CO4	To develop an understanding of the diversity, scale and variety of events that requires marketing strategies.	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M
49					60	CO5	To comprehend how event marketing is expanding globally	Weak-L	Moderate-M	Moderate-M	-	-
50	SEM IV (2018-2020)	040541406 - PP	T2139	Event Marketing And Communication	60	CO1	To understand the process of event marketing.	Moderate-M	Moderate-M	-	-	Moderate-M
50					60	CO2	To understand the wide scope of various event marketing activities.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
50					60	CO3	To understand the theory and concepts behind the practice of marketing communications.	-	Moderate-M	-	-	Moderate-M
50					60	CO4	To develop an understanding of the diversity, scale and variety of events that requires marketing strategies.	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M
50					60	CO5	To comprehend how event marketing is expanding globally	Weak-L	Moderate-M	Moderate-M	-	-
51	SEM IV (2018-2020)	040541407 - PP	T4699	Performance Management System in Sports	60	CO1	Demonstrate understanding of Instrumentation of sports equipment's and designing of sports facilities	-	-	-	-	Moderate-M
51					60	CO2	Explain the the current status of sports technology	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
51					60	CO3	Identify the need and use of technology in different Sports	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
51					60	CO4	Demonstrate the ability to compare and contrast between technologies in sports	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
52	SEM IV (2018-2020)	040541407 - PP	T4699	Application of Technology in Sports	60	CO1	Demonstrate understanding of Instrumentation of sports equipment's and designing of sports facilities	-	-	-	-	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
52					60	CO2	Explain the the current status of sports technology	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
52					60	CO3	Identify the need and use of technology in different Sports	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
52					60	CO4	Demonstrate the ability to compare and contrast between technologies in sports	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
53	SEM IV (2018-2020)	040541408 - PP	T4700	Sports Software	60	CO1	Upon successful completion of this course, students will be able to Demonstrate comprehension of sports software	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
53					60	CO2	Demonstrate a breadth and depth of knowledge in Sports software	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
53					60	CO3	Evaluates and selects software appropriate to the application, and resource constraints	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
53					60	CO4	Maintains awareness and understanding of emerging technology	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Understand and apply the concepts and theories in the areas of communication; and demonstrate an understanding of the history & evolution of media forms and the role of professionals/institutions in shaping communications
2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	Write correctly and clearly in forms and styles appropriate for the communications professions, audiences and purposes they serve by converting knowledge and experience learnt in the class room and simulated environments and apply to the real world situations
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	Demonstrate an understanding of the diversity of peoples, regions, countries and cultures, ideas and opinions, and of the significance and impact of communications in addressing local/global issues related to environment, sustainability and resource management
4	GA2	Global citizenship: ethical, social and professional understanding	PO4	Understand the communication needs of developing societies, develop empathy and understanding, and become the voice of underprivileged, voiceless communities
5	GA1	Scholarship: research, inquiry and lifelong learning	PO5	Apply their knowledge and understanding for complex problem solving in the real world; think critically, creatively and independently and conduct research relevant to the communications professions in which they work
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	Understand and apply the principles and laws of freedom of speech and press; demonstrate an understanding of professional ethical principles in governance and management, and work professionally and ethically in pursuit of truth, accuracy and fairness
7	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO7	Apply modern tools and technologies relevant to various media and communications professions for purposes of production, creative design and research in both non-digital and digital communications world
8	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO8	Develop leadership skills, business acumen, managerial skills and the ability to work effectively in teams for potential self-employment, entrepreneurship and/or to contribute to enhancing the productivity, efficiency and bottom-lines of organisations employing them
9	GA1	Scholarship: research, inquiry and lifelong learning	PO9	Continuously knowledge and upgrade skills in accordance with the changing requirements of the media and communications domains; develop adaptability and the keenness to be a life-long learner
10	GA2	Global citizenship: ethical, social and professional understanding	PO10	Keep and enhance the core cultural and professional values of SIU in their daily work and lives while participating in the programme as well as in their future professional and personal lives

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
1	SEM I	050422101-PP	T6765	Political science III	60	CO1	Trace the evolution of International Relations, and identify the roots of current international politics in the past.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L
1					60	CO2	Understand the changing nature of power in a post-globalised world.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
1					60	CO3	Identify determinants for preferential behaviour in International Relations.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
1					60	CO4	Understand the implementation of ideals through governmental policies, regionalism and integration.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
1					60	CO5	Analyse major issues in world politics and conflicts affecting world peace.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
1					60	CO6	Identify and discuss non-state actors in International Relations.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H
1					60	CO7	Understand the foundational principles of foreign policy and their adaptations in a changing world.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
2	SEM I	050422102 - PP	T2114	Essential of marketing management	60	CO1	Define the basic concepts in marketing and examine how these are applied to the industry.	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
2					60	CO2	Examine marketing perspectives essential for managers in the current world.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
2					60	CO3	Critically analyse marketing strategies of companies.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M
2					60	CO4	Discuss and analyse current trends, challenges and issues in marketing globally.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO5	Apply basic marketing principles to develop a marketing strategy.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
3	SEM I	050422103 - PP	T5227	Foundation of photography	60	CO1	Critically examine the photographic image as a means of mass communication.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
3					60	CO2	Identify parts of a camera and demonstrate the functions of various photography equipment.	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M

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3					60	CO3	Create basic light and camera set up in a photo studio.	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
3					60	CO4	Create a good photographic image by applying basic photography techniques and rules of aesthetics.	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M
3					60	CO5	Demonstrate use of photography as a means of self-expression.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H
4	SEM I	050422104-PP	T5002	Current Affairs	60	CO1	Develop an interest and/or a practice of reading news on a regular basis	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
4					60	CO2	Identify and follow a variety news sources on various platforms, offering differing perspectives in broad areas of national politics & governance, international affairs, business and economy, sports and entertainment	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
4					60	CO3	Demonstrate basic understanding of social, cultural, political, economic, historical, legal and ethical issues that shapes news at the national and global level	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
4					60	CO4	Critically and objectively analyse news coverage of major national and international issues	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
4					60	CO5	Form informed opinions and make reasoned arguments on key issues of the day	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
5	SEM I	050422105-PP	T5166	Introduction to Aasthetics and visual communication	60	CO1	Understand visual perception and its communication function	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M

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9					60	CO4	Analyse media representations and media in a globalised world as a tool for exploring social realities.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
9					60	CO5	Apply media studies methodologies to media content analysis	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
10	SEM II	050422201 - PP	T5447	Introduction to Journalism	60	CO1	Explain the concept of news and trace the history and evolution of journalism worldwide	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
10					60	CO2	Identify and distinguish between different kinds of news	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
10					60	CO3	Develop a balanced perspective on journalism and analyse the changing dynamics of the media industry	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
10					60	CO4	Develop an understanding of how to identify potential news stories and conduct research on the subject for reporting	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
10					60	CO5	Research, report and edit a news story	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
11	SEM II	050422202 - PP	T5519	Language, Culture & Communication	60	CO1	Relate the central terms language culture and communication and define other related terms	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
11					60	CO2	Classify various linguistic and cultural determinations of communication and relate classroom theories with real-life examples	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M
11					60	CO3	Apply cultural theories of communication to identify the basic tenets of contemporary communication	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M

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11					60	CO4	Critically analyse and evaluate overt and covert functions of modern mass communication	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
11					60	CO5	Combine the varied theories of culture and communication to produce project-level work	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
12	SEM II	050422203-PP	T6754	Business and Managerial Communication	60	CO1	Communicate in formal language using appropriate register level of formality in terms of grammatical structures and vocabulary/phrases	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
12					60	CO2	Create work related documents such as emails, resumés and reports	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
12					60	CO3	Speak in work-related situations such as interviews, meetings and presentations; and create visual aids or tools required for the purpose	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
12					60	CO4	Conduct confident, well-mannered written and spoken communication suited for a managerial position	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
12					60	CO5	Speak assertively and present well constructed arguments in discussions	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
13	SEM II	050422204-PP	T3251	Design Tools-I	60	CO1	Identify the various tools in photoshop and the various uses of the software	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
13					60	CO2	Explain the basics of color theory and different color modes and learn how to use resolution effectively in design	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
13					60	CO3	Create Poster/ Magazine Cover/Content using Photoshop tools	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M

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13					60	CO4	Retouch and color images using various Photoshop tools	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M
13					60	CO5	Use advance techniques for retouching and creating special effects in Photoshop	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
14	SEM II	050422205 - PP	T5128	Introduction to Public Relations	60	CO1	Explain the theories and concepts in Public Relations	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
14					60	CO2	Outline the stages of PR evolution in India and globally	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
14					60	CO3	Identify different segments of target audience and examine the importance of Public Opinion in PR	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
14					60	CO4	Identify the tools and tactics used for Media Relations in PR	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
14					60	CO5	Explain the various domains of PR practice and the tools and techniques are used in each	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
15	SEM II	050422206 - PP	T5135	Introduction to Advertising	60	CO1	Explain basic advertising concepts and practices	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
15					60	CO2	Discuss and analyse the role of advertising in Marketing, Communication and Society	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
15					60	CO3	Describe, define and explain the functions and structure of the advertising industry	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
15					60	CO4	Critically assess the growth & changes in advertising over the years	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
15					60	CO5	Identify different career opportunities in the advertising and related fields	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
16	SEM II	050422207 - PP	T5167	Introduction to Audio-Visual Communication	60	CO1	Examine the nature and forms of audio-visual communication and understand the storytelling process	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M

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16					60	CO2	Explain the basic visual components of AV medium and learn how camera & lighting are used to create these	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
16					60	CO3	Understand the elements of filmmaking such as sound, music, editing and post-production processes	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M
16					60	CO4	Develop a basic understanding of script and direction in the AV medium	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
16					60	CO5	Identify roles and career opportunities in filmmaking	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
17	SEM II	050422208 - PP	T5731	Mass Communication theories and Practices	60	CO1	Analyze major theoretical and empirical studies surrounding Communication theories	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
17					60	CO2	Critically analyze and examine different Communication theories and their practical applications	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
17					60	CO3	Develop insights into evolving theories: Human Communication, Media, Culture, Technology	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
17					60	CO4	Evaluate challenges and opportunities surrounding the implications of various Communication Theories	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
17					60	CO5	Use Communication Theories to solve dilemmas of media industry and professionals and enable objective decision-making	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
18	SEM III	050422301 - PP	T6095	Culture and Communication	60	CO1	Relate the central terms culture and communication and define other related terms	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M

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18					60	CO2	Classify various cultural determinations of communication and relate classroom theories with real-life examples	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M
18					60	CO3	Apply cultural theories of communication to identify the basic tenets of contemporary communication	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
18					60	CO4	Critically analyse and evaluate overt and covert functions of modern mass communication	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
18					60	CO5	Combine the varied theories of culture and communication to produce project-level work	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
19	SEM III	050422302 - PP	T6219	Milestones in the World Civilizations: The Post-war World	60	CO1	Identify some of the most influential global figures of the 20th century and discuss their lives personalities and beliefs	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
19					60	CO2	Critically analyze the two dominating political ideologies of the 20th century-Capitalism and Communism	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
19					60	CO3	Discuss and examine the origins and impact of colonialism, fascism and racism	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M
19					60	CO4	Analyse and discuss the collapse of the Soviet Union and its impact on the rest of the world	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
19					60	CO5	Examine the concept of 'Proxy Wars' and discuss their impact on developing/third world countries	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
19					60	CO6	Discuss and analyse the factors that led to the modern day global fight against terrorism	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H

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22					60	CO2	Apply course learnings for completion of projects	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
22					60	CO3	Acquire new knowledge and industry-relevant skills	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
22					60	CO4	Self-evaluate learnings and write reports	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
23	SEM III	050422306 - PP	T5149	Basic News Reporting	60	CO1	Explain basic principles of news reporting and news values	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
23					60	CO2	Discuss coverage of news across various beats and the techniques and requirements for each	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
23					60	CO3	Apply basic interview techniques and understand how to cover press conferences	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
23					60	CO4	Identify and differentiate between general and specialised reporting	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
23					60	CO5	Apply learnings from the module to generate news reports	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
24	SEM III	050422307 - PP	T5150	Tools and Techniques of Editing	60	CO1	Differentiate between writing and editing and learn about the basic principles of editing	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
24					60	CO2	Explain the organizational structure of editorial desks and the roles and responsibilities of the editorial staff	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
24					60	CO3	Apply editing principles in writing headlines, subheads, intros and photo captions, rewriting and use various stylebooks	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
24					60	CO4	Analyse designs and layouts of print publications around the world in terms of their editorial approach	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L

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24					60	CO5	Examine digital tools for content editing and apply their learnings through the practice of news selection, editing news, rewriting press releases, photo captions etc.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
25	SEM III	050422308 - PR	T5169	Introduction to Camera and Lighting	60	CO1	Understand the video camera as an equipment for audio-visual production	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
25					60	CO2	Explain basic principles of camera operation and movement	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
25					60	CO3	Understand exposure and the basic principles of lighting	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
25					60	CO4	Understand principles of visual aesthetics	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
25					60	CO5	Apply lighting and camera operation techniques for project	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
26	SEM III	050422309 - PP	T5170	Introduction to Audio-Visual Post Production	60	CO1	Explain the various processes in AV Post-production	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
26					60	CO2	Explain and analyse principles of visual continuity	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L
26					60	CO3	Examine the role of an editor in a film unit and the dynamics with others in the team in a film production	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
26					60	CO4	Examine the filmmaking process from the creative, technical and aesthetic aspects	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
26					60	CO5	Apply the editing principles in creative visualisations for film	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
27	SEM III	050422310 - PP	T5174	Introduction to Audiography and Music	60	CO1	Explain the basic physics of sound and its connection with audio hardware and software	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L

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27					60	CO2	Analyse audiography as a combination of aesthetics and technology and examine sound scapes around them	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
27					60	CO3	Discuss music as a tool for non-verbal communication	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
27					60	CO4	Examine and assess technical quality of sound in audio-visual products	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L
27					60	CO5	Trace the evolution of different musical genres and discuss the techniques behind creation of a musical composition	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H
28	SEM III	050422311 - PP	T6255	Introduction to Theatre	60	CO1	Trace the history and evolution of various forms of theatre in India	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
28					60	CO2	Analyse specific theatre trends, movements, institutes that connect community, culture and theatre	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M
28					60	CO3	Examine various aspects of theatrical productions such as make-up and lights through lecture-demonstration	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M
28					60	CO4	Critically review plays and theatre performances	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
28					60	CO5	Get hands-on experience in actor training and do improvisations	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
29	SEM III	050422312 - PP	T5120	Media Content Review III (MC)	60	CO1	Follow and discuss media industry developments through reading and self-study	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
29					60	CO2	Review and critically analyse media content relevant to specialisation	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
29					60	CO3	Analyse case studies related to various media practices	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M

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29					60	CO4	Apply course learning to complete projects in areas of specialisation	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
30	SEM III	050422313 - PP	T2202	Business Mathematics	60	CO1	Understand the use of mathematics in business	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M
30					60	CO2	Solve problems using basic mathematical concepts	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
30					60	CO3	Use computers and digital tools to execute mathematical operations	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
30					60	CO4	Examine the new trends mathematical applications in media and business	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
31	SEM III	050422314 - PP	T2114	Essentials of Marketing Management	60	CO1	Define the basic concepts in marketing and examine how these are applied to the industry	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
31					60	CO2	Examine marketing perspectives essential for managers in the current world	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
31					60	CO3	Critically analyse marketing strategies of companies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M
31					60	CO4	Discuss and analyse current trends, challenges and issues in marketing globally	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
32	SEM III	050422315 - PP	T2237	Corporate Social Responsibility	60	CO1	Explain the basic concepts of CSR and its relevance to corporate practice and societies	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H
32					60	CO2	Examine and discuss larger theoretical and empirical aspects of Corporate Social Responsibility	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H
32					60	CO3	Understand emerging opportunities and challenges in the domain of CSR within corporate context	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H

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32					60	CO4	Identify the role of different stakeholders in CSR and analyse campaigns by organisations	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
32					60	CO5	Understand CSR principles and apply them to develop strategic CSR programmes for businesses	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
33	SEM III	050422316 - PP	T2117	Consumer Behaviour	60	CO1	Examine major concepts and research in specific psychological and sociological areas, which have relevance to consumer behaviour	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
33					60	CO2	Explain the importance of perception, attitude, personality, lifestyle & culture to consumer behavior	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
33					60	CO3	Critically, independently and creatively analyse consumer behaviour concepts and their applications	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
33					60	CO4	Analyse how and why people buy and the consumer decision-making process	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M
33					60	CO5	Explain differences between behavioural learning theories, cognitive learning theories and memory	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M
33					60	CO6	Develop consumer behaviour concepts to practical situations involving marketing strategy	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
34	SEM III	050422317 - PR	T3252	Design Tools II	60	CO1	Understand the uses of Corel Draw application and the various tools available	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M
34					60	CO2	Create layouts and design using CorelDraw	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
34					60	CO3	Create basic logos using CorelDraw	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M

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34					60	CO4	Create product design and complex logos using Corel Draw	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
34					60	CO5	Demonstrate use of typography and layouts in Corel Draw	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
35	SEM III	050422318 - PP	T5081	Introduction to Public Relation Industry	60	CO1	Understand the nature and functions of PR industry and evaluate career options	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H
35					60	CO2	Identify effective PR tools and techniques and apply them to a range of contexts	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
35					60	CO3	Acquire basic PR skills such as content writing, speaking and presentation	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M
35					60	CO4	Examine processes in PR business development and will develop basic outlines for PR strategies and campaigns	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
35					60	CO5	Examine the importance of ethics in PR practice	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H
36	SEM III	050422319 - PP	T5121	Media Content Review III (CM)	60	CO1	Follow and discuss media industry developments through reading and self-study	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
36					60	CO2	Review and critically analyse media content relevant to specialisation	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
36					60	CO3	Analyse case studies related to various media practices	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
36					60	CO4	Apply course learning to complete projects in areas of specialisation	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
37	SEM III	050422320 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness, and management.	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
37					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H

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37					60	CO3	To train students to perform First aid and CPR in an emergency.	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	
38	SEM IV	050422401-PP	T5803	Project III	60	CO1	Network with relevant industry and internal stakeholders to source projects or internships	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
38					60	CO2	Apply course learnings for completion of projects	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
38					60	CO3	Acquire new knowledge and industry-relevant skills	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
38					60	CO4	Self-evaluate learnings and write reports	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
39	SEM IV	050422402-PP	T5151	Fundamentals of Feature Writing	60	CO1	Differentiate between news and feature writing	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	
39					60	CO2	Ideate and develop themes for feature articles	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	
39					60	CO3	Understand and apply interview techniques	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	
39					60	CO4	Analyse feature writing in terms of current communication scenario	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	
39					60	CO5	Apply module learnings to write feature articles	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	
40	SEM IV	050422403-PP	T5152	Introduction to Television News	60	CO1	Understand and explain the concept of news reporting for television	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
40					60	CO2	Compare and contrast hard news and features	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
40					60	CO3	Understand and apply the guidelines for television reporting	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	
40					60	CO4	Research and write and edit a news report for television	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	
40					60	CO5	Present news on camera	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	

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43					60	CO4	Identify tools and technologies used in the audio-visual industry	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
43					60	CO5	Trace and analyse the evolution of music in Indian film industry	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
44	SEM IV	050422407 - PR	T3253	Design Tools-III	60	CO1	Understand and use the various tools in Adobe InDesign application	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
44					60	CO2	Examine layouts and templates for design in InDesign	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
44					60	CO3	Create Newspaper, Magazine Cover/Content using InDesign tools	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
44					60	CO4	Do Brochure Design and Printing basic design information	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
44					60	CO5	Create layout for books in InDesign	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
45	SEM IV	050422408 - PP	T6372	Introduction to Literary Criticism	60	CO1	Understand the utility of literary criticism and analyse literary value	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
45					60	CO2	Examine major trends in literary criticism	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
45					60	CO3	Practice close reading and engage with individual texts	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
45					60	CO4	Relate the texts being read with other arts and contemporary media	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
45					60	CO5	Apply the insights in criticism to produce their own critical work on contemporary culture	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H
46	SEM IV	050422409 - PP	T5122	Media Content Review IV (MC)	60	CO1	Follow and discuss media industry developments through reading and self-study	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
46					60	CO2	Review and critically analyse media content relevant to the specialisation	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M

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46					60	CO3	Analyse case studies related to various media practices	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
46					60	CO4	Apply course learning to complete projects in areas of specialisation	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
47	SEM IV	050422410 - PP	T2213	Business Statistics	60	CO1	Understand various statistical applications in business	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
47					60	CO2	Explain basic concepts in statistics such as tabulation and graphs	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
47					60	CO3	Understand and apply concepts such as measures of central tendencies & measures of variation	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
47					60	CO4	Interpret statistical analysis and results	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
47					60	CO5	Understand the application of correlation and regression, and compute them	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
48	SEM IV	050422411 - PP	T2129	Essentials of Brand Management	60	CO1	Explain the concept of brands examine the marketing industry	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L
48					60	CO2	Analyse Marketing as a Holistic and overarching umbrella under which there are various aspects	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
48					60	CO3	Apply theoretical concepts like 7Ps and STPD processes to real work situations	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
48					60	CO4	Prepare a basic Marketing Plan for a Product or Service	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
48					60	CO5	Prepare a promotional plan for a Product/Service being launched	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
48					60	CO6	Create a New Product Development Plan for a Product or Service	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H

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48					60	CO7	Analyse an existing market situation and prepare SWOTs for building new and innovative positioning strategies	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
49	SEM IV	050422412 - PP	T5136	Fundamentals of Advertising Management	60	CO1	Explain how advertising works with the business concepts of marketing and sales	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
49					60	CO2	Understand target audiences and their identification, segmentation, targeting and setting objectives for ad campaigns	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
49					60	CO3	Develop creative approaches for effective advertising in various media	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
49					60	CO4	Understand the role of research and apply it in planning & evaluating advertising	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
49					60	CO5	Demonstrate effective written and verbal communication and teamwork skills for client pitch presentations and reports	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
50	SEM IV	050422413 - PP	T5481	Overview of Media Industry and Planning	60	CO1	Examine evolving platforms, technologies and key players in the media industry	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
50					60	CO2	Outline the basic media planning process	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
50					60	CO3	Understand and apply media buying and negotiation strategies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
50					60	CO4	Evaluate challenges in media planning	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
50					60	CO5	Draft a media plan for a given scenario	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
51	SEM IV	050422414 - PP	T5138	Fundamentals of Advertising Creative and Copywriting	60	CO1	Understand and apply visualisation techniques in advertising and design	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L

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51					60	CO2	Understand the ideation and creative process in advertising	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	
51					60	CO3	Write an advertising copy	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	
51					60	CO4	Write for digital media	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	
51					60	CO5	Write for digital media	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
52	SEM IV	050422415 - PP	T5131	Fundamentals of Event Management	40	CO1	Develop an understanding of the events industry and assess career options in the industry	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
52					40	CO2	Identify the different roles in event management and their team dynamics, and the skill sets required for each	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
52					60	CO3	Explain the tools and technologies used in event planning and management	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
52					60	CO4	Formulate events budget, conduct risk assessment, and develop operations, logistics strategies	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
52					60	CO5	Design, plan and execute an event in teams	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	
53	SEM IV	050422416 - PP	T5123	Media Content Review IV (CM)	60	CO1	Follow and discuss media industry developments through reading and self-study	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
53					60	CO2	Review and critically analyse media content relevant to the specialisation	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	
53					60	CO3	Analyse case studies related to various media practices	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	
53					60	CO4	Apply course learning to complete projects in areas of specialisation	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	
54	SEM IV	050422417 - PP	T2139	Digital Marketing	60	CO1	Understand and implement the basics of Content Marketing in Text, Images, Email & Videos	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	

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54					60	CO2	Understand and implement the basics of Search Engine Optimization in the internet	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
54					60	CO3	Understand and implement Search Engine Marketing especially on Google Ads	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
54					60	CO4	Understand and implement Social Media Optimization including Social Media Theory & Networks	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
54					60	CO5	Create and implement an online campaign plan	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
55	SEM IV	050422418 - PP	T5146	Fundamentals of Media Research Methodology	60	CO1	Apply key theoretical and methodological concepts deployed in media studies	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
55					60	CO2	Conduct pilot studies on themes related to media studies in a systematic manner	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
55					60	CO3	Write literature reviews for research papers/dissertations and learn the different styles of writing, citations and bibliography	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M
55					60	CO4	Organize and interpret the research findings and present the results in a systematic manner	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
55					60	CO5	Design and conduct quantitative/ qualitative research projects	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
56	SEM IV	050422419 - PP	T6218	Glimpses of India: Post Independence	60	CO1	Identify some of the most influential Indian Politicians of the 20th Century and discuss their lives, personalities and beliefs	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
56					60	CO2	Critically analyze the impact of Partition on Indo-Pak relations	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M

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56					60	CO3	Examine and discuss the impact of the wars that India was involved in the 20th century	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
56					60	CO4	Analyse the impact of various momentous post-independence events, including National Emergency, Political instability and Liberalisation	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
56					60	CO5	Examine and discuss the myriad political alliances India has forged post-independence	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
57	SEM IV	050422420 - PP	T6096	Creative Writing	60	CO1	Develop an interest in creative writing	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M
57					60	CO2	Read a variety of creative works in both fiction and non-fiction	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
57					60	CO3	Explore creativity through discussions, exercises, thinking and develop imaginative skills	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
57					60	CO4	Explore group dynamics and be able to discuss and critically analyse creative works	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
57					60	CO5	Complete a variety of writing exercises	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
58	SEM IV	050422421 - PP	T2339	Introduction to Entrepreneurship	60	CO1	Understand the evolution and role of entrepreneurs in emerging economies and evaluate the startup ecosystem in India	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
58					60	CO2	Understand and outline the essential qualities and skillsets required for entrepreneurs	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
58					60	CO3	Outline the entrepreneurship process from ideation to setting up of a venture	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
58					60	CO4	Present and pitch ideas	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

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58					60	CO5	Outline a business plan as part of project	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
59	SEM IV	050422422-PP	T5015	Radio	60	CO1	Trace the history and evolution of Indian and International radio broadcasting	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
59					60	CO2	Examine the value of radio in nation building	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
59					60	CO3	Understand and apply guidelines and principles for radio programming	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
59					60	CO4	Identify different programme formats and the process of production of each	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
59					60	CO5	Produce a recorded radio programme	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
60	SEM V	050422501-PP	T5803	Project IV	60	CO1	Source and execute field projects or academic research projects under faculty guidance	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
60					60	CO2	Apply course learnings for completion of projects	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
60					60	CO3	Acquire new knowledge and industry-relevant skills	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
60					60	CO4	Self-evaluate learnings and write reports	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
61	SEM V	050422502-PP	T5171	Overview of Non-fiction Filmmaking	60	CO1	Trace the evolution of non-fiction filmmaking and identify various forms and genres	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M
61					60	CO2	Discuss how documentaries have become a tool for social awareness and change	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H
61					60	CO3	Analyse documentary filmmaking art from the perspective of nature, wildlife and environment protection	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
61					60	CO4	Do contextual and critical analysis of documentaries and non-fiction films	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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62	SEM V	050422503 - PP	T5173	Fundamentals of Broadcast and Unconventional Media	60	CO1	Compare the historical contexts in which Broadcast Media forms like radio and television emerged around the world	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
62					60	CO2	Identify and discuss different programming strategies and their relation to the state, economy and popular culture	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
62					60	CO3	Analyze media content and evaluate efficacies of distribution channels	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
62					60	CO4	Analyse new modes of communication and mass media and discuss means of adapting to evolving technologies	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
62					60	CO5	Create media content for new media and develop strategies of distribution and revenue generation	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
63	SEM V	050422504 - PP	T5171	Electronic Media Production	60	CO1	Understand and outline the processes involved in production	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
63					60	CO2	Develop outline, plan for a programme one of the various media domains	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
63					60	CO3	Work in teams on pre-production, shoot and post-production processes	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
63					60	CO4	Present the completed project	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
64	SEM V	050422505 - PP	T5153	Specialised Reporting: Print and Online	60	CO1	Identify different areas of specialised reporting such as gender, health, science, sports entertainment etc.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
64					60	CO2	Understand coverage of specific issues in each area and the skill requirements	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
64					60	CO3	Analyse trends in the specialised reporting areas	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M

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64					60	CO4	Write and report news in specialised areas as part of project	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
65	SEM V	050422506 - PP	T6286	International Relations Theory and Contemporary World Order	60	CO1	Explain the basic concepts of the modern state system	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
65					60	CO2	Identify international relations theory in media discourses	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
65					60	CO3	Identify and evaluate political narratives	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M
65					60	CO4	Examine frameworks to understand international events	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
65					60	CO5	Apply international relations concepts to their own media projects	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
66	SEM V	050422507 - PP	T5163	Cyber Media	60	CO1	Digital journalism startups, their funding and positioning in India; use of blockchain and AI in Digital Journalism	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
66					60	CO2	Compare and contrast stories on social media and print media	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
66					60	CO3	Analyze cyber media content and evaluate its relevance to culture, society and politics	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
66					60	CO4	Experiment with and analyze new modes of news presentation and develop ways of adapting to evolving technologies	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
66					60	CO5	Create content for cyber media and develop strategies for distribution	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
67	SEM V	050422508 - PP	T5155	Layout and Design for Print Publications	60	CO1	Do grid calculations & Grid designs in InDesign application	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
67					60	CO2	Create compositions to reflect harmony, rhythm, contrast and balance	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L

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67					60	CO3	Apply various typography compositions dealing with alignments and text heirarchy	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
67					60	CO4	Design grid, text & image systems	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
67					60	CO5	Apply learnings from the module to create a prototype lab journal	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
68	SEM V	050422509 - PP	T5156	Journalism in Hindi	60	CO1	Identify and differentiate between different dialects and forms of Hindi language	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
68					60	CO2	Hold essential conversations and interviews in Hindi	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
68					60	CO3	Use grammatically correct Hindi in writing and speaking	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
68					60	CO4	Understand jargon and use specialised Hindi words, idioms and phrases in journalistic writing	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
68					60	CO5	Analyse Hindi news articles and do basic translations	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
69	SEM V	050422510 - PP	T5157	Television News Production	60	CO1	Understand the television news production process	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
69					60	CO2	Understand operations and functions of TV news desk	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
69					60	CO3	Write scripts for television news	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
69					60	CO4	Applying module learnings to produce TV news bulletins	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
69					60	CO5	Following ethics and network policies in TV news production	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
70	SEM V	050422511 - PP	T5124	Fundamentals of Development Communication	60	CO1	Follow and discuss media industry developments through reading and self-study	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H

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70					60	CO2	Review and critically analyse media content relevant to specialisation	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
70					60	CO3	Analyse case studies related to various media practices	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
70					60	CO4	Apply course learning to complete projects in areas of specialisation	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
70					60	CO5	Identify MDGs and SDGs and discuss their role in boosting holistic inclusive development	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
71	SEM V	050422512 - PP	T5158	Media Content Review V (Jr)	60	CO1	Follow and discuss media industry developments through reading and self-study	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
71					60	CO2	Review and critically analyse media content relevant to specialisation	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
71					60	CO3	Analyse case studies related to various media practices	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
71					60	CO4	Apply course learning to complete projects in areas of specialisation	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
72	SEM V	050422513 - PP	T5140	Introduction to Advertising Filmmaking	60	CO1	Understand and analyse AV ad and promo structures	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L
72					60	CO2	Apply storytelling techniques to 30-second format	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
72					60	CO3	Understand the process of ad film production	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
72					60	CO4	Write briefs, treatment and make pitches	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
72					60	CO5	Create an ad film as part of project	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
73	SEM V	050422513 - PP	T5140	Introduction to Advertising Filmmaking	60	CO1	Understand and analyse AV ad and promo structures	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L
73					60	CO2	Apply storytelling techniques to 30-second format	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M

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73					60	CO3	Understand the process of ad film production	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
73					60	CO4	Write briefs, treatment and make pitches	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
73					60	CO5	Create an ad film as part of project	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
74	SEM V	050422514 - PP	T5172	Introduction to Storytelling	60	CO1	Understand the social impact and value of storytelling;	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
74					60	CO2	Understand the process of transforming a story into screenplay	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L
74					60	CO3	Follow the three-act structure in storytelling, flesh out characters	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
74					60	CO4	Analyse and write dialogues	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
74					60	CO5	Write a story or screenplay as part of project	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
75	SEM V	050422515 - PP	T5180	Introduction to Scenic Design	60	CO1	Understand and evaluate art from a historical perspective	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
75					60	CO2	Identify visual components and apply principles of composition and aesthetics	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
75					60	CO3	Outline digital tools for image processing and graphics	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
75					60	CO4	Understand and analyse basic principles of art direction and visual design for films	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
75					60	CO5	Understand the role and skills required of the art director in the visual medium	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
76	SEM V	050422516 - PP	T5181	Introduction to Production Management	60	CO1	Outline the various processes, functions and people involved in the production of a film	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L

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76					60	CO2	Carry out script breakdowns using the eights method and create callsheets	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
76					60	CO3	Understand and apply scheduling and budgeting techniques	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
76					60	CO4	Understand regulations, legislations, rights and ethical practices in film production	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
76					60	CO5	Apply learnings for practical projects	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
77	SEM V	050422517 - PP	T6180	History of World Cinema	60	CO1	Outline the various processes, functions and people involved in the production of a film	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
77					60	CO2	Carry out script breakdowns using the eights method and create callsheets	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
77					60	CO3	Understand and apply scheduling and budgeting techniques	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
77					60	CO4	Understand regulations, legislations, rights and ethical practices in film production	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
77					60	CO5	Apply learnings for practical projects	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
78	SEM V	050422518 - PP	T6181	Understanding Cinema	60	CO1	Define fundamental trends of film aesthetic through a survey of History of Cinema	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
78					60	CO2	Classify cinemas according to genres and explain their inner workings and politics	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
78					60	CO3	Apply theories to analyze films at an intertextual level	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
78					60	CO4	Distinguish between various National Cinemas and appraise their vitality	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
78					60	CO5	Develop appreciation for individual film auteurs	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M

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79	SEM V	050422519 - PP	T5505	Introduction to Animation	60	CO1	Trace the history and evolution of animation	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
79					60	CO2	Discuss storytelling through animation and produce animation in 2D, taking reference from feature and short animation films	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
79					60	CO3	Demonstrate knowledge of PreProduction Process and Character Designing.	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
79					60	CO4	Demonstrate the use of Adobe Flash application for animation	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
79					60	CO5	Apply learnings from the module to produce a short film in group or individual assignments	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
80	SEM V	050422520 - PP	T5182	Media Content Review V (AV)	60	CO1	Follow and discuss media industry developments through reading and self-study	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
80					60	CO2	Review and critically analyse media content relevant to specialisation	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
80					60	CO3	Analyse case studies related to various media practices	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
80					60	CO4	Apply course learning to complete projects in areas of specialisation	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
81	SEM V	050422521 - PP	T2571	Business Policy and Corporate Strategy	60	CO1	Explore Indian Corporate Sector and nature of businesses	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
81					60	CO2	Explain basic corporate theories and corporate governance mechanisms	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
81					60	CO3	Understand the concepts of Core Competence, Diversification and role of Professional Managers	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M

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81					60	CO4	Analyse Corporate Policies and Strategies adopted by Indian Companies	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
81					60	CO5	Understand and explain Services Sector and General Management Challenges	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
82	SEM V	050422522 - PP	T2585	Organizational Behaviour	60	CO1	Help students understand how behaviour affects the organisational performance and effectiveness	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
82					60	CO2	Students will understand to identify factors affecting individual behaviour at work place	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
82					60	CO3	Students will be able to understand the importance of team dynamics in organisations and appreciate the differences in organisational cultural values	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
82					60	CO4	Students will be able to distinguish between the characteristics of managers and leaders and apply the knowledge of individual differences at workplace.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
82					60	CO5	Students will apply learnings to classroom projects	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
83	SEM V	050422523 - PP	T2522	Elementary Marketing Research	60	CO1	Understand the need for marketing research	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
83					60	CO2	Outline the marketing research process	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
83					60	CO3	Create Qualitative and Quantitative research designs and alternatives	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
83					60	CO4	Outline data collection, analysis, summary and report	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M

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83					60	CO5	Apply learnings for research-based project	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
84	SEM V	050422524 - PP	T5411	Visual Identity Design	60	CO1	Identify visual identity elements and their applications in various areas	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
84					60	CO2	Conduct research to identify design problems and opportunities	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
84					60	CO3	Develop concepts and designs	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
84					60	CO4	Apply identity elements and complete projects	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
84					60	CO5	Document the design process and present to clients	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L
85	SEM V	050422525 - PP	T2140	Elementary Rural Marketing	60	CO1	Understand the unique profile and communication requirements for Indias largest market	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H
85					60	CO2	Evaluate the rural business model	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L
85					60	CO3	Profile rural consumers	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
85					60	CO4	Analyse cases in rural marketing	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
85					60	CO5	Observe rural marketing through field trips	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
86	SEM V	050422526 - PP	T5137	Fundamentals of Integrated Marketing Communication	60	CO1	Explain the relevance, concepts, process and case practices used in Integrated Marketing Communications (IMC)	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
86					60	CO2	Explain the IMC communication process and study the various conventional and unconventional tools	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
86					60	CO3	Explain the correlation and synergy between IMC, marketing & branding and how it relates to an advertising agency	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M

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86					60	CO4	Critically assess marketing communications campaigns and marketing goals	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
86					60	CO5	Discuss legal and ethical issues in IMC	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
87	SEM V	050422527 - PP	T2513	Fundamentals of Social Media Communication	60	CO1	Examine social networks, social media platforms and online advertising as marketing communication tools	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
87					60	CO2	Explore opportunities for marketing, consulting and brand management both on the buyer and seller side of social media	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
87					60	CO3	Analyse how marketing has changed due to the rise of social media	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
87					60	CO4	Apply learnings to develop marketing strategies for social media and consumer-to-consumer social interactions	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L
87					60	CO5	Explore social media marketing for entrepreneurship	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
88	SEM V	050422528 - PP	T3254	Design Tools - IV	60	CO1	Create design layouts using Illustrator application	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M
88					60	CO2	Create basic logos	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
88					60	CO3	Create product designs	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
88					60	CO4	Demonstrate use of text in Illustrator	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
88					60	CO5	Apply learnings from the module to complete a project on Illustrator	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
89	SEM V	050422529 - PP	T5141	Media Content Review V (AD)	60	CO1	Follow and discuss media industry developments through reading and self-study	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H

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89					60	CO2	Review and critically analyse media content relevant to specialisation	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
89					60	CO3	Analyse case studies related to various media practices	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
89					60	CO4	Apply course learning to complete projects in areas of specialisation	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
90	SEM V	050422530 - PP	T5133	Introduction to Corporate Communication Practices	60	CO1	Outline the essential theoretical framework of Corporate Communication	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
90					60	CO2	Discuss roles and skills required of a Corporate Communication Practitioner	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
90					60	CO3	Identify and explain various stakeholders, and the tools used in Corporate Communications	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
90					60	CO4	Generate ideas for effective media relations, image/identity reputation, crisis management, etc.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
90					60	CO5	Develop a constructive communication program for a given scenario related to corporate communications	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
91	SEM V	050422531 - PP	T5132	Media Content Review V (PR)	60	CO1	Follow and discuss media industry developments through reading and self-study	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
91					60	CO2	Review and critically analyse media content relevant to specialisation	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
91					60	CO3	Analyse case studies related to various media practices	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
91					60	CO4	Apply course learning to complete projects in areas of specialisation	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H

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92	SEM V	050422601 - PP	T5701	Dissertation	60	CO1	Analyse media practice and studies, explore problems and identify a suitable area for research	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	
92					60	CO2	Read research papers and conduct literature review	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	
92					60	CO3	Conduct qualitative or quantitative research using to relevant methodologies	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	
92					60	CO4	Write an academic dissertation in an area of media studies under faculty guidance	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	
92					60	CO5	Give verbal defence of research thesis in viva voce	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	
93	SEM VI	050422602 - PP	T5803	Project V	60	CO1	Source and execute field projects or academic research projects under faculty guidance	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
93					60	CO2	Apply course learnings for completion of projects	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
93					60	CO3	Acquire new knowledge and industry-relevant skills	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
93					60	CO4	Self-evaluate learnings and write reports	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
94	SEM VI	050422603 - PP	T5186	Introduction to TV Channel Management & Programming	60	CO1	Understand how a concept turns into a TV show	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	
94					60	CO2	Understand the role of a Broadcaster (internal and external collaborations) and working with a Production House	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	
94					60	CO3	Understand placement & marketing of the show keeping channel strategy in mind	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	
94					60	CO4	Read and Evaluate Data/Ratings	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	
94					60	CO5	Analyse changes In TV Industry as an impact of new platforms	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	

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95	SEM VI	050422604 - PP	T5006	Evolving Media Technologies	60	CO1	Understand the concept of sound, and the evolution of technologies that have enabled its recording, reproduction and transmission	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M
95					60	CO2	Explore sound technologies, recording devices and microphones, and understand their uses in radio and television	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
95					60	CO3	Explain basic technologies behind radio and television broadcasting	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
95					60	CO4	Explain principles behind the design of radio and television studios; and technology deployment in radio and television programming	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
95					60	CO5	Learn about media and communication technologies in the information age; and explore future applications of emerging technologies like AR, VR, AI and IoT	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
96	SEM VI	050422605 - PP	T1299	Comparative Constitution	60	CO1	Explore the theoretical and ideological foundations of democratic systems and constitutional practices	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
96					60	CO2	Compare and contrast constitutions in various parts of the world	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
96					60	CO3	Examine and argue about the merits of constitutional practices	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M
96					60	CO4	Research and analyse policies and policy making practices	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
96					60	CO5	Discuss the socio-legal impact of systems and practices	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H

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97	SEM VI	050422606 - PP	T5186	Contemporary India and the World	60	CO1	Examine the emergence of India as nation-state in the family of modern nation-states	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H
97					60	CO2	Trace the evolution of Indian democracy	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H
97					60	CO3	Analyse the interplay of politics and economics in India	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
97					60	CO4	Compare and contrast Indian democracy with western democracies and assess limitations and challenges	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H
97					60	CO5	Explain and analyse post-Independence transformations	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
98	SEM VI	050422607 - PP	T6362	Speech and Communication	60	CO1	Communicate effectively in professional settings	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
98					60	CO2	Write in formal style suited for business managers	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
98					60	CO3	Speak confidently and authoritatively in public	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
98					60	CO4	Write essays and well-researched and well-argued articles	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
98					60	CO5	Take part actively in discussions and debates	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
99	SEM VI	050422608 - PP	T5159	International Communication and Global Media Systems	60	CO1	Identify and examine different kinds of press in the world, in particular reference to the third world	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
99					60	CO2	Identify new technologies that help to communicate messages	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
99					60	CO3	Analyse global communication in the context of the War on Terror	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M

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99					60	CO4	Outline the working of world bodies like the UN and the World Bank, and their relation to communication	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
99					60	CO5	Critically analyse democratic systems in the third world and communication contexts	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
100	SEM VI	050422609 - PP	T5160	Media Laws and Ethics	60	CO1	Trace the evolution of laws related to media practices internationally as well as in India	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
100					60	CO2	Explain the constitutional provisions as well as restrictions applicable to journalists and media professionals	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
100					60	CO3	Compare and contrast laws and principles related to freedom of speech and expression in Indian jurisprudence and internationally	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
100					60	CO4	Discuss ethics of representation and reporting in the media	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
100					60	CO5	Discuss and analyse case studies and landmark judgements in media-related cases	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
101	SEM VI	050422610 - PP	T5161	Trends in News Agency and Magazine Reporting	60	CO1	Trace the evolution and functioning of news agencies around the world	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
101					60	CO2	Outline principles of news agency reporting and compare and contrast with other forms of news media	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
101					60	CO3	Differentiate between news and magazine reporting	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
101					60	CO4	Discuss trends in the magazine industry, digital formats and platforms for magazine writing	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M

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101					60	CO5	Apply classroom learning on magazine writing to produce articles	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
102	SEM VI	050422611 - PP	T5165	Development and Civic Journalism	60	CO1	Distinguish development journalism from mainstream journalism	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
102					60	CO2	Assess development journalism practice in India and its limitations and challenges	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
102					60	CO3	Identify and analyse examples of civic journalism in media	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
102					60	CO4	Understand and apply various tools and methods for practice of civic journalism	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
102					60	CO5	Critically analyse the scope for civic journalism in the digital era	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
103	SEM VI	050422612 - PP	T5162	News Room Production	60	CO1	Identify and apply processes and tools in newsroom production	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M
103					60	CO2	Source news stories for television media	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
103					60	CO3	Write scripts, shoot and edit news reports	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
103					60	CO4	Present news reports on camera and anchor news programme	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
103					60	CO5	Produce a news programme as part of project	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
104	SEM VI	050422613 - PP	T5154	Fundamentals of Business Journalism	60	CO1	Distinguish business journalism from other kinds of news reporting	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
104					60	CO2	Outline the working and organisation of various business media	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
104					60	CO3	Analyse business jargon and constructs	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M

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104					60	CO4	Examine stock market functions and interpret business reports and balance sheets	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
104					60	CO5	Apply learnings from the module to write business news report	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
105	SEM VI	050422614 - PP	T5094	Media Content Review VI (JR)	60	CO1	Follow and discuss media industry developments through reading and self-study	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
105					60	CO2	Review and critically analyse media content relevant to specialisation	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
105					60	CO3	Analyse case studies related to various media practices	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
105					60	CO4	Apply course learning to complete projects in areas of specialisation	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
106	SEM VI	050422615 - PP	T5506	Fundamentals of Animation	60	CO1	Learn and apply the principles of animation	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
106					60	CO2	Follow and use Principles of Design in projects	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
106					60	CO3	Learn human anatomy and figure drawings for perfecting their animation	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
106					60	CO4	Use Flash for animation	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M
106					60	CO5	Produce a short film in group assignments	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
107	SEM VI	050422616 - PP	T5175	Fundamentals of Scripting	60	CO1	Understand the three-act structure of storytelling and apply it for analysis	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M
107					60	CO2	Understand the Heros Journey concept of storytelling in films	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M
107					60	CO3	Write script and dialogues for film	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
107					60	CO4	Analyse different forms of screenplays and write treatment	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
107					60	CO5	Pitch a screenplay	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H

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108	SEM VI	050422617 - PP	T5176	Introduction to Direction	60	CO1	Understand the skills required to explain the basic principles of film direction	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
108					60	CO2	Explain pre-production processes and apply their learnings in projects	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
108					60	CO3	Explain and analyse a directors vision for shoots and apply learnings for projects	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
108					60	CO4	Explain post-production processes and apply their learnings for projects	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
108					60	CO5	Examine and analyse marketing strategies used for film promotion	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
109	SEM VI	050422618 - PP	T5185	Fundamentals of Scenic Design	60	CO1	Trace the history of Indian art through ages	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
109					60	CO2	Examine evolution of art post-Independence, particularly in audio-visual medium	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
109					60	CO3	Understand different types of set design in films	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M
109					60	CO4	Do cost accounting and budgeting for sets	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
109					60	CO5	Draw floor plans for set design	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
110	SEM VI	050422619 - PP	T5183	Graduate Film	60	CO1	Write script, story and treatment for a short film project in teams	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
110					60	CO2	Carry out pre-production processes	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
110					60	CO3	Organise and complete shoots	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
110					60	CO4	Complete post-production processes	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
110					60	CO5	Create publicity and promotional materials for the film	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H

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111	SEM VI	050422620 - PP	T6183	History of Indian Cinema	60	CO1	Outline the historical contexts in which cinema as a modern medium arrived in India	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
111					60	CO2	Identify some of the early 20th Century practitioners of cinema in India, and their unique approaches	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
111					60	CO3	Analyze some of the defining features of Indian cinema and compare them with aesthetic forms in the West	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L
111					60	CO4	Appreciate the works of important filmmakers from various Indian film industries	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
111					60	CO5	Identify the trends and practices in global Indian cinema	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
112	SEM VI	050422621 - PP	T6182	Appreciating Cinema	60	CO1	Understand and discuss the evolution of auteur, genre, or star	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
112					60	CO2	Contextualize auteurs, genres, stars vis-à-vis nations, gender, political economy and other concepts	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
112					60	CO3	Explore how cinema exists as a document of nationality, culture, and history	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
112					60	CO4	Plan and write/shoot film appreciation essays on auteurs, genres, stars.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
113	SEM VI	050422622 - PP	T5630	Film Marketing and Distribution Models	60	CO1	Understand the changing dynamics of the global film market	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
113					60	CO2	Understand the key revenue and financial drivers of the movie and television businesses	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
113					60	CO3	Examine the relationship between audiences and movies/television	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M

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113					60	CO4	Expand knowledge of film/television marketing	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
113					60	CO5	Expand knowledge of film/television distribution	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
114	SEM VI	050422623 - PP	T2148	Media Content Review VI (AV)	60	CO1	Follow and discuss media industry developments through reading and self-study	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
114					60	CO2	Review and critically analyse media content relevant to specialisation	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
114					60	CO3	Analyse case studies related to various media practices	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
114					60	CO4	Apply course learning to complete projects in areas of specialisation	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
115	SEM VI	050422624 - PP	T3255	Global Environmental Challenges	60	CO1	Explain and analyze global environmental issues	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
115					60	CO2	Examine the impact of the environment on society	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
115					60	CO3	Outline policy, regulations, actions and violations related to environmental issues globally	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
115					60	CO4	Analyse the role of media in tackling global challenges	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
115					60	CO5	Propose creative solutions to combat environmental issues	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
116	SEM VI	050422625 - PP	T5187	Marketing Strategy	60	CO1	Understand the concept of strategy and the relation of Business Strategy/Corporate strategy with marketing strategy	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
116					60	CO2	Examine the competitive marketing environment and its implications on strategy	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M

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116					60	CO3	Apply learning to develop an appropriate marketing strategy for a given scenario	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
116					60	CO4	Develop awareness and understanding of latest marketing tools and practices to become industry-ready marketing professional	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
116					60	CO5	Analyse examples and case studies of why corporates failed or succeeded in their strategies	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
117	SEM VI	050422626 - PP	T5394	Packaging Design and Printing Technology	60	CO1	Examine modern printing technologies and their applications	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
117					60	CO2	Understand and apply the principles of design and design thinking in packaging	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M
117					60	CO3	Create 2D and 3D packaging shapes	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H
117					60	CO4	Use design applications to create packaging designs	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H
117					60	CO5	Analyse and evaluate packaging for utility, design and promotion	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
118	SEM VI	050422627 - PP	T5144	Introduction to Advertising Strategy	60	CO1	Outline the need for account planning and the function of an account planner	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
118					60	CO2	Understand and apply strategic planning in developing an advertising campaign	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
118					60	CO3	Link advertising strategy with brand building and marketing planning	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
118					60	CO4	Applying consumer research for insights and develop creative briefs	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
118					60	CO5	Create an integrated advertising campaign in print and AV for a product or service	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H

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119	SEM VI	050422628 - PP	T2496	Corporate Governance and Ethics	60	CO1	Understand and critically discuss key concepts in the area of corporate governance and corporate social responsibility	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M
119					60	CO2	Recognize the different stages of industry evolution and recommend governance strategies appropriate to each functions/stage	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H
119					60	CO3	Demonstrate the ability to think critically in relation to a particular problem, situation or strategic decision through real-world scenarios	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
119					60	CO4	Engage in key debates that shape field of corporate governance & ethics	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
119					60	CO5	Apply the key concepts in problem solving in the field of corporate governance	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
120	SEM VI	050422629 - PP	T2510	Management Accounting	60	CO1	Understand and define the basic concepts of cost accounting	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
120					60	CO2	Apply the concepts in managerial decision making	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
120					60	CO3	Analyse financial statements	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
120					60	CO4	Understand and apply principles of budgeting and budget control systems	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
120					60	CO5	Examine financial systems in India	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
121	SEM VI	050422630 - PP	T2121	Customer Relationship Management	60	CO1	Understand and define basic concepts of CRM and examine how it operates in a dynamic environment	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L
121					60	CO2	Analyse an existing market situation and prepare SWOTs for building new and innovative positioning strategies	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M

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121					60	CO3	Understand CRM strategies and prepare a CRM plan for a Product/Service	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
121					60	CO4	Prepare a loyalty plan	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
121					60	CO5	Understand technical aspects of CRM Systems and Implementation	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
122	SEM VI	050422631 - PP	T2462	Basics of Retail Marketing	60	CO1	Explain retail management concepts, types and location of retailing	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M
122					60	CO2	Outline strategies for retail management	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M
122					60	CO3	Understand and apply basics of merchandise management	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
122					60	CO4	Examine pricing policies and communication mix used by retailers	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
122					60	CO5	Apply learnings from the module to evaluate retail management at local stores	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
123	SEM VI	050422632 - PP	T3255	Introduction to Web Design	60	CO1	Work with basic tools for web design	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
123					60	CO2	Analyse creative and innovative web designs	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
123					60	CO3	Understand and apply principles of good design	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
123					60	CO4	Apply module learnings to create a website	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
124	SEM VI	050422633 - PP	T5142	Introduction to Campaign Planning and Production	60	CO1	Understand the need for planning in PR and advertising	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
124					60	CO2	Outline the processes in campaign planning	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
124					60	CO3	Understand and apply tools for research, creatives, production and evaluation in campaign planning	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
124					60	CO4	Evaluate media platforms for campaign implementation	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L
124					60	CO5	Devise a campaign based on module learnings	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
125	SEM VI	050422634 - PP	T5143	Media Content Review VI (AD)	60	CO1	Follow and discuss media industry developments through reading and self-study	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
125					60	CO2	Review and critically analyse media content relevant to specialization	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
125					60	CO3	Analyse case studies related to various media practices	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
125					60	CO4	Apply course learning to complete projects in areas of specialization	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
126	SEM VI	050422635 - PP	T5134	Media Content Review VI (PR)	60	CO1	Follow and discuss media industry developments through reading and self-study	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
126					60	CO2	Review and critically analyse media content relevant to specialization	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
126					60	CO3	Analyse case studies related to various media practices	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
126					60	CO4	Apply course learning to complete projects in areas of specialization	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO1	Demonstrate professionalism, self-awareness, leadership and effective communication skill
2	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO2	Possess the skills required to integrate concepts from various disciplines to identify and develop communication strategy.
3	GA2	Global citizenship: ethical, social and professional understanding	PO3	Demonstrate the competence to understand, manage and communicate global aspects and how it impacts the business
4	GA2	Global citizenship: ethical, social and professional understanding	PO4	Understand and resolve the ethical issues and dilemmas faced in business.
5	GA2	Global citizenship: ethical, social and professional understanding	PO5	Imparts values and learning that enables the graduates to evolve as global citizens and receptive individuals.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
1	SEM I	050143101 - PP	T2217	Business Statistics	60	CO1	Students should be able to understand the basic statistical concepts and methods used in business.	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
1					60	CO2	Students should be able to gain an understanding on thinking about the data.	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L
1					60	CO3	Students should be able to apply the concepts in business situations	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L
1					60	CO4	Students should be able to explain how the data is used to communicate statistical analysis logically and persuasively in speaking and writing.	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
1					60	CO5	Student should be able to interpret statistical results as a basis of decision making	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
2	SEM I	050143102 - PP	T2116	Marketing Management	60	CO1	Infer core concepts of Marketing and Outline the role of Marketing in present business scenario	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L
2					60	CO2	Identify customer values and motives of buying products and services	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L
2					60	CO3	Interpret the importance of Segmentation, Targeting and Positioning in Marketing and Utilize the concept in Product Management	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
2					60	CO4	Explain the role of Integrated Marketing Communication in creating differentiated products and brand for competitive selling	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
2					60	CO5	Outline the role of Channels in Marketing and its relation to sales function	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
2					60	CO6	Contest Organizational buying behavior to Individual buying	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
3	SEM I	050143103 - PP	T2279	Organizational Behaviour	60	CO1	The student should be able to demonstrate understanding of the nature of Organisational Behavior by classifying and comparing the eras of evolution of OB	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
3					60	CO2	The student should be able to explain the concepts of globalization, diversity and ethics in organisations and utilize the same in understanding practical situations in organisations	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
3					60	CO3	Students should be able to relate their understanding of personality, perception and attitude from personal experiences and translate these into understanding of the concepts by being able to summarize them	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
3					60	CO4	Students should be able to demonstrate understanding of motivation, stress and conflicts in organisations along with dynamics of power, politics, groups and teams	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
3					60	CO5	Students should be able to demonstrate understanding of leadership theories that address behavioral issues in organisations	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
4	SEM I	050143104 - PP	T5545	Communication Theories and Culture	60	CO1	To read and analyze media constructions and theories in their ideological context.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
4					60	CO2	To critically evaluate media representations of gender, class, caste, sexuality, religion.	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M
4					60	CO3	To be able to theoretically reflect on media constructions, representations and spectacles in the performative spaces of popular culture	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
4					60	CO4	The students should be able to critically analyze situations and fit the most appropriate theory	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
4					60	CO5	The students should be able to critically analyze situations and fit the most appropriate theory	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
5	SEM I	050143105 - PP	T5067	Management Perspective in Media and Communication Businesses	60	CO1	To gain a broader understanding of the Economy, concept of business and Business Objectives	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L
5					60	CO2	be able to define Business Organisation and list the types of Organisation structures	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
5					60	CO3	be able to understand concept of Business Model and its importance	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
5					60	CO4	To be able to define various business operations and outline Media and Communication Business	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
5					60	CO5	To be able to define various business operations and outline Media and Communication Business	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

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6	SEM I	050143106 - PP	T4005	Media and Communication Industry Overview	60	CO1	Students should be able to relate with and summarize the global media industry evolution through technological development and changes in the global political and economic scenario	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
6					60	CO2	Students should be able to extend their knowledge of global media evolution to the current perspectives on Indian Media & Communication Industry and relate it to the growing Indian Market against the global backdrop	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
6					60	CO3	Students understand and appreciate development of traditional mass media in India during the post-independence years, and compare and contrast the emergence of new media due to rapid changes after LPG (Liberalization, Privatization, and Globalization)	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M
6					60	CO4	Students are able to categorize the various agencies engaged in the media and entertainment sector on the basis of their structures, functions and roles	-	Strong-H	Moderate-M	Moderate-M	Moderate-M
6					60	CO5	Students create the linkages between mass communication, marketing and media and translate it to a foundation for their future career in communication management.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
7	SEM I	050143107 - PP	T5622	Integrated Marketing Communication Planning	60	CO1	Student should be able to demonstrate the application and importance of IMC Planning	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
7					60	CO2	Student should be able to distinguish between the various tools of IMC	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
7					60	CO3	Student should be able to examine the process of planning marcom	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
7					60	CO4	Student should be able to utilize and apply the knowledge of media planning	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
7					60	CO5	Student should be able to critically assess and analyze the existing case studies of IMC planning	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
8	SEM I	050143108 - PP	T2239	Business Communication	60	CO1	Students should be able to understand the purpose and appreciate the sensibilities and stylistic requirements of frequently used oral and written modes of business and managerial communication.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
8					60	CO2	Students should be able to apply different strategies, techniques and methods to overcome general communication barriers in a professional context.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
8					60	CO3	Students should be able to strategize, plan and craft persuasive communication messages appropriate to the business context and managerial audience.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M

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9	SEM I	050143109 - PP	T2225	Research Methodology	60	CO1	The students should be able to demonstrate understanding of the nature of research its significance the process of research and also be able to apply the understanding of theory and literature review to various practice situations.	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
9					60	CO2	The students should be able to identify and differentiate between various research designs the process thereof and be able to demonstrate application of concepts measurement tools and sampling.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
9					60	CO3	The students should be able to demonstrate the process of data collection in research and apply the same in collection of real time data.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
9					60	CO4	The student should be able to demonstrate understanding of practical preparation of research report	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
9					60	CO5	The student should be able to have an understanding of the ethical issues involved in research and apply the same in his real life research endeavours	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
10	SEM I	050143110 - PP	T6075	Managerial Economics	60	CO1	The student should be aware of the fundamental micro and macro situation of Indian economy and business	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
10					60	CO2	The student should be able to learn the application of the economic factors in their field of working especially marketing, advertising and PR in which economics and economic conditions have a big role to play for strategy making and success at the marketplace.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
10					60	CO3	The students should understand how economics has the potential to affect their personal lives especially personal finances	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
10					60	CO4	To help students understand economics and empower them to be able to explain it in simple easy to understand terms to others	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
11	SEM I	050143111 - PP	T5801	Project - I	60	CO1	To orient and acclimatize the students towards the media and communications field.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
11					60	CO2	To develop their understanding of the fundamental knowledge and skills required to start working in the fields of communication management.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
12	SEM I	050143112 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
12					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
12					60	CO3	To train students to perform First aid and CPR in an emergency.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
13	SEM II	050143201 - PP	T2119	Consumer Behaviour and Insights	60	CO1	Understand the rationale for studying consumer behaviour	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M

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13					60	CO2	Infer the dynamics of human behaviour and the basic factors that influence the consumers purchase decision process	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
13					60	CO3	Understand the factors of Personality, Motivation, Learning, Perceptions and Attitude	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
13					60	CO4	Demonstrate how knowledge of consumer behaviour can be applied to creating of effective marketing strategies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
14	SEM II	050143202 - PP	T2742	Digital Marketing	60	CO1	Students should understand Digital Marketing. its role in Marketing Strategy, get an overview of the Digital Landscape within the rapidly changing market or media dynamics	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
14					60	CO2	Facilitate exposure to the entire spectrum of digital marketing - display advertising, search engine marketing, social media marketing, mobile marketing and content marketing	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
14					60	CO3	Students should be able to evaluate options, analyze and recommend a digital strategy	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15	SEM II	050143203 - PP	T5957	Strategic Brand Management	60	CO1	The student should be able to emphasize the role of brands, the concept of brand equity and the advantages of creating strong brands	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M
15					60	CO2	The student should be able to understand concept of Brand Equity and introduce different approaches to measuring brand equity	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15					60	CO3	The student should be able to understand strategic aspects of Brand Positioning and creating Brand Image	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15					60	CO4	The student should be able to understand finer aspects of Brand Architecture	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15					60	CO5	The student should be able to explore Digital branding and Global Brand equity Management	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L
16	SEM II	050143204 - PP	T2777	Management Accounting	60	CO1	To be able to understand the basics of Business Finance and Accounting mechanics	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L
16					60	CO2	To be able to understand various financial statements and common size statements	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
16					60	CO3	To be able to prepare an operational budget and understand cost sheet	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
16					60	CO4	To be able to understand the corporate financial strategy and business analysis	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
16					60	CO5	To be able to explore various business models in the Media industry and sensitized towards business risk from a managerial perspective	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
17	SEM II	050143205 - PP	T5076	Introduction to Syndicated Database and Analysis with Workshop	60	CO1	The students should be able to understand why we need to measure media consumptions	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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17					60	CO2	The students should be able to analyze media research data to extract useful insights	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
17					60	CO3	The students are able to apply the various databases and syndicated research available decision making process	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
18	SEM II	050143206 - PP	T2133	Sales Management	60	CO1	Students should be able to evaluate options, analyze and recommend a digital strategy	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
18					60	CO2	To understand Personal selling process and different theories of Selling	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M
18					60	CO3	To understand various facets of managing Sales Team like Sales Organisation, Sales Training & recruitment, Motivation and appraisal	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
18					60	CO4	To understand the intricacies of achieving Sales targets and contributing to the top line through Sales Forecasting, Sales Budgeting, Sales Promotion, management of Sales Territory and Sales Quota.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
18					60	CO5	To get sensitized towards various ethical issues in sales management and get acquainted with Sales Information System	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
19	SEM II	050143207 - PP	T5956	Content Marketing	60	CO1	To equip students with basic understanding of content marketing.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
19					60	CO2	To learn about using content marketing as a tool for communication.	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
19					60	CO3	To develop basic skills in developing content strategy and content creation.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
19					60	CO4	To get an insight into content creation across different media	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
20	SEM II	050143208 - PP	T5801	Social Responsibility Project	60	CO1	The student should be instilled with a sense of social responsibility among students.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M
20					60	CO2	Students should be sensitized to issues of disparity and marginalization.	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
20					60	CO3	Students should be able to get a sense of community orientation.	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L
20					60	CO4	The student should be able to apply their course learning in a social work context.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
21	SEM II	050143209 - PP	T5094	Account Planning Models and Practices	60	CO1	Understanding the Role of Account Planning in Brand Building & Communication Development	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
21					60	CO2	Gaining an overview of the Account Planning Cycle followed in the course of Developing Brand Strategy & Advertising Campaign	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
21					60	CO3	Exposure & Basic Understanding of the Planning Tools & Models used by different Communication Agencies	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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22	SEM II	050143210 - PP	T5610	Advertising Management	60	CO1	To help students appreciate the role of advertising within the marketing program and the communication mix	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
22					60	CO2	To introduce the students to the principles and techniques of developing an advertising campaign	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
22					60	CO3	acquaint students with creative messaging and media strategies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
22					60	CO4	To facilitate understanding of the advertising industry and the working of advertising agencies	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
22					60	CO5	To provide the road map in developing an advertising plan	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
23	SEM II	050143211 - PP	T5948	Data Visualization	60	CO1	To learn data formatting and analysis for data graphics: Use visual data exploration methods that aid in data understanding. Learn techniques for data preparation including data formatting and cleaning. Identify the target audience and the line of inquiry.	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L
23					60	CO2	To learn creation of data graphics: Identify appropriate data visualization techniques given particular requirements imposed by the data together with the driving questions. Build data graphics with the appropriate data visualization and analytics software for the task at hand.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
23					60	CO3	To learn refinement of data graphics: Refine the data graphics to improve readability, clarity, and accessibility of the data insights. Highlight and annotate to aid in the interpretation of the data.	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M
23					60	CO4	To create presentation with data graphics: Tell stories with data graphics that will resonate with the audience. Visually communicate the key takeaways.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
23					60	CO5	To review data visualization case studies and examples: See how data graphics are used in practice through case studies showcasing a unique approach to using data graphics in different settings.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
23					60	CO6	To demonstrate how to make sense of data, present clear evidence of findings, and tell engaging stories through data graphics.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
24	SEM II	050143212 - PP	T5516	Consumer, Brand and Media Insights	60	CO1	Understand the rationale for studying consumer behavior	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
24					60	CO2	Infer the dynamics of human behavior and the basic factors that influence the consumers purchase decision process	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
24					60	CO3	Understand the factors of Personality, Motivation, Learning, Perceptions, and Attitude	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
24					60	CO4	Demonstrate how knowledge of consumer behavior can be applied for creating effective marketing strategies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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25	SEM II	050143213 - PP	T5003	Strategic Media Planning	60	CO1	The students should be able to understand the concepts, terminology, mathematical calculations and stages of media planning process	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
25					60	CO2	The students should be able to create a strategic media plan for a brand - along with all the plan components	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
25					60	CO3	The students are able to apply the various databases and syndicated research available to the process of media planning	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
25					60	CO4	Students have a basic understanding of digital media planning	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
25					60	CO5	The students should be able to understand Media Buying, Monitoring and Evaluations	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
26	SEM II	050143214 - PP	T5621	Specialized Media Research	60	CO1	Students learn about the application of research methodologies and theories of audience research and understand how inherent issues in audience measurement are addressed in practice	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
26					60	CO2	Students learn to make use of their knowledge of statistics and market research in the construct of internet audience research using online quantitative and qualitative research techniques	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
26					60	CO3	Students adapt knowledge about media planning models, compare different approaches to optimization of effective reach and frequency and perceive the link between media research & media planning	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
26					60	CO4	Students are given an overview of how media agencies translate various research tools and techniques as cutting edge in the market place	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
26					60	CO5	Students are apprised of industry perspectives of research on different media and media research done by MR agencies	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
27	SEM II	050143215 - PP	T5953	Public Relations and Corporate Communication	60	CO1	The student should be able to demonstrate an understanding of the PR industry	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L
27					60	CO2	The student should be able to explain how PR is an integral tool for any organization	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M
27					60	CO3	The student should be able to elucidate the functions of various PR departments	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
27					60	CO4	The student should be able to critically analyze the role and significance of PR in the context of corporate reputation, Marketing, HR and Finance functions	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
28	SEM II	050143216 - PP	T5949	Writing for Public Relations	60	CO1	Students should be able to understand the significance and functions of writing in the PR profession and industry.	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
28					60	CO2	The student should be able to appreciate the stylistic differences and sensibilities applicable to writing for different media, audiences, and PR situations.	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
28					60	CO3	Students should be able to demonstrate nuances of researching, structuring, and editing public relations materials.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
28					60	CO4	Students should be able to strategize, plan, select, and create appropriate public relations materials based on real-world public relations situations.	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
29	SEM II	050143217 - PP	T5950	Cases in Public Relations Strategy	60	CO1	The student should be able to understand the PR industry and its components	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
29					60	CO2	Students should be able to discuss and interpret a case study in PR industry	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
29					60	CO3	The student should be able to examine various cases in the public relations industry with respect to their classroom learning in introductory subjects of PR	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
29					60	CO4	Students should be able to analyze a PR case study in the context of their learnings	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
30	SEM II	050143218 - PP	T2228	Business Analytics	60	CO1	The students should be taught to critically evaluate business situations and analyze business data for decision making	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
30					60	CO2	The students should be able to synthesize concepts of data mining and business intelligence.	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L
30					60	CO3	Students should be able to communicate ideas on how the data influence the business decisions	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
31	SEM II	050143219 - PP	T5958	Qualitative Research and Analysis	60	CO1	To help students relate with the philosophy of qualitative research.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
31					60	CO2	To help students demonstrate communication management as an interpretive process and emerge as responsible thinkers	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
31					60	CO3	To help students contrast qualitative research approaches with other research approaches.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
31					60	CO4	To help students appraise qualitative research methodology as an embedded function of managerial decision making	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
31					60	CO5	To help students invent research projects using qualitative research framework	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32	SEM III	050143301 - PP	T5087	Service Process Management for Agency Businesses	60	CO1	The students should be able to demonstrate understanding and develop appreciation of the nature of and challenges involved in running and managing Service Businesses in general and Advertising, Public Relation, Research, Analytics and Media management agency operations in particular.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32					60	CO2	The students should be able to identify and differentiate the key concepts, constructs and variables in managing operations, and processes of such agency businesses	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32					60	CO3	The students should be able to obtain the key insights about process and operations management approaches and practices prevalent in services business to agency businesses.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
32					60	CO4	The student should be able to demonstrate an understanding of application of various tools in Services Marketing, Process and Operations Management in identified agency businesses	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
32					60	CO5	The student should be able to apply the constructs learnt in a classroom environment to real world situations in creative businesses	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
32					0	CO6		-	-	-	-	-
33	SEM III	050143302 - PP	TE7467	Digital Communication Solutions	60	CO1	To understand, analyze and interpret Digital mediums and their commercial manifestations	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
33					60	CO2	To analyze and apply digital tools in designing a digital campaign	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
33					60	CO3	To identify and analyze the opportunities web and mobile technologies offer to organisations	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L
33					60	CO4	To apply web and mobile communication in digital communication	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
33					0	CO5		-	-	-	-	-
33					0	CO6		-	-	-	-	-
34	SEM III	050143303 - PP	T2692	Rural Marketing	60	CO1	Students should understand the frameworks of rural marketing and the need to approach it differently as against the urban markets	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
34					60	CO2	Facilitate exposure to the rural consumer and understanding the rural society	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
34					60	CO3	Help students appreciate innovations in the context of managing the rural marketing mix	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
34					0	CO4		-	-	-	-	-
34					0	CO5		-	-	-	-	-
34					0	CO6		-	-	-	-	-
35	SEM III	050143304 - PP	T2141	Sports and Entertainment Marketing	60	CO1	The students are able to appraise the marketing practices and frameworks in the Television business	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
35					60	CO2	The students are able to appraise the marketing practices and frameworks in the Bollywood (films) business	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
35					60	CO3	The students are able to appraise the marketing practices and frameworks in the sports business	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
35					60	CO4	The students are appraised to the current trends in the entertainment business in India	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
35					60	CO5	The students are appraised to the current trends in the sports business in India	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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35					0	CO6		-	-	-	-	-
36	SEM III	050143305 - PP	F0002	Project II	60	CO1	To provide exposure to students to the media industry through on-site/field experience (internships)	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
36					60	CO2	To help students do practical work to build their respective portfolio	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
37	SEM III	050143306 - PP	T2513	e-Retailing	60	CO1	The students should be able to develop operational strategy for resource optimization in Retail Store Operations	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
37					60	CO2	The students should be able to create new approaches based upon emerging and identified market opportunity in e-retailing.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
37					60	CO3	The student should be able to create, develop and create teams within e-retailing businesses to explore business opportunity.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
37					60	CO4	The student should be able to apply the constructs, learnt in a classroom environment to real world situations by developing an e- retailing	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
37					0	CO5		-	-	-	-	-
37					0	CO6		-	-	-	-	-
38	SEM III	050143307 - PP	T5959	Film Making	60	CO1	The student should be able to learn and analyze the basics of camera operation, editing and direction.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
38					60	CO2	The student should be able to design screenplay for an content/brand/Ad film.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
38					60	CO3	The student should be able to learn and apply the art of making short films	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
38					0	CO4		-	-	-	-	-
38					0	CO5		-	-	-	-	-
38					0	CO6		-	-	-	-	-
39	SEM III	050143308 - PP	T5805	Customer Relationship Management	60	CO1	The student should be able to demonstrate the importance of CRM as a Marketing Differentiator	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
39					60	CO2	The student should be able to outline the conceptual foundations and components of CRM	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
39					60	CO3	The student should be able to analyze strategic role of CRM in building brand loyalty in Business to Business Marketing	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
39					60	CO4	The student should be able to evaluate CRM implementation options for an Organization	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
39					0	CO5		-	-	-	-	-
39					0	CO6		-	-	-	-	-

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40	SEM III	050143309 - PP	T5611	Marketing Strategies for Brand Communication	60	CO1	Understand Concept of Strategic planning and Strategic Marketing	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
40					60	CO2	Understand nuances of Strategic Analysis	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
40					60	CO3	Understands how businesses determine their strategic direction and formulate marketing objectives	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
40					60	CO4	Understand strategy formulation framework and aspects of strategy implementation and control	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
40					60	CO5	Formulate marketing strategies	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
40					0	CO6		-	-	-	-	-
41	SEM III	050143310 - PP	T5613	Visual Methodologies	60	CO1	The students should be able to critically analyze the main schools of thought in visual methodologies and semiotics	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
41					60	CO2	The students should be able to apply visual methodologies and related rhetorical principles to practical work.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
41					0	CO3		-	-	-	-	-
41					0	CO4		-	-	-	-	-
41					0	CO5		-	-	-	-	-
41					0	CO6		-	-	-	-	-
42	SEM III	050143311 - PP	T5092	Advanced Quantitative Methods	60	CO1	Students should be able to critically evaluate statistical model and analyse business data for decision making	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
42					60	CO2	Students should be able to synthesize concepts of advance statistical models and methods relevant to business	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
42					0	CO3		-	-	-	-	-
42					0	CO4		-	-	-	-	-
42					0	CO5		-	-	-	-	-
42					0	CO6		-	-	-	-	-
43	SEM III	050143312 - PP	T3363	Specialised Advertising Research	60	CO1	To be able to understand business issues related to developing and evaluating communication, and how these translate to research tasks.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
43					60	CO2	To be able to identify and analyze research approaches, including emerging perspectives for aiding communication development and evaluation	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
43					60	CO3	To be able to interpret consumer research in the context of communication	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
43					0	CO4		-	-	-	-	-
43					0	CO5		-	-	-	-	-

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43					0	CO6		-	-	-	-	-
44	SEM III	050143313 - PP	T5517	Advertising Strategy	60	CO1	The students should be able to define and explain the theories for Advertising strategy	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
44					60	CO2	The students should be able to analyse different strategies in terms of their underlying theories	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
44					60	CO3	The students should be able to evaluate different theories and propose the best fit theory for a strategy	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
44					60	CO4	The students should be able to create advertising strategy based on the theories	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
44					0	CO5		-	-	-	-	-
44					0	CO6		-	-	-	-	-
45	SEM III	050143314 - PP	T3531	Digital Branding	60	CO1	To be able to analyze digital consumers journey, participation and engagement	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
45					60	CO2	To get an in-depth understanding of Content Marketing	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
45					60	CO3	To be able to analyze Owned media for its importance and impact on decision making	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
45					60	CO4	To understand role of Earned Media in Brand Engagement and strategies for shaping Earned Media	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
45					60	CO5	To be able to understand and apply various methods and tools of social media analytics	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
45					0	CO6		-	-	-	-	-
46	SEM III	050143315 - PP	T5097	Communication Design and Innovation Management	60	CO1	The students should be able to understand the origins of Communication Design and the subject of Graphic Design	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
46					60	CO2	The students should be able to appreciate the value of Communication Design in the world and in India	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M
46					60	CO3	The students should be able to practically use or provide direction to Graphic Design in print/tv/film media in Advertising and Marketing Communication	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
46					0	CO4		-	-	-	-	-
46					0	CO5		-	-	-	-	-
46					0	CO6		-	-	-	-	-
47	SEM III	050143316 - PP	T5102	Specialized Media Research	60	CO1	Students learn about application of research methodologies and theories of audience research and understand how inherent issues in audience measurement are addressed in practice	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
47					60	CO2	Students learn to make use of their knowledge of statistics and market research in the construct of internet audience research using online quantitative and qualitative research techniques	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M

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47					60	CO3	Students adapt knowledge about media planning models, compare different approaches to optimization of effective reach and frequency and perceive the link between media research & media planning	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
47					60	CO4	Students are given an overview of how media agencies translate various research tools and techniques as cutting edge in the market place	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
47					60	CO5	Students are appraised of industry perspectives of research on different media and media research done by MR agencies	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
47					0	CO6		-	-	-	-	-
48	SEM III	050143317 - PP	T5541	Media Sales and Marketing	60	CO1	To learn about the different approaches, types of selling and sales ethics	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
48					60	CO2	To acquire the skill sets essential for selling in media business	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
48					60	CO3	To understand the B2C and B2B marketing of media products, how one influences the other	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
48					60	CO4	To inculcate negotiation skills required in the media marketing business	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
48					60	CO5	To internalise principles of marketing strategies used by traditional and digital media from the perspective of different media business based on analysis of case studies and current scenario in India media market	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
48					0	CO6		-	-	-	-	-
49	SEM III	050143318 - PP	T5952	Economics & Business of Media	60	CO1	The student should be able to understand the Media Market Structures and Economics of Media Business including Economics of Online Media	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
49					0	CO2		-	-	-	-	-
49					0	CO3		-	-	-	-	-
49					0	CO4		-	-	-	-	-
49					0	CO5		-	-	-	-	-
49					0	CO6		-	-	-	-	-
50	SEM III	050143319 - PP	T5951	Advance Media Planning and Media Innovation	60	CO1	The student should be able to understand the growing significance of Digital medium and its enormous implications to the future of Media Industry	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
50					60	CO2	The student should get an exposure to Digital Media Planning and Buying and help them understand the various tools, techniques and platforms	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
50					60	CO3	The students should be able to solve case studies of Media Innovations across different media with emphasis on the changing role of the media agencies	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L
50					0	CO4		-	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
50					0	CO5		-	-	-	-	-
50					0	CO6		-	-	-	-	-
51	SEM III	050143320 - PP	T5097	Advanced Public Relations	60	CO1	Student should be able to demonstrate understanding of basic PR writing skills necessary to be a PR professional	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
51					60	CO2	Student should be able to explain how good PR copies are structured	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
51					60	CO3	Student should be able to elucidate functions of various PR departments	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
51					60	CO4	Student should be able to critically analyze the significance of writing for different media, audiences and situations	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M
51					0	CO5		-	-	-	-	-
51					0	CO6		-	-	-	-	-
52	SEM III	050143321 - PP	F0002	Event Management	60	CO1	The students should be able to demonstrate understanding of the five stages of event management: research, design, planning, coordination, and evaluation.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
52					60	CO2	The students should be able to identify and manage time, human resources and volunteers	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
52					60	CO3	The students should be able to obtain the key insights into hiring vendors, caterers, sound and light technicians, entertainment, like necessary contracts, permits, and licenses and other resources	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
52					60	CO4	The student should be able to demonstrate an understanding of application of various tools like event site inspection, risk-management procedures and tactics	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L
52					60	CO5	The student should be able to apply the constructs learnt like budgeting, pricing, accounting, principles of design to event decoration and effectively use flowers, fabric, lighting, and more to event design in a classroom environment to real world situations.	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M
52					0	CO6		-	-	-	-	-
53	SEM III	050143322 - PP	T5108	Strategic PR and Reputation Management	60	CO1	The students should be able to demonstrate understanding of the Reputation Management in the context of Public Relations	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L
53					60	CO2	The students should be able to identify and classify the skills of Communication and Persuasion Management	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M
53					60	CO3	The students should be able to obtain the key insights into use of Reputation Management as a strategic approach	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
53					60	CO4	The students should be able to demonstrate an understanding of various nuances of Global public relations and the finer threads therein	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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53					60	CO5	The students should be able to apply their understanding of Reputation Management to solve cases in the domain	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L
53					0	CO6		-	-	-	-	-
54	SEM III	050143323 - PP	T2121	Corporate Communication	60	CO1	The student should be able to articulate the mutual relationship and benefits between the communication function and other business functions of corporations	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
54					60	CO2	The student should be able to explain corporate identity based on understanding of the significance of the corporate voice	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
54					60	CO3	The student should be able to assess internal and external corporate communication needs and develop strategic communication plans to support business objectives	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
54					60	CO4	The students should be able to effectively communicate with multiple stakeholder groups using various modes of communication across mediums.	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
54					60	CO5	The students should be able to articulate the roles corporations play within the larger social, cultural, political and economic context of our contemporary global society.	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
54					60	CO6	The students should be able to articulate the role of CSR / Corporate philanthropy within the communications context	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L
55	SEM III	050143324 - PP	T5963	Consumer, Brand and Media Insights	60	CO1	The students should be able to understand Consumer, Brand and Media Insights principles and concepts through cases, readings and text-books as key input with ability to apply these concepts in providing actionable recommendations and value-added analysis for clients	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
55					60	CO2	The students should be able to focus on the Consumer and Consumption of brands and media (measurement, analysis and application of insights in these areas	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
55					60	CO3	The students should be able to analyze and apply insights with appropriate communication solutions in agencies for clients	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
55					0	CO4		-	-	-	-	-
55					0	CO5		-	-	-	-	-
55					0	CO6		-	-	-	-	-
56	SEM III	050143325 - PP	F0001	Marketing Analytics	60	CO1	Students should be able to extend their understanding of issues related to vital areas of marketing using quantitative analysis	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
56					60	CO2	Students should be able to analyze business requirements, select appropriate analytics platforms, and use data to solve real business problems	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
56					60	CO3	Student should be able to focus on developing marketing strategies and resource allocation decision driven by quantitative techniques.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
56					0	CO4		-	-	-	-	-
56					0	CO5		-	-	-	-	-
56					0	CO6		-	-	-	-	-
57	SEM III	050143326 - PP	F0001	Social Media Analytics	60	CO1	Students should be able to understand the basic concept of social networks	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
57					60	CO2	Students should be able to understand and study the metrics for assessing the social media strategies.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
57					60	CO3	Student should be able to focus on analyzing and deriving strategies and insights from social media chatter.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
57					60	CO4	Student should be able to understand the real word application of social media data	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
57					0	CO5		-	-	-	-	-
57					0	CO6		-	-	-	-	-
58	SEM III	050143327 - PP	T5517	Specialised Qualitative Research and Tools	60	CO1	To develop a deeper understanding of the theoretical basis and philosophy of qualitative research	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
58					60	CO2	To understand the theoretical range of methods available in the qualitative research tradition	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
58					60	CO3	To understand the application of qualitative research methods	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
58					60	CO4	To understand the application of qualitative research analysis methods	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
58					0	CO5		-	-	-	-	-
58					0	CO6		-	-	-	-	-
59	SEM IV	050143401 - PP	T5708	Corporate Citizenship	60	CO1	The student should become familiar with the basic concepts of corporate governance, social responsibility, and its links to socio-economical, socio-political and socio-cultural development.	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L
59					60	CO2	The student should be able to understand the sustainability and triple-bottom-line concept	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
59					60	CO3	The student should be able to learn about the bottom line of relationship, the responsibility towards society and the environment.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
59					60	CO4	The student should be able to increase understanding of the nature of business ethics and corporate social responsibility in the Indian as well as global business environment	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
59					60	CO5	The student should be able to develop critical ethical decision-making skills via the application of concepts and ethical theories to business cases	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
60	SEM IV	050143402 - PP	T5108	Retail Marketing Communications	60	CO1	The students should be able to critically analyses the principles, practices, and concepts used in retail marketing and apply them to business problems related to Retail Store operations and marketing.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
60					60	CO2	The students should be able to develop a strategy for product, price, promotions, and place in the context of Retail Store operations and marketing	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
60					60	CO3	The students should be able to create new approaches based upon emerging and identified market opportunities in retailing.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
60					60	CO4	The student should be able to create, develop and create teams within retailing businesses to explore the business opportunity	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
60					60	CO5	The student should be able to apply the constructs, learned in a classroom environment to real-world situations by developing a retail strategy.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
61	SEM IV	050143403 - PP	F0002	Project - III	60	CO1	The students should be able to critically analyse the operational processes and business problems related to Retail Store Management	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
61					60	CO2	The student should be able to apply the constructs of retail marketing to real-world situations for developing retail marketing strategy.	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
62	SEM IV	050143404 - PP	T5108	Brand Valuation and Return on Marketing Investments (ROMI)	60	CO1	The students should be able to critically analyses the principles, practices, and concepts pertaining to brand building and appreciate brands and their importance.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
62					60	CO2	The students should be able to develop comprehension and analysis of brand and return on marketing investments across frameworks.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
62					60	CO3	The students should be able to develop, design and devise brand valuation processes.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
62					60	CO4	The student should be able to communicate effectively through written brand valuation reports and presentations.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
62					60	CO5	The student should be able to apply the constructs, learnt in a classroom environment to real world situations for developing and sustaining arguments to support conclusion and recommendation.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
63	SEM IV	050143405 - PP	T2354	Social Entrepreneurship	60	CO1	The students should be able to critically think about social entrepreneurship by facilitating a detailed understanding of the area of social entrepreneurship, opportunities, and challenges.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
63					60	CO2	The students should be able to gain hands-on experience on the issues concerning social entrepreneurship through field work and interactions with leading social enterprises and entrepreneurs	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
63					60	CO3	The students should be able to conceptualize potential social enterprise that they dare to think of as a professional activity	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
64	SEM IV	050143406 - PP	T5111	Business Model for Digital Future	60	CO1	The students should be able to identify Business models in the digital world	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
64					60	CO2	The students should be able to ideate new business models	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
64					60	CO3	The students should be able to lead the Digital Transformation	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
65	SEM IV	050143407 - PP	T5708	Dissertation	60	CO1	To help students create their final projects reflective of the culmination of the entire learning in their degree programme.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Media and Communication Programme Name : Master of Arts (Mass Communication)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA2	Global citizenship: ethical, social and professional understanding	PO1	To demonstrate understanding of History, Geography, Multi lingual, multicultural nature and all forms of diversity in India
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Understanding of principles, concepts and theories of different forms of journalism
3	GA1	Scholarship: research, inquiry and lifelong learning	PO3	To enable students to think critically, creatively and Independently
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	To be able to conduct research and analyze information by applying methods appropriate for journalism
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	To be able to apply technologies essential for journalism
6	GA1	Scholarship: research, inquiry and lifelong learning	PO6	To be able to gather, analyze and present news stories in relevant formats as per target audience and publications.
7	GA2	Global citizenship: ethical, social and professional understanding	PO7	The program will help the students understand the idea of Audio Visual production and film making as an art form and the essentials of various media platform styles and know the basics of the language of cinema.
8	GA3	Eco-literate: sensitivity towards a sustainable environment	PO8	The student will able to assess basics of a number of methods of analyzing films be able to apply these methods to variety of film, and know why film studies favors certain methods
9	GA3	Eco-literate: sensitivity towards a sustainable environment	PO9	The students will be able to demonstrate an advanced level of proficiency in filmmaking by producing an directing their own films working through the stages of pre-production, production and postproduction
10	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO10	To enable the students to think criticality and innovatively through integration of knowledge, skills and good attitude.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
1	SEM I	050144101 - PP		Film and Television Appreciation	60	CO1	The students will understand the basics of the aesthetics and techniques of cinema and television	Strong-H	Strong-H	-	Strong-H	-	-	Strong-H	Strong-H	Weak-L	Strong-H
1					60	CO2	The students will learn how to read the language of Cinema and Television	Strong-H	Strong-H	-	Strong-H	-	-	Strong-H	Strong-H	Weak-L	Strong-H
1					60	CO3	The students will identify the key elements that make up the film medium.	Strong-H	Strong-H	Weak-L	Moderate-M	-	-	Strong-H	Strong-H	Weak-L	Strong-H
1					60	CO4	The students will be able to dissect the key aspects that go into the making of medium and understand how each element function	Strong-H	Strong-H	Weak-L	Strong-H	-	-	Strong-H	Strong-H	Moderate-M	Strong-H
1					60	CO5	-	-	-	-	-	-	-	-	-	-	-
1					60	CO6	-	-	-	-	-	-	-	-	-	-	-
2	SEM I	050144102 - PP		Digital Photography	60	CO1	The students will understand the basic skills of photography	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	-	Strong-H	Strong-H	Moderate-M	Strong-H
2					60	CO2	The students will be able to deconstruct an image	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	Moderate-M	Moderate-M	Strong-H	Moderate-M
2					60	CO3	The students will be able to link other art forms and photography	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	Moderate-M	Moderate-M	Strong-H	Moderate-M
2					60	CO4	-	-	-	-	-	-	-	-	-	-	-
2					60	CO5	-	-	-	-	-	-	-	-	-	-	-
2					60	CO6	-	-	-	-	-	-	-	-	-	-	-
3	SEM I	050144103 - PP		Digital Multimedia and Digital Technologies	60	CO1	The students should be able to obtain a working knowledge of basic Digital Multimedia tools	Moderate-M	Strong-H	Weak-L	Moderate-M	-	-	Moderate-M	Moderate-M	Weak-L	Moderate-M

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3					60	CO2	The students should be able to obtain skills in image manipulation, page layout and animation for Print Design, Broadcast Design, Web Design, and Photography.	Moderate-M	Strong-H	Weak-L	Moderate-M	-	-	Moderate-M	Moderate-M	Weak-L	Moderate-M
3					60	CO3	-	-	-	-	-	-	-	-	-	-	-
3					60	CO4	-	-	-	-	-	-	-	-	-	-	-
3					60	CO5	-	-	-	-	-	-	-	-	-	-	-
3					60	CO6	-	-	-	-	-	-	-	-	-	-	-
4	SEM I	050144104 - PP		Media ,Culture and Society	60	CO1	To read and analyze media constructions in their ideological context.	Strong-H	Moderate-M	Strong-H	Strong-H	-	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO2	To critically evaluate media representations of gender class caste sexuality religion.	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO3	To be able to theoretically reflect on media constructions, representations and spectacles in the performative spaces of popular culture	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO4	To be able to identify and make sense of sociocultural practices of media audiences and users	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO5	-	-	-	-	-	-	-	-	-	-	-
4					60	CO6	-	-	-	-	-	-	-	-	-	-	-
5	SEM I	050144105 - PP		Project I	60	CO1	To orient and acclimatize the students towards the media and communications field.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
5					60	CO2	To develop their understanding of the fundamental knowledge and skills required to start working in the fields of journalism and audio-visual production	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M
5					60	CO3	-	-	-	-	-	-	-	-	-	-	-
5					60	CO4	-	-	-	-	-	-	-	-	-	-	-
5					60	CO5	-	-	-	-	-	-	-	-	-	-	-
5					60	CO6	-	-	-	-	-	-	-	-	-	-	-
6	SEM I	050144106 - PP		Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
6					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L
6					60	CO3	To train students to perform First aid and CPR in an emergency.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L
6					60	CO4	-	-	-	-	-	-	-	-	-	-	-
6					60	CO5	-	-	-	-	-	-	-	-	-	-	-
6					60	CO6	-	-	-	-	-	-	-	-	-	-	-
7	SEM I	050144107 - PP		Perspectives on Indian Media	60	CO1	Students should be able to outline the challenges Indian media has been facing in the wake of economic, political technological social and cultural changes	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	-	-	-	-
7					60	CO2	Students should be able to critically analyse media as an institution	Strong-H	Moderate-M	Strong-H	Strong-H	-	Strong-H	-	-	-	-

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7					60	CO3	Students should be able to draw linkages between Indian media and other social and public institutions	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	-
7					60	CO4	Students should be able to interrelate media and issues in the public sphere	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-
7					60	CO5	Students should be able to comment on debates on ethics of media practice	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-
7					60	CO6	-	-	-	-	-	-	-	-	-	-	-
8	SEM I	050144108 - PP	T5682	Basics of Journalistic Writing	60	CO1	The students should be able to develop communication skills for their betterment	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	-	-	-
8					60	CO2	To think, write and analyze in a critical manner	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	-	-	-
8					60	CO3	Use creativity and imagination in order to write in a logical manner	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	-	-	-	-
8					60	CO4	To write and present for various audiences	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	-	-	-
8					60	CO5	-	-	-	-	-	-	-	-	-	-	-
8					60	CO6	-	-	-	-	-	-	-	-	-	-	-
9	SEM I	050144109 - PP	T5632	Visual Narrative	60	CO1	The students will be able to appreciate and analyze the visual narrative of the film as it evolves with changes in technology	-	-	-	-	-	-	Strong-H	Strong-H	Moderate-M	Weak-L

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13	SEM II	050144203 - PP	T5801	Social Responsibility Project	60	CO1	The student should be instilled with a sense of social responsibility among students.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L
13					60	CO2	Students should be sensitized to issues of disparity and marginalization.	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M
13					60	CO3	Students should be able to get a sense of community orientation.	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
13					0	CO4		-	-	-	-	-	-	-	-	-	-
13					0	CO5		-	-	-	-	-	-	-	-	-	-
13					0	CO6		-	-	-	-	-	-	-	-	-	-
14	SEM II	050144204 - PP	T5683	News Reporting and Editing	60	CO1	Students should be able to develop skills for news reporting	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	-	-	-	-
14					60	CO2	Students should be able to be exposed to the field of editing	Weak-L	Strong-H	Moderate-M	-	Weak-L	Weak-L	-	-	-	-
14					60	CO3	Students should be able to understand the process of reporting	Moderate-M	Strong-H	Moderate-M	-	Weak-L	Weak-L	-	-	-	-
14					60	CO4	Students should be able to develop the craft of editing	Weak-L	Strong-H	Moderate-M	-	Weak-L	Weak-L	-	-	-	-
15	SEM II	050144205 - PP	T5684	Contemporary India and the World	60	CO1	Student should be able to recall the basic geo-political and socio-economic concepts they have learned so far	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-
15					60	CO2	Student should be able to compare India s neighbors and the issues in those countries.	Strong-H	Moderate-M	Strong-H	-	-	-	-	-	-	-

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15					60	CO3	Student should be able to identify the bilateral relationship between the news events and the social issues that trigger them	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-
15					60	CO4	Students should be able to appraise the social, political and economic realities of India along with possible available solutions.	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-
16	SEM II	050144206 - PP	T5685	Television News Basic	60	CO1	Student should be able to define TV news and compare various types of stories	-	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	-	-
16					60	CO2	Student should be able to plan a story from inception to procurement	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	-	-	-	-
16					60	CO3	Student should be able to utilize technical equipment necessary in TV news	-	Moderate-M	Weak-L	-	Strong-H	-	-	-	-	-
16					60	CO4	Students should be able to assess and choose newsgathering techniques	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-	-
16					60	CO5	Students should be able to create TV news presentations	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	-	-	-	-
17	SEM II	050144207 - PP	T5465	Media Laws, Ethics and Policies	60	CO1	The Student should be able to outline the larger legal framework for media in India	Strong-H	Weak-L	-	-	-	Weak-L	-	-	-	-

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17					60	CO2	The student should be able to examine the evolution of laws for print, broadcasting, Cinema, Internet and Advertising	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-	-	-
17					60	CO3	The student should be able to assess the effect of these laws and policies to journalistic content and practice	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Weak-L	-	-	-	-
17					60	CO4	The Student should be able to contrast media laws with ethics	Strong-H	Weak-L	Moderate-M	-	Moderate-M	Weak-L	-	-	-	-
17					0	CO5		-	-	-	-	-	-	-	-	-	-
17					0	CO6		-	-	-	-	-	-	-	-	-	-
18	SEM II	050144208 - PP	F0002	Flexi-Credit Course : Investigative and Environmental Journalism	60	CO1	Students should be able to learn the necessary skill set of investigative reporting	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-	-
18					60	CO2	Students should be able to gather practical knowhow of investigation with the usage of real-life investigative cases.	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-	-	-
18					60	CO3	Students should be able to reflect on the importance of the environmental beat in journalism.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	-	-	-	-
18					60	CO4	Students should be able to apply the investigative techniques in the environmental beat	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	-	-	-
19	SEM II	050144209 - PP	T5686	Online and Social Media Tools in Journalism	60	CO1	Students should be exposed to various tools of digital media	-	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
19					60	CO2	Students should be able to understand and create contents for digital media	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	-
19					60	CO3	Students should be able to understand various tools for social and online media	-	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-	-
20	SEM II	050144210 - PP	T5687	Advanced Journalistic Writing	60	CO1	Student should be able to classify journalistic writing in various formats	Moderate-M	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	-	-
20					60	CO2	Student should be able to analyze the various nuances that influence the writing formats	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	-
20					60	CO3	Student should be able to critically appraise various journalistic pieces	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	-
20					60	CO4	Student should be able to create journalistic pieces of various genre	Strong-H	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-
20					0	CO5		-	-	-	-	-	-	-	-	-	-
20					0	CO6		-	-	-	-	-	-	-	-	-	-
21	SEM II	050144211 - PP	T5044	Camera and Lighting	60	CO1	To understand the basic camera skills	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Weak-L
21					60	CO2	To understand the lighting techniques	-	-	-	-	-	-	Moderate-M	Moderate-M	Strong-H	Weak-L
21					60	CO3	To help students light up for various situations	-	-	-	-	-	-	Strong-H	Moderate-M	Strong-H	Weak-L
21					60	CO4	Introduce the students to various lighting and grip equipment, their features and applications.	-	-	-	-	-	-	Moderate-M	Moderate-M	Strong-H	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
21					60	CO5	To help students understand and appreciate aesthetics	-	-	-	-	-	-	Moderate-M	Moderate-M	Strong-H	Moderate-M
21					0	CO6		-	-	-	-	-	-	-	-	-	-
22	SEM II	050144212 - PP	T5693	Advanced Photography	60	CO1	To understand the artificial lighting	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L	Moderate-M
22					60	CO2	To understand the advanced photography techniques like food photography and portrait photography	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Strong-H
22					60	CO3	To help students analyse each format	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M
22					60	CO4	To help students understand and analyse the work of experts	-	-	-	-	-	-	Weak-L	Weak-L	Moderate-M	Moderate-M
22					0	CO5		-	-	-	-	-	-	-	-	-	-
22					0	CO6		-	-	-	-	-	-	-	-	-	-
23	SEM II	050144213 - PP	T5694	Television Genres and Programming	60	CO1	To get an understanding of the working of Television industry.	Strong-H	Moderate-M	-	Moderate-M	-	Moderate-M	-	-	-	-
23					60	CO2	To understand the existing global television formats.	Strong-H	Weak-L	-	Moderate-M	-	Moderate-M	-	-	-	-
23					60	CO3	To help students analyze each format.	Moderate-M	Moderate-M	-	Weak-L	-	Weak-L	-	-	-	-
23					60	CO4	To help students understand and analyse audiences for each formats	Moderate-M	Moderate-M	-	-	-	Weak-L	-	-	-	-
23					60	CO5	To equip students to create new formats	Moderate-M	Moderate-M	Weak-L	Weak-L	-	Weak-L	-	-	-	-
23					0	CO6		-	-	-	-	-	-	-	-	-	-
24	SEM II	050144214 - PP	T5631	Fundamentals of Sound	60	CO1	To understand the fundamental aspects of sound	-	-	-	-	-	-	Moderate-M	Weak-L	Weak-L	Weak-L

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24					60	CO2	To understand and identify the difference between sound and audio	-	-	-	-	-	-	Moderate-M	Weak-L	Weak-L	Weak-L
24					60	CO3	The student should be able to familiarize themselves with the technology needed to learn sound and audio	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Weak-L
24					60	CO4	The students should be able to learn how to record basics of sound	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M
24					0	CO5		-	-	-	-	-	-	-	-	-	-
24					0	CO6		-	-	-	-	-	-	-	-	-	-
25	SEM II	050144215 - PP	F0002	Flexi-Credit Course : Design and Production: Theatre	60	CO1	The students will gain aesthetic and practical knowledge of Editing	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L
25					60	CO2	The students will be trained in the Final Cut Pro VII and X, which are industry standards	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Weak-L
25					60	CO3	The students will be able to do aesthetic visualization and can do independent editing	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Weak-L
25					60	CO4	The students will be expertise to edit different garners of films	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L
25					0	CO5		-	-	-	-	-	-	-	-	-	-
25					0	CO6		-	-	-	-	-	-	-	-	-	-
26	SEM II	050144216 - PP	F0002	Flexi-Credit Course : Digital Production and video editing	60	CO1	To help students understand the increasing significance of digital production techniques	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L	Weak-L

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26					60	CO2	To help students understand the increasing significance of digital video editing techniques	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L	Weak-L
26					60	CO3	To help students employ digital production and video editing techniques with practical exposure	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L	Weak-L
26					0	CO4		-	-	-	-	-	-	-	-	-	-
26					0	CO5		-	-	-	-	-	-	-	-	-	-
26					0	CO6		-	-	-	-	-	-	-	-	-	-
27	SEM II	050144217 - PP	T5698	Screenwriting	60	CO1	The student should be able to develop communication skills at par with Industry standards	-	-	-	-	-	-	Moderate-M	Strong-H	-	Weak-L
27					60	CO2	The students should be able to think, analyse and write in a critical manner	-	-	-	-	-	-	Moderate-M	Moderate-M	-	Weak-L
27					60	CO3	The students should be able to use creativity and imagination in order to write in a logical manner	-	-	-	-	-	-	Strong-H	Moderate-M	-	Weak-L
27					60	CO4	The students should be able to write and present for varied audiences	-	-	-	-	-	-	Strong-H	Moderate-M	-	-
27					0	CO5		-	-	-	-	-	-	-	-	-	-
27					0	CO6		-	-	-	-	-	-	-	-	-	-
28	SEM III	050144301 - PP	T5688	Documentary Film making	60	CO1	Student should be able to do In-depth study and analysis of the making of the feature-length documentary across genres.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M

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28					60	CO2	Students should be able to explore the stages of documentary production right through research and planning, production and post-production	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M
28					60	CO3	Students should be able to Comprehend and apply the commentary, questionnaire and interview techniques: essential tools of documentary filmmaking	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
28					0	CO4		-	-	-	-	-	-	-	-	-	-
28					0	CO5		-	-	-	-	-	-	-	-	-	-
28					0	CO6		-	-	-	-	-	-	-	-	-	-
29	SEM III	050144302 - PP	T5902	Project III	60	CO1	To provide exposure to students to the media industry through onsite or field experience.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L
29					60	CO2	To help students do practical work to build their professional portfolio.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
29					0	CO3		-	-	-	-	-	-	-	-	-	-
29					0	CO4		-	-	-	-	-	-	-	-	-	-
29					0	CO5		-	-	-	-	-	-	-	-	-	-
29					0	CO6		-	-	-	-	-	-	-	-	-	-
30	SEM III	050144303 - PP	T5802	Specialized Reporting	60	CO1	Students should be able to learn and apply basic reporting skills across multiple news beats.	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	-	-	-	-
30					60	CO2	Students should be exposed to different to perspectives to look at a particular beat.	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	-	-	-	-

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30					60	CO3	Students should be able to deal with challenges a particular news beat poses.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	-
30					60	CO4	Students should be able to analyse emerging trends of a beat vis-a-vis different journalistic platforms	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	-	-	-	-
31	SEM III	050144304 - PP	T5018	Basics of Finance, Economics and Business Journalism	60	CO1	Students should be exposed to business journalism	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	-	-	-	-
31					60	CO2	Students should be able to develop and understand micro and macro economics	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	-	-	-	-
31					60	CO3	Students should be able to understand international financial perspectives	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	-	-
31					60	CO4	Students should be able to understand financial markets	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	-	-	-	-
31					0	CO5		-	-	-	-	-	-	-	-	-	-
31					0	CO6		-	-	-	-	-	-	-	-	-	-
32	SEM III	050144305 - PP	T5458	Current Affairs and Newsroom Management	60	CO1	Students should get an outline of contemporary Social, Political and Economic issues on regional, national and international level.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	-	-	-	-
32					60	CO2	Students should be able to interpret varies news events and should be able to explain various aspects related to it.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	-	-	-

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35					0	CO6		-	-	-	-	-	-	-	-	-	-
36	SEM III	050144309 - PP	T5696	Direction	60	CO1	The students will understand the basics of direction for audio-visual medium.	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Weak-L
36					60	CO2	The students will learn various elements of direction through practical class exercises	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Moderate-M
36					60	CO3	The students will be prepared to direct short audio-visual stories on their	-	-	-	-	-	-	Moderate-M	Strong-H	Moderate-M	Moderate-M
36					0	CO4		-	-	-	-	-	-	-	-	-	-
36					0	CO5		-	-	-	-	-	-	-	-	-	-
36					0	CO6		-	-	-	-	-	-	-	-	-	-
37	SEM III	050144310 - PP	T5058	Audio Visual Production Management	60	CO1	The students should be able to get a comprehension of the industry and its requirements and understand Film and TV comparative studies.	-	-	-	-	-	-	Moderate-M	Moderate-M	Strong-H	Strong-H
37					60	CO2	The students should be able to learn management techniques for the industry.	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L
37					60	CO3	The students should be able to get understanding of pre-production planning and execution	-	-	-	-	-	-	Strong-H	Moderate-M	Moderate-M	Strong-H

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39					0	CO6		-	-	-	-	-	-	-	-	-	-
40	SEM III	050144313 - PP	T5697	Multi Camera Techniques	60	CO1	The students will gain an understanding of the Industry and requirements of the Film and TV Industry	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M	Weak-L
40					60	CO2	The students will be trained in the multicamera production process	-	-	-	-	-	-	Weak-L	Strong-H	Strong-H	Weak-L
40					60	CO3	The students will be able to plan and execute camera and lighting plans in a multi-camera setup	-	-	-	-	-	-	Moderate-M	-	Moderate-M	Moderate-M
40					0	CO4		-	-	-	-	-	-	-	-	-	-
40					0	CO5		-	-	-	-	-	-	-	-	-	-
40					0	CO6		-	-	-	-	-	-	-	-	-	-
41	SEM III	050144314 - PP	T5025	Democracy and Political Parties	60	CO1	The students should be able to get a glimpse of various political parties - national and regional -- their role, ideologies and participation in representative democracy and governance at the Centre and in the states	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	-	-	-	-
41					60	CO2	The students should be able to understand democracy, elections and representative institutions - Parliament and State legislatures - and how laws are enacted	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-	-	-	-

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43	SEM III	050144316 - PP	T5690	Entertainment and Lifestyle Journalism	60	CO1	Students should be able to holistically understand the field of film journalism with its larger theoretical contexts and practical issues.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	-	-	-	-
43					60	CO2	Students should be able to create different formats of film journalistic content including reviews, essays and reports.	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	-
43					60	CO3	Students should be able to appraise the field of fashion journalism and identify smaller working elements of the field.	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	-	-	-	-	-
43					60	CO4	Students should be able to compare different forms of descriptive writing and assess their use in lifestyle journalism.	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	-	-	-	-	-
43					60	CO5	Students should be able to conduct interviews for and create different lifestyle features.	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	-	-	-	-	-
44	SEM III	050144317 - PP	T5047	Advanced Research Methodology-J	60	CO1	To develop a deeper understanding of the theoretical basis and philosophy of qualitative research	-	-	-	-	-	-	Moderate-M	Weak-L	Weak-L	-
44					60	CO2	To understand the theoretical range of methods available in the qualitative research tradition	-	-	-	-	-	-	Moderate-M	Weak-L	-	-

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46					0	CO5		-	-	-	-	-	-	-	-	-	-
46					0	CO6		-	-	-	-	-	-	-	-	-	-
47	SEM III	050144319-PP	T5474	Radio Production	60	CO1	Student should be able to develop the understanding of audio as a medium of mass communication	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	-	-	-	-	-
47					60	CO2	Student should be able to outline the structure and function of radio broadcasting including public, private and community radio	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	-	-	-	-	-
47					60	CO3	Student should be able to appraise the evolution of podcasting	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	-	-	-	-	-
47					60	CO4	Student should be able to create audio productions using various formats and technologies	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-
47					0	CO5		-	-	-	-	-	-	-	-	-	-
47					0	CO6		-	-	-	-	-	-	-	-	-	-
48	SEM III	050144320-PP	T5232	Advanced Camera and Lighting	60	CO1	The students will know Cinematography styles of the experts	-	-	-	-	-	-	Strong-H	Strong-H	Moderate-M	Weak-L
48					60	CO2	The students will be trained in advanced camera and lighting techniques	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L
48					60	CO3	The students will be able to plan and execute production plans for different situations and genres	-	-	-	-	-	-	Strong-H	Weak-L	Moderate-M	Weak-L
48					60	CO4	The students will be able to analyse cinematography styles of various cinematographers	-	-	-	-	-	-	Strong-H	Moderate-M	Weak-L	Moderate-M

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48					0	CO5		-	-	-	-	-	-	-	-	-	-
48					0	CO6		-	-	-	-	-	-	-	-	-	-
49	SEM III	050144321 - PP	T6021	Advanced Film Criticism	60	CO1	The students should be able to understand the aesthetic mechanism of good cinema	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L	Moderate-M
49					60	CO2	The students should be able to understand how film is, in a sense, both an art work and a document of nationality, culture and history	-	-	-	-	-	-	Strong-H	Moderate-M	Moderate-M	Weak-L
49					60	CO3	The students should be able to analyse a film or a particular directors work by placing him or her in a specific cinema movement	-	-	-	-	-	-	Strong-H	Moderate-M	Weak-L	Moderate-M
49					60	CO4	The students should be able to develop not just the analytic ability but the writing ability in film criticism.	-	-	-	-	-	-	Strong-H	Moderate-M	Weak-L	-
49					0	CO5		-	-	-	-	-	-	-	-	-	-
49					0	CO6		-	-	-	-	-	-	-	-	-	-
50	SEM III	050144322 - PP	T5058	Production Design	60	CO1	The students will be introduced to the role of Casting in films	-	-	-	-	-	-	Moderate-M	Strong-H	Moderate-M	Moderate-M
50					60	CO2	The students will be trained in Makeup techniques used in films	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Moderate-M
50					60	CO3	The students will be able to plan and execute casting plans of pre-production for the Film and TV industry	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M	Strong-H

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50					60	CO4	The students will be able to dissect the key aspects that go into casting and costumes design for various genres in film making	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L
50					60	CO5	To aid the students in practical lighting and locations process	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	-	-	-	-	-
50					0	CO6		-	-	-	-	-	-	-	-	-	-
51	SEM III	050144323 - PP	T5474	Sound Design	60	CO1	The students will understand the creative process of a sound designer of the film and TV industry	-	-	-	-	-	-	Moderate-M	Moderate-M	Strong-H	Moderate-M
51					60	CO2	The students will be trained in the recording and designing of sound in films	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	-
51					60	CO3	The students will be able to design a sound track for a fiction short film	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	-
51					0	CO4		-	-	-	-	-	-	-	-	-	-
51					0	CO5		-	-	-	-	-	-	-	-	-	-
51					0	CO6		-	-	-	-	-	-	-	-	-	-
52	SEM III	050144324 - PP	T5550	Allied Skills for AV Production	60	CO1	The students will be introduced to the role of Casting in films	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M	Weak-L
52					60	CO2	The students will be trained in Makeup techniques used in films	-	-	-	-	-	-	Strong-H	Moderate-M	Strong-H	Weak-L
52					60	CO3	The students will be able to plan and execute casting plans of pre-production for the Film and TV industry	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	-

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52					60	CO4	The students will be able to dissect the key aspects that go into casting and costumes design for various genres in film making	-	-	-	-	-	-	Weak-L	Moderate-M	Weak-L	-
52					0	CO5		-	-	-	-	-	-	-	-	-	-
52					0	CO6		-	-	-	-	-	-	-	-	-	-
53	SEM IV	050144401 - PP	T5703	Dissertation/Digital/Multimedia Project Dissertation/Digital/Multimedia Project	60	CO1	To help students create their final projects reflective of the culmination of the entire learning in their degree programme.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
54	SEM IV	050144402 - PP	T2900	Media Laws, Ethics and Policies	60	CO1	The Student should be able to outline the larger legal framework for media in India	Strong-H	Moderate-M	Moderate-M	-	Weak-L	-	-	-	-	-
54					60	CO2	The student should be able to examine the evolution of laws for print, broadcasting, Cinema, Internet and Advertising	Moderate-M	Strong-H	Weak-L	-	Weak-L	-	-	-	-	-
54					60	CO3	The student should be able to assess the effect of these laws and policies to journalistic content and practice	Strong-H	Moderate-M	Moderate-M	-	Weak-L	-	-	-	-	-
54					60	CO4	The Student should be able to contrast media laws with ethics	Moderate-M	Weak-L	Moderate-M	-	Weak-L	-	-	-	-	-
54					0	CO5		-	-	-	-	-	-	-	-	-	-
54					0	CO6		-	-	-	-	-	-	-	-	-	-
55	SEM IV	050144403 - PP	T5021	Development Communication and Journalism	60	CO1	Students should be exposed to development and development communication	Strong-H	Moderate-M	Weak-L	-	Moderate-M	-	-	-	-	-

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57	SEM IV	050144405 - PP	T5031	Auteur Studies	60	CO1	The students should be able to develop an understanding of auteur theory of filmmaking	-	-	-	-	-	-	Strong-H	Moderate-M	Moderate-M	Weak-L
57					60	CO2	The students should be able to analyse an array of filmmakers from various timelines, genres and countries to get better understanding of their work	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M	Weak-L
57					60	CO3	The students should be able to put into practice the understanding of auteur theory, across genres	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M	Moderate-M
57					0	CO4		-	-	-	-	-	-	-	-	-	-
57					0	CO5		-	-	-	-	-	-	-	-	-	-
57					0	CO6		-	-	-	-	-	-	-	-	-	-
58	SEM IV	050144406 - PP	T5478	Constitutional Affairs and Elections	60	CO1	The students should be able to understand the Fundamental Rights and Directive Principles of State Policy, Role, powers and functions of the Legislature, the Executive and the Judiciary.	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	-	-	-	-
58					60	CO2	The students should be able to develop an understanding of the role of constitutional posts and integrity institutions, and electoral reforms.	Moderate-M	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
63	SEM IV	050144411 - PP	T5630	Film Marketing and Distribution Models	60	CO1	The students will be able to understand the key revenue and financial drivers of the movie and television businesses	-	-	-	-	-	-	Moderate-M	Strong-H	Weak-L	-
63					60	CO2	The students will be able to examine the relationship between audiences and movies or television	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	-
63					60	CO3	The students will be able to expand knowledge of film or television marketing	-	-	-	-	-	-	Moderate-M	Strong-H	Moderate-M	Weak-L
63					0	CO4		-	-	-	-	-	-	-	-	-	-
63					0	CO5		-	-	-	-	-	-	-	-	-	-
63					0	CO6		-	-	-	-	-	-	-	-	-	-
64	SEM IV	050144412 - PP	T5064	Graphics and Visual Special Effects	60	CO1	The students should be able to develop an understanding and working of Graphic and VFX	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	-
64					60	CO2	The students should be able to work with elements of design and motion graphics.	-	-	-	-	-	-	Strong-H	Moderate-M	Weak-L	-
64					60	CO3	The students should be able to understand the concepts of composition, live and motion graphics, color correction.	-	-	-	-	-	-	Moderate-M	Strong-H	Weak-L	Weak-L
64					0	CO4		-	-	-	-	-	-	-	-	-	-
64					0	CO5		-	-	-	-	-	-	-	-	-	-
64					0	CO6		-	-	-	-	-	-	-	-	-	-
65	SEM IV	050144413 - PP	T5222	Wildlife and Commercial Photography	60	CO1	To understand the tricks for wildlife photography	-	-	-	-	-	-	Strong-H	Moderate-M	Weak-L	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
65					60	CO2	To understand the advanced photography techniques Architecture photography	-	-	-	-	-	-	Strong-H	Moderate-M	Weak-L	-
65					60	CO3	To help students analyse each format	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L
65					60	CO4	To help students understand and analyse the work of experts	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M	-
65					0	CO5		-	-	-	-	-	-	-	-	-	-
65					0	CO6		-	-	-	-	-	-	-	-	-	-

Its a system generated report, signature not required

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO1	Scholarship: research, inquiry and lifelong learning-To raise future thinkers who can critically engage with the field practices in the area of communication studies, specifically in the sub-domain of advertising, public relations, and media management, contribute towards existing knowledge in the domain by addressing complex communication problems through research and inquiry and inculcate the dimensions of lifelong learning.
2	GA3	Eco-literate: sensitivity towards a sustainable environment	PO2	Global citizenship: Ethical, social and professional understanding -To nurture students as responsible citizens while sensitizing them towards diverse global and local socio-cultural environment by integrating ethical and empathetic values in the curricular and co-curricular practices, in order to shape responsible professional attitudes adaptable to different global work environments.
3	GA2	Global citizenship: ethical, social and professional understanding	PO3	Eco-literate: Sensitivity towards a sustainable environment - To foster an academic environment that minimizes, preserves, and replenishes the usage of natural resources while also encouraging students to volunteer for initiatives related to environment sustainability and take ownership towards eco-friendly practices within and beyond the institute's campus.
4	GA1	Scholarship: research, inquiry and lifelong learning	PO4	Employability: Equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living - To provide capable communication leadership in the various domains of communication industry, specifically in the area of advertising, public relations, and media management equipped with skills and insights into responsible citizenship and engage positively towards their professional environment.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
1	SEM I	050341101 - PP	T2217	Business Statistics	60	CO1	To enable students to present, analyze and interpret data.	Moderate-M	Strong-H	Moderate-M	Weak-L
1					60	CO2	To enable students to use concepts of probability in business situations.	Moderate-M	Strong-H	Moderate-M	Weak-L
1					60	CO3	To enable students to make inferences from samples drawn from large datasets.	Strong-H	Strong-H	Weak-L	Weak-L
1					60	CO4	To enable students to apply univariate and multivariate statistical techniques.	Strong-H	Strong-H	Strong-H	Weak-L
1					0	CO5		-	-	-	-
1					0	CO6		-	-	-	-
2	SEM I	050341102 - PP	T5545	Communication Theories and Culture	60	CO1	To develop a working knowledge of models, theories and explain the world of mass media	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO2	Explore and experience the process of theory construction and application	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO3	To encourage the students to infer and explore relevance of the theories outside of the classroom.	Weak-L	Moderate-M	Strong-H	Moderate-M
2					60	CO4	Expand familiarity with mass communication theory, in range, depth, and scope, evaluate and critique it via assignment	Weak-L	Moderate-M	Strong-H	Moderate-M

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2					0	CO5		-	-	-	-
2					0	CO6		-	-	-	-
3	SEM I	050341103 - PP	T5081	Introduction to Public Relation Industry	60	CO1	Public Relations is an integral tool of any company	Moderate-M	Strong-H	-	Strong-H
3					60	CO2	It is increasingly recognized as a powerful communication function that helps achieve a company's goals	Strong-H	Strong-H	-	Strong-H
3					60	CO3	perspective of corporate reputation, marketing, HR, and finance	Strong-H	Strong-H	Moderate-M	Strong-H
3					60	CO4	students of mass communication and communication management	Strong-H	Strong-H	Strong-H	Strong-H
3					0	CO5		-	-	-	-
3					0	CO6		-	-	-	-
4	SEM I	050341104 - PP	T5079	Introduction to Advertising Industry and Advertising Management	60	CO1	To cover the various components of Advertising Management.	Strong-H	Moderate-M	Moderate-M	Strong-H
4					60	CO2	To make the learners aware of the processes, models and strategies to create effective advertising	-	Moderate-M	-	Strong-H
4					60	CO3	Creating ,building and sustaining brands	Moderate-M	Strong-H	Moderate-M	Strong-H
4					60	CO4	To cover evolution of Ad Industry	Moderate-M	Strong-H	Strong-H	Strong-H
4					0	CO5		-	-	-	-
4					0	CO6		-	-	-	-
5	SEM I	050341105 - PP	T5068	Media and Communication Industry Overview	0	CO1	To give an overview of development of the Indian Media & Communication Industry	Strong-H	-	Strong-H	-
5					0	CO2	It will enable the students to understand the linkages between marketing, media and communication against a global perspective	Strong-H	-	Strong-H	-
5					0	CO3	It will sensitize the students about the legal responsibilities and regulatory framework	Strong-H	Moderate-M	Strong-H	-
5					0	CO4	Current status across mass media as well as new media	Strong-H	Strong-H	Strong-H	-
5					0	CO5		-	-	-	-
5					0	CO6		-	-	-	-
6	SEM I	050341106 - PP	T2582	OB & HRM	60	CO1	To familiarize the students with the basic concepts of management	Moderate-M	Strong-H	-	Strong-H
6					60	CO2	factors underlying organizational behaviour	Strong-H	Strong-H	-	Strong-H
6					60	CO3	to acquaint the students with the ever increasing importance of human resources	Strong-H	Strong-H	Moderate-M	Strong-H
6					60	CO4	vital source of competitive advantage for todays organizations.	Strong-H	Strong-H	Strong-H	Strong-H

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6					0	CO5		-	-	-	-
6					0	CO6		-	-	-	-
7	SEM I	050341107 - PP	T2560	Principles and Practices of Management	60	CO1	Explain principles of organization structure and design; environment, strategy, technology, organizational culture, change	Strong-H	Moderate-M	Moderate-M	Strong-H
7					60	CO2	Organizational and inter-organizational relationships, decision making hierarchies, bureaucracy, power, and politics.	-	Moderate-M	-	Strong-H
7					60	CO3	Explain various organization theories which enable managers to understand, predict, and influence organizational design/structure and development	Moderate-M	Strong-H	Moderate-M	Strong-H
7					60	CO4	Identify the complex issues faced by managers in the area of ethics and social responsibility in organizational development	Moderate-M	Strong-H	Strong-H	Strong-H
7					60	CO5	link organizational design to global business strategies and practices.	Strong-H	-	Moderate-M	Strong-H
7					0	CO6		-	-	-	-
8	SEM I	050341108 - PP	T5118	Introduction to Social Change Communication	0	CO1		-	-	-	-
8					0	CO2		-	-	-	-
8					0	CO3		-	-	-	-
8					0	CO4		-	-	-	-
8					0	CO5		-	-	-	-
8					0	CO6		-	-	-	-
9	SEM I	050341109 - PP	T6009	The Craft of Writing for Media	60	CO1	Develop a sound language usage base	Strong-H	Strong-H	Moderate-M	Moderate-M
9					60	CO2	Analyze the principles and practices of writing for media through hands-on writing activities, discussion and presentation.	Strong-H	Strong-H	Moderate-M	Moderate-M
9					60	CO3	Write samples of different genres of writing	Strong-H	Strong-H	Moderate-M	Moderate-M
9					0	CO4		-	-	-	-
9					0	CO5		-	-	-	-
9					0	CO6		-	-	-	-
10	SEM I	050341110 - PP	T5802	Social Responsibility Project	60	CO1	Students will learn The principles of CSR	Moderate-M	Strong-H	-	Strong-H
10					60	CO2	Students will learn Issues concerning Sustainability	Strong-H	Strong-H	-	Strong-H
10					60	CO3	Ecosystem that helps deliver and sustain, maintain brands	Strong-H	Strong-H	Moderate-M	Strong-H
10					60	CO4	Ethics, CSR and Corporate Behavior	Strong-H	Strong-H	Strong-H	Strong-H
10					0	CO5		-	-	-	-
10					0	CO6		-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
11	SEM I	050341111 - PP	T2647	Introduction to Entrepreneurship	60	CO1	Students will learnThe Entrepreneurship - An Evolving Concept	Moderate-M	Strong-H	-	Strong-H
11					60	CO2	Linkages to Intrapreneurship:Nature, Elements and Process of Intreprenurship	Strong-H	Strong-H	-	Strong-H
11					60	CO3	Ecosystem that helps deliver and sustain, maintain brands	Strong-H	Strong-H	Moderate-M	Strong-H
11					60	CO4	Understanding the Entrepreneurial Perspective in Individuals	Strong-H	Strong-H	Strong-H	Strong-H
11					0	CO5		-	-	-	-
11					0	CO6		-	-	-	-
12	SEM I	050341112 - PP	T4005	Integrated Disaster Management	0	CO1		-	-	-	-
12					0	CO2		-	-	-	-
12					0	CO3		-	-	-	-
12					0	CO4		-	-	-	-
12					0	CO5		-	-	-	-
12					0	CO6		-	-	-	-
13	SEM II	050341201 - PP	T2119	Consumer Behaviour and Insights	60	CO1	Develop the insights of consumer buying behavior	Moderate-M	Strong-H	-	Strong-H
13					60	CO2	Analyze the impact of various factors on consumer decision making process	Strong-H	Strong-H	-	Strong-H
13					60	CO3	Examine how consumer behavior affects marketing strategies	Strong-H	Strong-H	Moderate-M	Strong-H
13					0	CO4		-	-	-	-
13					0	CO5		-	-	-	-
13					0	CO6		-	-	-	-
14	SEM II	050341202 - PP	T5072	Brand Ecology	60	CO1	Students will learn Brand Management Principles	Moderate-M	Strong-H	-	Strong-H
14					60	CO2	Linkages to Successful Brand Management	Strong-H	Strong-H	-	Strong-H
14					60	CO3	Ecosystem that helps deliver and sustain, maintain brands	Strong-H	Strong-H	Moderate-M	Strong-H
14					60	CO4	Undersatnd the concept of Brand Equity	Strong-H	Strong-H	Strong-H	Strong-H
14					0	CO5		-	-	-	-
14					0	CO6		-	-	-	-
15	SEM II	050341203 - PP	T2124	Marketing Research	60	CO1	To have an understanding of contemporary applications of marketing research	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO2	To have proficiency in use of advanced statistical tools & techniques	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO3	To interpret & communicate the market research findings	Weak-L	Moderate-M	Strong-H	Moderate-M

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15					60	CO4	To design and implement a market research project in its entirety	Weak-L	Moderate-M	Strong-H	Moderate-M
15					0	CO5		-	-	-	-
15					0	CO6		-	-	-	-
16	SEM II	050341204 - PP	T2139	Digital Marketing	60	CO1	Assess and analyse Internet marketing and further utilize it for marketing communication options	Strong-H	Strong-H	-	-
16					60	CO2	Compare and contrast different tools and techniques available for Digital marketing and suggest in final marketing strategy	Weak-L	Moderate-M	Strong-H	Strong-H
16					60	CO3	Evaluate and prepare digital marketing strategies using latest trends	Strong-H	Strong-H	Strong-H	Strong-H
16					0	CO4		-	-	-	-
16					0	CO5		-	-	-	-
16					0	CO6		-	-	-	-
17	SEM II	050341205 - PP	T2114	Essentials of Marketing Management	60	CO1	Apply the fundamental concepts of marketing to the industry	Strong-H	Strong-H	Weak-L	Strong-H
17					60	CO2	Examine Marketing perspectives essential for all managers today	Strong-H	Strong-H	Moderate-M	Strong-H
17					60	CO3	Analyse the marketing strategies of companies	Strong-H	Strong-H	Weak-L	Strong-H
17					60	CO4	Experiment with out of the box thinking which will help them to develop innovative marketing strategies.	Strong-H	Strong-H	Moderate-M	Strong-H
17					0	CO5		-	-	-	-
17					0	CO6		-	-	-	-
18	SEM II	050341206 - PP	T2127	Integrated Marketing Communication	60	CO1	Identify and explain different approaches to Marketing communication & also how to analyse and apply specific communication tools.	Strong-H	Strong-H	Strong-H	Strong-H
18					60	CO2	Leverage various media options for building brand value and communication strategies	Weak-L	Moderate-M	Strong-H	Moderate-M
18					60	CO3	Compare and choose between the different tools taught under Integrated Marketing Communication	Weak-L	Moderate-M	Strong-H	Moderate-M
18					60	CO4	Examine scenarios and able to select proper budgeting methods for IMC purposes	Moderate-M	Weak-L	Weak-L	Weak-L
18					60	CO5	Compose the strategic and tactical aspects of IMC enabling comprehensive IMC decisions.	Strong-H	Strong-H	Strong-H	Strong-H
18					0	CO6		-	-	-	-
19	SEM II	050341207 - PP	T2225	Research Methodology	60	CO1	Define research and make out the difference between search and research	Moderate-M	Strong-H	-	Strong-H
19					60	CO2	Understand some basic concepts of research and its methodologies	Strong-H	Strong-H	-	Strong-H
19					60	CO3	Identify appropriate research topics	Strong-H	Strong-H	Moderate-M	Strong-H
19					60	CO4	Select and define appropriate research problem and parameters	Strong-H	Strong-H	Strong-H	Strong-H

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19					60	CO5	Describe the characteristic features of common research methods and debate their relative merits.	Strong-H	Strong-H	Moderate-M	Strong-H
19					60	CO6	Conduct research in n appropriate manner	Strong-H	Strong-H	Strong-H	Strong-H
20	SEM II	050341208 - PP	T5107	Corporate Citizenship	60	CO1	To undersatnd The challenge and complexity of implementing corporate citizenship	Strong-H	Strong-H	Moderate-M	Moderate-M
20					60	CO2	To analyse Drivers for corporate citizenship and the corporate response	Moderate-M	Strong-H	Moderate-M	Moderate-M
20					60	CO3	To understand the importance of Social entrepreneurship	Moderate-M	Strong-H	Moderate-M	Moderate-M
20					0	CO4		-	-	-	-
20					0	CO5		-	-	-	-
20					0	CO6		-	-	-	-
21	SEM II	050341209 - PP	T5105	Business Planning for Communication Industries	60	CO1	Identify components for which more research is needed to complete the business plan	Moderate-M	Strong-H	-	Strong-H
21					60	CO2	Learn to Evaluate a business plan how can be an effective management tool	Strong-H	Strong-H	-	Strong-H
21					60	CO3	Analyse and synthesize how a business plan can uncover issues that can impact the project	Strong-H	Strong-H	Moderate-M	Strong-H
21					0	CO4		-	-	-	-
21					0	CO5		-	-	-	-
21					0	CO6		-	-	-	-
22	SEM II	050341210 - PP	T5070	Design Technology and Photography Workshop	60	CO1	To make a Management trainee in Media aware for the Ad Photography Industry	Moderate-M	Strong-H	-	Strong-H
22					60	CO2	To identify what technical and aesthetic challenges students will be facing to accomplish their visual goals in different streams of Media.	Strong-H	Strong-H	-	Strong-H
22					60	CO3	To be able to create a working knowledge of design technology basic tools	Strong-H	Strong-H	Moderate-M	Strong-H
22					0	CO4		-	-	-	-
22					0	CO5		-	-	-	-
22					0	CO6		-	-	-	-
23	SEM II	050341211 - PP	T6007	Business Communication	60	CO1	The course enables a student analyze and appraise the nature and importance of communication within organizations.	Strong-H	Strong-H	Weak-L	Moderate-M
23					60	CO2	The students can identify what communication within organizations signifies, and examine why communication is necessary for managers	Strong-H	Weak-L	Weak-L	Moderate-M
23					60	CO3	It also illustrates different kinds of communication skills required for achievement of organizational goals.	Weak-L	Weak-L	Moderate-M	Strong-H
23					60	CO4	10. The student can outline how to ensure effective communication	Weak-L	Weak-L	Strong-H	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
23					60	CO5	They also learn to identify which communication styles to avoid	-	Strong-H	Weak-L	-
23					0	CO6		-	-	-	-
24	SEM II	050341212 - PP	T6075	Managerial Economics	60	CO1	Will enable the student to apply economic principles in managerial decision problems using economic reasoning.	Strong-H	Strong-H	Strong-H	Strong-H
24					60	CO2	It will help students to discover how firms attempt to reach optimal managerial decisions in the face of constraints	Weak-L	Moderate-M	Strong-H	Moderate-M
24					60	CO3	Will enable the student to understand and interpret business situations and environment, using a quantitative and analytical approach	Weak-L	Moderate-M	Strong-H	Moderate-M
24					0	CO4		-	-	-	-
24					0	CO5		-	-	-	-
24					0	CO6		-	-	-	-
25	SEM III	050341301 - PP	T5087	Retail Marketing Communications	60	CO1	Critically analyse the role and importance of Retail communication in formation of retail business strategy	Strong-H	Strong-H	Strong-H	Strong-H
25					60	CO2	Synthesise relationship between various elements involved in Retail communication	Moderate-M	Strong-H	-	Strong-H
25					60	CO3	Design optimum Retail Marketing strategies for retail business	Strong-H	Strong-H	-	Strong-H
25					60	CO4	Steps in Developing a Retail Promotion Program	Strong-H	Strong-H	Moderate-M	Strong-H
25					0	CO5		-	-	-	-
25					0	CO6		-	-	-	-
26	SEM III	050341302 - PP	T5517	Rural Marketing	60	CO1	To understand the present level of penetration of products and services in Rural Markets and its potential.	Strong-H	Strong-H	Strong-H	Strong-H
26					60	CO2	To familiarize with the changing profile of the rural consumer and at its consumption pattern.	Strong-H	Strong-H	Strong-H	Strong-H
26					60	CO3	To be exposed to the innovative marketing strategies developed by Indian firms as well as MNCs for the Rural Markets.	Strong-H	Strong-H	Moderate-M	Strong-H
26					60	CO4	gain insight on designing product, price, distribution and promotional strategies targeted at Rural Consumers	Strong-H	Strong-H	Moderate-M	Strong-H
26					0	CO5		-	-	-	-
26					0	CO6		-	-	-	-
27	SEM III	050341303 - PP	T5076	Specialised Qualitative Research and Tools	60	CO1	To have an understanding of contemporary applications of marketing research	Strong-H	Moderate-M	Moderate-M	Moderate-M
27					60	CO2	To have proficiency in use of advanced statistical tools & techniques	Moderate-M	Strong-H	Weak-L	Strong-H
27					60	CO3	To interpret & communicate the market research findings	Strong-H	Moderate-M	Weak-L	Weak-L
27					60	CO4	To design and implement a market research project in its entirety	Moderate-M	Strong-H	Moderate-M	Strong-H
27					0	CO5		-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
27					0	CO6		-	-	-	-
28	SEM III	050341304 - PP	T5480	Digital Communication Solutions	60	CO1	Digital communication solutions: types & requirements, understanding & use case appearances.	Strong-H	Strong-H	Moderate-M	Moderate-M
28					60	CO2	Interactive advertising & media strategies, mobile strategy, Web analytics and research	Strong-H	Strong-H	Moderate-M	Moderate-M
28					60	CO3	SEO and SMO, Digital PR, BLB digital strategies	Strong-H	Strong-H	Moderate-M	Moderate-M
28					60	CO4	Understanding Digital Marketing	Strong-H	Strong-H	Moderate-M	Strong-H
28					0	CO5		-	-	-	-
28					0	CO6		-	-	-	-
29	SEM III	050341305 - PP	T2141	Summer Internship	0	CO1		-	-	-	-
29					0	CO2		-	-	-	-
29					0	CO3		-	-	-	-
29					0	CO4		-	-	-	-
29					0	CO5		-	-	-	-
29					0	CO6		-	-	-	-
30	SEM III	050341306 - PP	T2692	Advanced Communication Research Methods	60	CO1	understand key components of a research project/proposal/paper	Strong-H	Strong-H	Weak-L	Weak-L
30					60	CO2	an advanced understanding of research methods and data analysis	Strong-H	Strong-H	Weak-L	Weak-L
30					60	CO3	enhanced research literacy, develop clear, effective research questions	Strong-H	Strong-H	Moderate-M	Weak-L
30					60	CO4	understand and conduct a content analysis	Strong-H	Strong-H	Weak-L	Weak-L
30					60	CO5	understand key descriptive components of quantitative and qualitative research	Strong-H	Strong-H	Weak-L	Weak-L
30					0	CO6		-	-	-	-
31	SEM III	050341307 - PP	T5090	Introduction to Syndicated Database and Analysis with Workshop	60	CO1	Learn about the syndicated research tools available in India and their applications in marketing and media	Strong-H	Strong-H	Moderate-M	Moderate-M
31					60	CO2	Become aware about the new developments in the industry	Moderate-M	Strong-H	Moderate-M	Moderate-M
31					60	CO3	Ability to analyze media research data to extract useful insights	Moderate-M	Strong-H	Moderate-M	Moderate-M
31					0	CO4		-	-	-	-
31					0	CO5		-	-	-	-
31					0	CO6		-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
32	SEM III	050341308 - PP	T5089	Marketing Strategies for Brand Communication	60	CO1	To understand Marketing Strategies in terms of Customised, Computerised framework	Strong-H	Strong-H	Weak-L	Moderate-M
32					60	CO2	To know and understand Generic vs Specific strategies	Strong-H	Weak-L	Weak-L	Moderate-M
32					60	CO3	How is STP classification linked to developing marketing strategies	Weak-L	Weak-L	Moderate-M	Strong-H
32					60	CO4	Learning through Cases of marketing strategy in parts through brand communication	Weak-L	Weak-L	Strong-H	-
32					0	CO5		-	-	-	-
32					0	CO6		-	-	-	-
33	SEM III	050341309 - PP	T5092	Advertising Theory and Strategy	60	CO1	Analysis of various theoretical frameworks for understanding why and how advertising works	Moderate-M	Weak-L	Weak-L	Moderate-M
33					60	CO2	Understanding the role and function of various sociological & psychological factors impacting advertising effectiveness	Moderate-M	Weak-L	Weak-L	Moderate-M
33					60	CO3	Knowledge of the process of developing advertising strategy & planning in line with Brand strategy and plans	Strong-H	Weak-L	Weak-L	Moderate-M
33					60	CO4	Example and case studies of successful and failed ad campaigns (Global and Indian) with relevant learning	Moderate-M	Strong-H	Moderate-M	Moderate-M
33					0	CO5		-	-	-	-
33					0	CO6		-	-	-	-
34	SEM III	050341310 - PP	T5093	Specialised Advertising Research	60	CO1	Need for advertising research, and the steps involved	Strong-H	Strong-H	Strong-H	Strong-H
34					60	CO2	students will learn Diagnostic studies: Defining the communication task	Moderate-M	Strong-H	-	Strong-H
34					60	CO3	approaches to arrive at how to address the identified task	Strong-H	Strong-H	-	Strong-H
34					60	CO4	Pre-Post Dipstick, Dipsticks Without A Pre Check, Continuous tracking	Strong-H	Strong-H	Moderate-M	Strong-H
34					0	CO5		-	-	-	-
34					0	CO6		-	-	-	-
35	SEM III	050341311 - PP	T5614	Managing Creative Enterprises	60	CO1	. Understand how to manage creative enterprises from perspectives of media agencies, advertisers and media houses	Strong-H	Strong-H	Strong-H	Strong-H
35					60	CO2	Building a Creative Culture	Moderate-M	Strong-H	-	Strong-H
35					60	CO3	Best Practices in Management of Creative Organisation	Strong-H	Strong-H	-	Strong-H
35					60	CO4	best practices in their organisation	Moderate-M	Strong-H	-	Strong-H
35					0	CO5		-	-	-	-
35					0	CO6		-	-	-	-
36	SEM III	050341312 - PP	T5615	Campaign Planning	60	CO1	Understand the Process of Campaign Development followed by an Advertising Agency	Strong-H	Strong-H	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
36					60	CO2	Study the elements involved in Network Management during the course of a campaign	Strong-H	Strong-H	Strong-H	Strong-H
36					60	CO3	Understand Basic Documents which are used at different stages of campaign development	Moderate-M	Strong-H	-	Strong-H
36					60	CO4	Creative Presentation, Idea Finalisation& Approval	Strong-H	Strong-H	-	Strong-H
36					0	CO5		-	-	-	-
36					0	CO6		-	-	-	-
37	SEM III	050341313 - PP	T5102	Advanced PR Writing Skills	60	CO1	To learn to write strong public relations copy and documents	Strong-H	Weak-L	Weak-L	Moderate-M
37					60	CO2	hone the ability to communicate effectively and manage relationships	Moderate-M	Moderate-M	Moderate-M	Moderate-M
37					60	CO3	Creating a pitch for an event	Strong-H	Strong-H	Weak-L	Strong-H
37					60	CO4	event proposal, proposal request, approval meetings, the other process, drafting an event proposal	Strong-H	Strong-H	Moderate-M	Strong-H
37					0	CO5		-	-	-	-
37					0	CO6		-	-	-	-
38	SEM III	050341314 - PP	T5003	Event Management	60	CO1	to define the strategy behind a successful event	Strong-H	Strong-H	-	Strong-H
38					60	CO2	to understand that before any thought is given to the timing or location of the event,	Strong-H	Strong-H	-	Strong-H
38					60	CO3	before the menus are selected and the décor designed, there are strategic objectives to be determined,	Strong-H	Strong-H	Moderate-M	Strong-H
38					60	CO4	proposals to be written, fees and contracts to be negotiated, and safety issues to be considered.	Strong-H	Strong-H	Weak-L	Strong-H
38					0	CO5		-	-	-	-
38					0	CO6		-	-	-	-
39	SEM III	050341315 - PP	T5049	Corporate Communication	60	CO1	understand key components of a research project/proposal/paper	Strong-H	Strong-H	Moderate-M	Strong-H
39					60	CO2	an advanced understanding of research methods and data analysis	Strong-H	Strong-H	Weak-L	Strong-H
39					60	CO3	enhanced research literacy, develop clear, effective research questions	Strong-H	Strong-H	Moderate-M	Weak-L
39					60	CO4	understand and conduct a content analysis	Strong-H	Strong-H	Weak-L	Moderate-M
39					0	CO5		-	-	-	-
39					0	CO6		-	-	-	-
40	SEM III	050341316 - PP	T5617	Campaign Planning	60	CO1	Understand the Process of Campaign Development followed by an Advertising Agency	Strong-H	Strong-H	Moderate-M	Strong-H
40					60	CO2	Study the elements involved in Network Management during the course of a campaign	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
40					60	CO3	Understand Basic Documents which are used at different stages of campaign development	Moderate-M	Strong-H	-	Strong-H
40					60	CO4	Creative Presentation, Idea Finalisation& Approval	Strong-H	Strong-H	-	Strong-H
40					0	CO5		-	-	-	-
40					0	CO6		-	-	-	-
41	SEM III	050341317 - PP	T5099	Audio Visual Production Management	60	CO1	comprehension of the industry and its requirements. Film and TV comparative studies.	Strong-H	Moderate-M	Moderate-M	Strong-H
41					60	CO2	Training in management techniques for the industry	-	Moderate-M	-	Strong-H
41					60	CO3	knowledge of subjects above and beyond the obvious- like history of painting	Moderate-M	Strong-H	Moderate-M	Strong-H
41					60	CO4	literature-global perspective.	Moderate-M	Strong-H	Strong-H	Strong-H
41					0	CO5		-	-	-	-
41					0	CO6		-	-	-	-
42	SEM III	050341318 - PP	T5446	Strategic Media Planning	60	CO1	Expose the students to principles of Innovations	Strong-H	Moderate-M	Moderate-M	Strong-H
42					60	CO2	Students will undersatand case studies of Media Innovations across different media	-	Moderate-M	-	Strong-H
42					60	CO3	emphasis on the changing role of the Media Agencies	Moderate-M	Strong-H	Moderate-M	Strong-H
42					60	CO4	Teach the students Digital Media Planning and the role it is currently playing in the Media Industry	Moderate-M	Strong-H	Strong-H	Strong-H
42					0	CO5		-	-	-	-
42					0	CO6		-	-	-	-
43	SEM III	050341319 - PP	T5261	Media Investment Management	60	CO1	How media buying has developed into Media Investment Management	Strong-H	Strong-H	Strong-H	Strong-H
43					60	CO2	How media buying agencies operate	Strong-H	Strong-H	Moderate-M	Moderate-M
43					60	CO3	How large marketing companies look at their media portfolios	Strong-H	Strong-H	Moderate-M	Moderate-M
43					60	CO4	Learn about the negotiation skills required in the business Expose the students to B2C and B2B marketing of media products, how one influences the other	Strong-H	Strong-H	Weak-L	Weak-L
43					0	CO5		-	-	-	-
43					0	CO6		-	-	-	-
44	SEM III	050341320 - PP	T5096	Service Process Management for Agency Businesses	60	CO1	Process Orientation: Tools: Swimlanes, IDEF	Strong-H	Strong-H	Strong-H	Strong-H
44					60	CO2	Build system and Process Linkages	Strong-H	Strong-H	Moderate-M	Strong-H
44					60	CO3	Practices in Media: (Ad,PR,Media)	Strong-H	Strong-H	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
44					60	CO4	Business Measures of process Performances, Service Process Issues and Managing	Strong-H	Strong-H	Moderate-M	Strong-H
44					0	CO5		-	-	-	-
44					0	CO6		-	-	-	-
45	SEM IV	050341401 - PP	T5705	Dissertation	0	CO1		-	-	-	-
45					0	CO2		-	-	-	-
45					0	CO3		-	-	-	-
45					0	CO4		-	-	-	-
45					0	CO5		-	-	-	-
45					0	CO6		-	-	-	-
46	SEM IV	050341402 - PP	T5028	Media Laws, Ethics and Policies	60	CO1	Students will understand The philosophical Foundation of Moral theory	Moderate-M	Strong-H	-	Strong-H
46					60	CO2	Ethical Theories in Moral Reasoning	Strong-H	Strong-H	-	Strong-H
46					60	CO3	Constitutional Provisions on freedom of speech and expression	Strong-H	Strong-H	Moderate-M	Strong-H
46					60	CO4	Truth and Honesty in Media Communications	Strong-H	Strong-H	Strong-H	Strong-H
46					0	CO5		-	-	-	-
46					0	CO6		-	-	-	-
47	SEM IV	050341403 - PP	T5094	Innovative Communication Solutions	60	CO1	To develop a working knowledge of models, theories and explain the world of mass media	Strong-H	Strong-H	Moderate-M	Strong-H
47					60	CO2	Explore and experience the process of theory construction and application	Strong-H	Strong-H	Strong-H	Strong-H
47					60	CO3	To encourage the students to infer and explore relevance of the theories outside of the classroom.	Strong-H	Strong-H	-	Strong-H
47					60	CO4	Expand familiarity with mass communication theory, in range, depth, and scope, evaluate and critique it via assignment	Strong-H	Strong-H	Strong-H	Strong-H
47					0	CO5		-	-	-	-
47					0	CO6		-	-	-	-
48	SEM IV	050341404 - PP	T5109	Communication Design and Evaluation	60	CO1	To understand the origins of Communication Design and the subject of Graphic Design	Strong-H	Weak-L	Weak-L	Moderate-M
48					60	CO2	To appreciate the value of Communication Design in the world and in India	Moderate-M	Moderate-M	Moderate-M	Moderate-M
48					60	CO3	To be able to practically use or provide direction to Graphic Design in print/tv/film media in Advertising and Marketing Communication	Strong-H	Strong-H	Weak-L	Strong-H
48					60	CO4	Account planning, Ad strategy and theory, visual literacy	Strong-H	Strong-H	Moderate-M	Strong-H

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48					0	CO5		-	-	-	-
48					0	CO6		-	-	-	-
49	SEM IV	050341405 - PP	T5125	Account Planning Models & Practices	60	CO1	Understand the Role of Account Planning in Brand Building & Advertising Development	Strong-H	Strong-H	Weak-L	Weak-L
49					60	CO2	Gain an overview of the Account Planning Cycle followed in the course of Campaign Development	Strong-H	Strong-H	Moderate-M	Weak-L
49					60	CO3	Understand the basics of Planning Tools used by various Advertising Agencies	Strong-H	Strong-H	Weak-L	Weak-L
49					60	CO4	Account planning department in Media Houses	Strong-H	Strong-H	Moderate-M	Weak-L
50	SEM IV	050341406 - PP	T5619	Managing Public Affairs and PR Agencies	60	CO1	Understand public affairs, its evolution and current practice	Strong-H	Strong-H	Weak-L	Strong-H
50					60	CO2	Visualize where public affairs fit in an organization; how it should be used by management; how it can add value; how its value can be measured	Strong-H	Strong-H	Moderate-M	Strong-H
50					60	CO3	Familiarize government relations, and in particular business-government relations, as well as issue management, crisis management, and reputation management as sub-functions of public affairs.	Strong-H	Strong-H	Weak-L	Weak-L
50					60	CO4	Examine the role of public affairs in the public sector and non-governmental organizations	Strong-H	Strong-H	Moderate-M	Moderate-M
50					0	CO5		-	-	-	-
50					0	CO6		-	-	-	-
51	SEM IV	050341407 - PP	T5108	Specialized PR Research	60	CO1	Explore similarities and differences in the management of public affairs in different countries	Strong-H	Strong-H	Strong-H	Strong-H
51					60	CO2	Make the case for public affairs as a leadership/management function.	Strong-H	Strong-H	Moderate-M	Moderate-M
51					60	CO3	Understand research techniques, tools, methodology and measurement process practiced by PR Agencies,	Strong-H	Strong-H	Moderate-M	Moderate-M
51					60	CO4	Corporate and Research Agencies in their research group/cell in PR space	Strong-H	Strong-H	Weak-L	Weak-L
51					0	CO5		-	-	-	-
51					0	CO6		-	-	-	-
52	SEM IV	050341408 - PP	T5103	Strategic PR and Reputation Management	60	CO1	The relationship between PR and reputation management	Strong-H	Moderate-M	Weak-L	Strong-H
52					60	CO2	The basics of strategic thinking: strategic analysis, choice and implementation and evaluation	Strong-H	Moderate-M	Weak-L	Strong-H
52					60	CO3	The importance of risk analysis and management for corporate reputation	Moderate-M	Moderate-M	Weak-L	Strong-H
52					60	CO4	Reputation management as the collective evaluation and assessment	Moderate-M	Moderate-M	Weak-L	Strong-H

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52					60	CO5	Risk and issues and strategic development in reputation management	Moderate-M	Moderate-M	Weak-L	Strong-H
52					0	CO6		-	-	-	-
53	SEM IV	050341409 - PP	T5115	Advanced Strategic Management	60	CO1	To help students interpret advanced issues in strategic management and make decisions to create competitive advantage for organizations	Strong-H	Strong-H	Moderate-M	Moderate-M
53					60	CO2	Students should be able to evaluate the existing market conditions and make decisions related to the use of 'strategy as stretch'	Strong-H	Strong-H	Weak-L	Weak-L
53					60	CO3	Students should be able to interpret market situations and decide upon a suitable strategy after taking into account the growth, maturity and fragmentation prevalent in the market	Strong-H	Strong-H	Moderate-M	Weak-L
53					60	CO4	Students should be able to evaluate the implementation of strategy and make a choice of suitable tools for strategy implementation	Strong-H	Strong-H	Weak-L	Weak-L
53					60	CO5	Students should be able to take decisions related to the use of innovation to drive competitive advantage for the firm	Strong-H	Strong-H	Moderate-M	Weak-L
53					0	CO6		-	-	-	-
54	SEM IV	050341410 - PP	T5052	Managing Media Business	60	CO1	Study strategies for building media brands based on Indian case studies	Strong-H	Strong-H	Moderate-M	Weak-L
54					60	CO2	To look at global examples/ case studies of strategic implementations by media industry	Strong-H	Strong-H	Weak-L	Weak-L
54					60	CO3	To look at global examples/ case studies of strategic implementations by media industry	Strong-H	Strong-H	Moderate-M	Weak-L
54					60	CO4	Understand Media Industry, Business Fundamentals	Strong-H	Moderate-M	Weak-L	Strong-H
54					0	CO5		-	-	-	-
54					0	CO6		-	-	-	-
55	SEM IV	050341411 - PP	T5098	Business Model for Digital Future	60	CO1	To understand revenue models and digital solutions possibilities in future	Strong-H	Moderate-M	Weak-L	Strong-H
55					60	CO2	enablement possibility by digitisation	Strong-H	Weak-L	Weak-L	Moderate-M
55					60	CO3	digital organisation - Talent based and geo based	Moderate-M	Moderate-M	Moderate-M	Moderate-M
55					60	CO4	digital solutions of the future	Strong-H	Strong-H	Weak-L	Strong-H
55					0	CO5		-	-	-	-
55					0	CO6		-	-	-	-
56	SEM IV	050341412 - PP	T5608	Advance Media Planning and Media Innovation	60	CO1	Expose the students to principles of Innovations	Strong-H	Strong-H	Moderate-M	Strong-H
56					60	CO2	Show case studies of Media Innovations across different media with emphasis on the changing role of the Media Agencies	Strong-H	Strong-H	Weak-L	Strong-H
56					60	CO3	Teach the students Digital Media Planning and the role it is currently playing in the Media Industry	Strong-H	Strong-H	Moderate-M	Strong-H
56					60	CO4	Digital Media, Digital Media Research, Planning and Evaluation	Strong-H	Strong-H	Weak-L	Weak-L

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56					0	CO5		-	-	-	-
56					0	CO6		-	-	-	-
57	SEM IV	050341413 - PP	T2446	Brand Valuation and Return on Marketing Investments (ROMI)	60	CO1	Understanding and Knowledge Understand and identify processes pertaining to brand building and appreciating brands and their importance	Strong-H	Strong-H	Moderate-M	Moderate-M
57					60	CO2	Cognitive skills Comprehension and analysis of brand and return on marketing investments across frameworks	Strong-H	Strong-H	Strong-H	Strong-H
57					60	CO3	Practical and Professional skills Develop, design and devise brand valuation processes	Strong-H	Strong-H	Moderate-M	Moderate-M
57					60	CO4	Key skills Communicate effectively through written reports and presentations.	Strong-H	Strong-H	Moderate-M	Moderate-M
57					0	CO5		-	-	-	-
57					0	CO6		-	-	-	-

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Plan and execute the creation of photographic imagery following an iterative process of research, ideation, visualization, analysis, production and evaluation.
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Analyse and complement textual content in photographic assignments.
3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	Select the photographic format and process most appropriate to the goals of the project.
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	Use a variety of technologies and processes to capture, manipulate, output, and manage photographic images.
5	GA1	Scholarship: research, inquiry and lifelong learning	PO5	Incorporate the knowledge of photography theories, principles and historical practices into the conceptualization and development of effective photographs.
6	GA3	Eco-literate: sensitivity towards a sustainable environment	PO6	Develop visual communication concepts appropriate for specific purposes and audiences (e.g. education/ information, different socio-economic consumer groups).
7	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO7	: Create imagery which meets the requirements of different media (e.g. print sequential and interactive media) and cross media applications.
8	GA2	Global citizenship: ethical, social and professional understanding	PO8	Integrate pictorial visual concepts with design parameters intended for a variety of social/cultural contexts (e.g. retail displays, galleries).
9	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO9	Produce photographic images which reflect critical understanding of contemporary visual culture (e.g. visual communications media, the built environment).
10	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO10	Exhibit effective leadership skills when working in multidisciplinary teams.

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1	SEM III	050522301 - PP	T5036	Art Design	60	CO1	Recognise visual cues, in order to understand how visuals are composed and read.	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-
1					60	CO2	Acquiring designing software skills.	-	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-
1					60	CO3	Cultivate visual communication concepts for specific clientele.	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
9					60	CO2	To develop an individual style while inter-linking multiple images within the varied dimensions of a given topic.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	
9					60	CO3	To comprehend the ethical guidelines while approaching subjects, capturing images with minimalistic interference in unfriendly natural settings.	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-
9					60	CO4	To produce strong storytelling images that communicate a message.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	-	
9					60	CO5	How to intern/get associated with leading publications.	-	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	-	
10	SEM V	050522501 - PP	T5805	Professional Fine Art Photography	60	CO1	Understanding of the "Index" in Photography.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
10					60	CO2	Process learning of Co-relation of mediums.	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
10					60	CO3	Ideology development of Individual style in theory.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	
10					60	CO4	Understanding of technicality and esthetic learning in Contemporary Photography.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	
10					60	CO5	Co relating of Individual work towards the industry.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	
11	SEM V	050522501 - PP	T5805	Commercial Industrial Photography	60	CO1	Understanding pre-visit before final Photography.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
11					60	CO2	Understanding Co-relation of different light source.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
11					60	CO3	Development of Individual style in the shooting.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
11					60	CO4	Understanding of the technical part of editing.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
11					60	CO5	Co relating of Individual work towards the industry.	Strong-H	Strong-H	-	-	-	-	-	-	-	-
12	SEM V	050522502 - PP	T5805	Commercial Architectural Photography	60	CO1	In-Depth understanding of history Architecture.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
12					60	CO2	Basic understanding of Modern and Old Architecture.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
12					60	CO3	Appropriate use of Camera and Studio equipment.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
12					60	CO4	Understanding of different light sources and applications.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
12					60	CO5	Co relating of Individual work towards the industry.	Strong-H	-	-	-	-	-	-	-	-	-
13	SEM V	050522502 - PP	T5805	Commercial Fashion & Glamour Photography	60	CO1	Historical understanding of Fashion photography.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
13					60	CO2	Realization of postmdran Fashion photography.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
13					60	CO3	Understanding of body types, clothes, and suitable clothing.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
13					60	CO4	Understanding of fashion culture and styling.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
13					60	CO5	Understanding of technicality and esthetics learning in Fashion Photography.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
14	SEM V	050522502 - PP	T5805	Commercial People & Portrait Photography	60	CO1	Learning from the Master Photographers work and style.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M

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14					60	CO2	Understanding of People and Portrait Photography basics and its scope	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
14					60	CO3	Understanding the environment , culture, timings for the best output.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
14					60	CO4	Learning communication with the subject.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
14					60	CO5	Techniques and developing own style.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
15	SEM V	050522503 - PP	T5721	Professional Automobile Photography	60	CO1	Understanding and importance of locations.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15					60	CO2	Lighting accessories and Defusing material.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15					60	CO3	Understanding shapes and product material.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15					60	CO4	Mixing images with editing software.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO5	Co relating of Individual work towards the industry.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
16	SEM V	050522503 - PP	T5721	Professional Videography	60	CO1	Distinguish and describe the effects of important simultaneous elements of Visual Narratives.	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
16					60	CO2	Understand short and feature-length film structures and identify devices employed to keep Visual plot moving.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	-	Weak-L	Moderate-M	Moderate-M	Moderate-M
16					60	CO3	Visualize a concept, collaborate effectively to meet deadlines, and assume the responsibilities of roles such as Director and cameraman.	-	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	-	-	-

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16					60	CO4	Operate and understand the DSLR camera.	-	-	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
16					60	CO5	Use Final Cur Pro X and Adobe Premier.	-	-	-	-	-	Strong-H	-	Strong-H	Strong-H	Strong-H
17	SEM V	050522503 - PP	T5721	Commercial Table Top & Food Photography	60	CO1	Understanding of Basic Shapes in Product.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
17					60	CO2	Implying Lighting Techniques.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
17					60	CO3	Understanding the relation between two different light sources.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
17					60	CO4	Understanding while shooting how to maintain the freshness of food.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
17					60	CO5	Co relating of Individual work towards the industry.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
18	SEM V	050522504 - PP	T6382	Innovative Image Development	60	CO1	Understanding the relation between analog and digital photography	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
18					60	CO2	Implementing digital darkroom	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
18					60	CO3	Understanding Autonomies photography culture and AI	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
18					60	CO4	Understanding camera-less images	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
19	SEM V	050522505 - PP	T5802	Creative Colour Concepts	60	CO1	Understanding of visual perception of color	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-	-
19					60	CO2	Implying laws and rules of color harmony	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	-	-
19					60	CO3	Understanding the relation between colors	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-

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20	SEM V	050522506 - PP	T5217	Curation and Review	60	CO1	Demonstrate an understanding of the broader cultural, socio-economic contexts within which curation functions	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-
20					60	CO2	Understand the interrelationship between the history of curation and professional curatorial practices	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	-	-	-	-	-
20					60	CO3	Strengthen the practical skills to develop exhibitions and projects	-	Weak-L	Moderate-M	Strong-H	Strong-H	-	-	-	-	-
20					60	CO4	Application of critical analysis to deconstruct visuals and develop the language to discuss them.	-	Weak-L	Moderate-M	Strong-H	Strong-H	-	-	-	-	-
20					60	CO5	Reflect constructively upon topics being learning, and make effective use of feedback received	-	Weak-L	Moderate-M	Strong-H	Strong-H	-	-	-	-	-
21	SEM II	050522201 - PP	T8000	Service Learning	60	CO1	Understanding various function of NGO	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	-	-
21					60	CO2	Understand an educational approach that combines learning objectives with community service in order to provide a pragmatic	-	-	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	-	-
21					60	CO3	progressive learning experience while meeting societal needs.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
21					60	CO4	Involves students in service projects to apply classroom learning for local agencies that exist to effect positive change in the community	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	-	-

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24					60	CO3	Understand the role of media in shaping perceptions and development of culture & identity.	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-
24					60	CO4	Critical appreciation of media performance and content from a varied perspectives	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-
24					60	CO5	Engage in generative artistic processes, including conception, creation and ongoing critical analysis.	-	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-
25	SEM II	050522205 - PP	T5713	Fundamentals of Set Design	60	CO1	Understand Set Designs theme and its parameters.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	-	-
25					60	CO2	Creative demonstration of the design and fabrication of 3D structure of Set Design.	-	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	-	-
25					60	CO3	Analyse various types of display like stores, fixtures, window and merchandise displays, museums, trade shows etc. Exhibition Display.	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	-	-	-
25					60	CO4	Effective organization of human, assets, and time management.	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	-	-	-
25					60	CO5	Effective presentation skills and learn to work in team.	-	-	-	Strong-H	Strong-H	-	Moderate-M	-	-	-
26	SEM II	050522206 - PP	T5714	Undersatnding Studio Light	60	CO1	To demonstrate how lighting forms and affects the final image.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-
26					60	CO2	To identify the various specializations in commercial photography and distinguish their specific requirements.	Moderate-M	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-

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26					60	CO3	To explore the latest digital advancements in lighting for professional photography and incorporate them in images produced.	Strong-H	-	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-
26					60	CO4	The ability to use DSLR and medium digital format cameras in the studio and on location with strobe lighting.	Strong-H	-	Weak-L	Moderate-M	Strong-H	-	-	-	-	-
26					60	CO5	The knowledge of how to produce a range of light qualities and ratio by balancing nature light to strobe equipment on location and in the studio.	Strong-H	-	Weak-L	Moderate-M	Strong-H	-	-	-	-	-
27	SEM II	050522207 - PP	T5723	Basic Art and Visualisation	60	CO1	Understanding various function of design elements.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	-	-
27					60	CO2	Application of photographic design principles.	-	-	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	-	-
27					60	CO3	Understanding the art of seeing in photography.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-
27					60	CO4	Learning the art of communication through photography.	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	-	-
27					60	CO5	Effective presentation skills and learn to work in team.	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	-	-
28	SEM II	050522208 - PP	T2494	Global Environmental Challenges	60	CO1	To enable student understand various types of disasters, regarding the globalization	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-
28					60	CO2	To instill knowledge on reducing global warming and capacity building through community participation	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-	-	-	-	-

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28					60	CO3	To train students to for global environmental challenges	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-
29	SEM I	050522101 - PP	T5703	Photography Essentials	60	CO1	Demonstrate the basic functions of a Digital Camera	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
29					60	CO2	Apply appropriate Digital Darkroom tools	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
29					60	CO3	Build Critical thinking and problem solving skills	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
29					60	CO4	Identify and Illustrate formal art principles of Image composition and Design	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L
29					60	CO5	Discuss and Defend their work Verbally and Give constructive feedback to other groups	-	-	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Strong-H	Strong-H
30	SEM I	050522102 - PP	T5702	History of Arts and Photography	60	CO1	Incorporate the knowledge of photography theories, principles, and historical practices.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-
30					60	CO2	Analyse and complement textual content in photographic as Art.	-	-	-	-	-	Strong-H	Weak-L	Strong-H	-	-
30					60	CO3	Use ancient technologies and processes to capture, manipulate, and manage photographic images.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	-	-
30					60	CO4	Produce photographic images which reflect ancient culture.	-	-	-	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	-	-
30					60	CO5	Exhibit effective communication and presentation skills when working in teams.	Weak-L	Weak-L	Weak-L	Weak-L	-	Strong-H	Weak-L	Strong-H	-	-

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31	SEM I	050522103 - PP	T5705	Visual Literacy	60	CO1	Describe, interpret and analyze visuals and visual culture	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	
31					60	CO2	Recognize visual cues, in order to understand how visuals are composed and read.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
31					60	CO3	Understand and create visual and multimedia compositions, applying theories of cultural and visual studies.	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
31					60	CO4	Application of critical analysis to deconstruct visuals and develop the language to discuss them.	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
31					60	CO5	Engage in generative artistic processes, including conception, creation and ongoing critical analysis.	-	-	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	
32	SEM I	050522104 - PP	T5706	Dark Room Processes	60	CO1	Basic understanding of Dark room Black and white film processing and printing	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
32					60	CO2	In-Depth Understanding of the history of black and white photography	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	
32					60	CO3	Making camera-less images / Understanding pinhole.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
33	SEM I	050522105 - PP	T5707	Understanding Light	60	CO1	Learn to observe light & its behavior with respect to time, location & medium it interacts.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	
33					60	CO2	Harness the power of light to create compelling imagery	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	

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33					60	CO3	How to use different parameters in camera to work in various lighting situations.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-
34	SEM I	050522106 - PP	T5708	Introduction to Communication Skills	60	CO1	Students will learn the three pillars of reading, writing and speaking/presenting.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-
34					60	CO2	Students will demonstrate competency in critical thinking skills related to the analysis, interpretation, and criticism of messages	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-
34					60	CO3	Students will demonstrate an understanding of the importance of free expression and the responsibilities it entails.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-
34					60	CO4	Students will demonstrate competency in communication skills related to production and presentation of messages in multiple formats	-	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	-
34					60	CO5	Students will learn professional etiquette in a participatory environment	-	-	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	-
35	SEM I	050522107 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-
35					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-	-	-	-	-
35					60	CO3	To train students to perform First aid and CPR in an emergency.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-

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36	SEM IV	050522401 - PP	F0003	Automobile (Car and Bike) Photography	60	CO1	Understanding of the importance of location selection.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
36					60	CO2	Automobile Location shoot with HMI lights and daylight	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
36					60	CO3	Study of aerodynamic shapes of the car	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
36					60	CO4	Post-production for automobile	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
37	SEM IV	050522402 - PP	T5704	Factory and Corporate Photography	60	CO1	Importance of Visit to shooting site before the final shoot	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
37					60	CO2	Understanding lighting and according to that mixing another	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
37					60	CO3	Use of variety of technology and equipments	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
37					60	CO4	Professional behaviors and attitude	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
38	SEM IV	050522403 - PP	T5718	Digital Printing	60	CO1	Understanding proper material and type	Moderate-M	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-
38					60	CO2	Technical learning of different printers	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-	-	-	-	-
38					60	CO3	Understanding Printing formats	Strong-H	Strong-H	Moderate-M	Strong-H	-	-	-	-	-	-
39	SEM IV	050522404 - PP	T5720	Designing Software and Exhibition Displays	60	CO1	Recognise visual cues, in order to understand how visuals are composed and read.	Strong-H	-	Weak-L	Weak-L	-	-	-	-	-	-
39					60	CO2	Acquiring designing software skills.	Weak-L	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-
39					60	CO3	Cultivate visual communication concepts for specific clientele.	Weak-L	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-

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39					60	CO4	Analyze various types of displays like stores, fixtures, window and merchandise displays, museums, trade shows, etc. Exhibition Display	Moderate-M	Weak-L	Strong-H	Moderate-M	-	-	-	-	-	-
39					60	CO5	Effective presentation skills and learn to work in team.	Moderate-M	Strong-H	Moderate-M	Strong-H	-	-	-	-	-	-
40	SEM IV	050522405 - PP	T6483	Application of Live View DSLR	60	CO1	Distinguish and describe the effects of important simultaneous elements of Visual Narratives	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	-	-	-
40					60	CO2	Understand short and feature-length film structures and identify devices employed to keep Visual plot moving	-	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	-	-	-
40					60	CO3	Visualize a concept, collaborate effectively to meet deadlines and assume the responsibilities of roles such as Director and cameraman.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	-	-	-
40					60	CO4	Operate and understand DSLR camera	Weak-L	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	-	-
40					60	CO5	Use Final Cur Pro X and Adobe Premier	-	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	-	-	-
41	SEM IV	050522406 - PP	T6492	Photo Appreciation and Archiving	60	CO1	Introduction to key concepts of art appreciation and photography.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
41					60	CO2	Expose students to different kinds of art forms and promote a culture of reflection and critical thinking.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
41					60	CO3	Encourage students to critically evaluate and apply these concepts to relevant examples and practices.	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
41					60	CO4	Demonstrate their understanding of theories through their creative practice and introduce students to archiving forms and practices.	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	-
41					60	CO5	Develop research, academic writing and public speaking skills.	-	-	-	-	-	Strong-H	Strong-H	Strong-H	Strong-H	-
42	SEM IV	050522407 - PP	T2339	Introduction to Culture and India	60	CO1	Understand culture-related visual symbols & meanings	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-
42					60	CO2	Visual cultural perspectives on gender stereotypes, religion, tribes, education, media	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-
42					60	CO3	Advanced styles of studio lighting	-	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-
42					60	CO4	Advanced styles of combining natural & studio lighting	-	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	-
42					60	CO5	Get a holistic view of Indian culture	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	-	-
43	SEM IV	050522408 - PP	F0002	Creative Writing	60	CO1	Demonstrate an understanding of key issues concerning the role of creativity and literature.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-
43					60	CO2	Expose students to different kinds of art forms and promote a culture of reflection and critical thinking.	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	-	-	-
43					60	CO3	Encourage students to critically evaluate and apply these concepts to relevant examples and practices.	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	-	-	-	-
43					60	CO4	Demonstrate their understanding of theories through their creative practice.	-	-	Moderate-M	Strong-H	Strong-H	Strong-H	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
43					60	CO5	Develop research, academic writing and public speaking skills.	-	-	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-	-
44	SEM IV	050522409 - PP	T5717	Project-Art Design	60	CO1	Understanding the importance of Design as an aesthetic element & requirement	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	-
44					60	CO2	Role of Design in image-making	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	-	-
44					60	CO3	Learning to create design with respect to the project	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-
44					60	CO4	Developing the technique	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	-
45	SEM VI	050522601 - PP	T5905	Application of Creative Imaging	60	CO1	Understanding the relation between analog and digital photography	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-
45					60	CO2	Implementing digital darkroom	Moderate-M	Strong-H	Moderate-M	Strong-H	-	-	-	-	-	-
45					60	CO3	Understanding Autonomies photography culture and AI	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-	-	-	-	-
45					60	CO4	Understanding camera-less images	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-
46	SEM VI	050522602 - PP	T3250	Internship	60	CO1	The work experience offered by an employer or Photographer to give students exposure to the working environment, often within a specific industry, which relates to their field of study.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
46					60	CO2	To give On-the-job' experience as valuable as anything learned in your studies.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
46					60	CO3	To give great opportunities to speak directly to people who have experience in the role you aspire to; and their knowledge of the job	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
46					60	CO4	Working environment will give you a greater understanding of what it's all about and what you need to do to progress.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
47	SEM VI	050522603 - PP	F0003	Portfolio Making	60	CO1	To demonstrate how the final image will be	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
47					60	CO2	To identify the various specializations in commercial photography and distinguish their specific requirements.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
47					60	CO3	To explore the latest advancements in lighting for professional photography and incorporate them in images produced.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
47					60	CO4	The ability to use DSLR and medium digital format cameras in the studio and on location with strobe lighting.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
47					60	CO5	The knowledge of how to produce a range of light qualities and ratio by balancing nature light to strobe equipment on location and in the studio.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
48	SEM VI	050522604 - PP	T5722	Photography Promotion	60	CO1	Different types of photography markets	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
48					60	CO2	Working pattern of advertising agencies.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-
48					60	CO3	Impact of own Website	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-
48					60	CO4	Communication skills and Marketing strategies	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-
49	SEM VI	050522605 - PP	T5216	Learning and Creating Exhibition Display	60	CO1	Understanding Global Exhibition Display Practices	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	-	-	Strong-H	-
49					60	CO2	Exhibition Concept Development	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-
49					60	CO3	Learning right Processing & Pringing basics	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-
49					60	CO4	Display	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	-	-	-	-
49					60	CO5	Promotion & Publicity basics	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	-	-	-	-

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	To enable the students to identify issues related to the economy, business, public policy and society
2	GA2	Global citizenship: ethical, social and professional understanding	PO2	To rigorously train the students to objectively and critically assimilate and examine information pertaining to the core , interdisciplinary and applied learnings
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	To develop analytical and quantitative abilities and problem-solving aptitude through academics
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	To encourage students to undertake research oriented activities motivated through holistic learning outcomes
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	To build human capital by honing transferable skills for advanced career pursuits

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
1	SEM I	060222101 - PP	T2484	Core Environmental Studies	60	CO1	To understand the concept and importance of renewable and non renewable natural resources	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L
1					60	CO2	To learn the structure and functions of ecosystem, biodiversity and its conservation	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L
1					60	CO3	To analyse the causes of environmental pollution and their possible solutions	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L
1					60	CO4	To make the students aware about the concepts of Human rights, women and child welfare and population explosion	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L
1					60	CO5	To encourage the students to assess environmental issues and eco system through field visit and local groups	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L
2	SEM I	060222102 - PP	T2534	Foundation of Mathematics	60	CO1	To comprehend basic concepts in mathematics	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H
2					60	CO2	To comprehend the application of mathematics in social sciences	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H
3	SEM I	060222103 - PP	T2203	Statistics for Economics I	60	CO1	To empower students with various statistical concepts in order to use them in economics.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
3					60	CO2	To assess numbers and data consciously and able to suggest the ways for its analysis	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
3					60	CO3	Use statistical concepts like index numbers , regression and correlation to understand the similar concepts in economics	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
3					60	CO4	To establish a strong foundation of subject in order to learn its more abstract and version in next semester	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
4	SEM I	060222104 - PP	T6651	Macroeconomics I	60	CO1	To provide a dynamic knowledge of Macroeconomics	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M
4					60	CO2	To visualize and analyze Macroeconomic problems faced by economies	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
4					60	CO3	To look at the practical applications of the learnings	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M
5	SEM I	060222105 - PP	T6654	Microeconomics I	60	CO1	To understand the basic terms and concepts of Microeconomics	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
5					60	CO2	To understand the consumer preference and choice pattern and application of the same in real world scenario.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
5					60	CO3	To understand the producer behaviour with an objective of profit maximisation and cost minimisation and application of the same in real world scenario.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
6	SEM I	060222106 - PP	T6663	Indian Economy I	60	CO1	To provide an overview of the Indian Economy and further to make the students understand the latest trends in growth and development	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L
6					60	CO2	To brief students about the type of resources that are owned by India, problems faced by various sectors, how to make judicious use of resources and encourage a shift towards renewable energy resources	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L
6					60	CO3	To study the demographic trends in the country, pattern, problems and policies of urbanization and to educate students about problems and measurement of poverty and unemployment	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
6					60	CO4	To make the students aware about the process of planning and current planning structure used in the country	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M
6					60	CO5	To provide knowledge of the social infrastructure with its problem and how it has evolved over time	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H
7	SEM II	060222201 - PP	T2204	Statistics for Economics II	60	CO1	Students should get the awareness about the various sampling techniques with its application for their dissertation or research paper	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
7					60	CO2	They should implement the role of estimation in data analysis through various types of examples solving	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
7					60	CO3	They will be confident about various probability distributions with their applications in mathematical economics	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M
7					60	CO4	They can use the statistical analysis and forecasting techniques for their practical use in their economics related subjects	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
7					60	CO5	They will get the awareness about multi -variable models and will be able to analyze the bi-variate data and its applications.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
8	SEM II	060222202 - PP	T6129	Indian Economy II	60	CO1	To understand the evolution, progress, growth and problems of Public and Private sectors and the various economic reforms undertaken in the country	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
8					60	CO2	To understand the evolution, progress, growth and problems of various sectors like agriculture, industries and service sectors in India and understanding their linkages with global economic policies	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L
8					60	CO3	To throw light on the types and importance of foreign aid , capital in the development of a country along with its limitation	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L
8					60	CO4	To analyse the changes in Indias FTP, BOP,exchange rate policy,phases and limitations of each	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M
8					60	CO5	To encourage students to take interest in current economic developments in the country such as GST and other political economic policies	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M
9	SEM II	060222203 - PP	T6346	Mathematical Economics I	60	CO1	To be able to design and interpret mathematical models of Microeconomic theories of the household, the firm and markets.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M
9					60	CO2	To be able to analyze mathematical models of macroeconomic theories of consumption and investment.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M
9					60	CO3	To be able to apply mathematical techniques of optimization and linear algebra.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
9					60	CO4	The student will be able to formulate and solve the two-industry and three- industry models of input-output analysis.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
10	SEM II	060222204 - PP	T6652	Macroeconomics II	50	CO1	The students can relate and sketch the major Macroeconomic issues faced by the world economies.	Strong-H	Weak-L	Moderate-M	-	-
10					45	CO2	Critical analysis of the macroeconomic happenings all around.	Strong-H	Strong-H	Moderate-M	-	-
10					45	CO3	Students get the understanding of why economies work or fail, how in past they have been bailed out of serious economic drops through macroeconomic reorientation and planning.	Strong-H	Moderate-M	Strong-H	-	-
11	SEM II	060222205 - PP	T6655	Microeconomics II	80	CO1	to learn the basic concepts	Moderate-M	Strong-H	-	-	-
11					70	CO2	to understand the basic theories	Strong-H	Moderate-M	-	-	-
11					60	CO3	to use the concepts to understand practical situations	-	-	Strong-H	Moderate-M	-
11					60	CO4	to apply the knowledge of Microeconomics in day to day life	-	Strong-H	-	-	Moderate-M
12	SEM II	060222206 - PP	T2111	Business Accounting	60	CO1	Understanding the terms and terminologies used in finance such as capital, assets, liabilities, cash and credit transactions, profit/ loss etc. Introduction to book keeping and accountancy. Its objectives and utility. Understanding the double entry system of booking	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
12					60	CO2	Accounting concepts and principles used in maintaining the books of accounts. Such as Going concern concept, Accrual concept, materiality, prudence, cost concept,etc	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
12					60	CO3	Understanding the different books of accounts such as Journal, ledgers, trial balance and financial statements of the companies. How to maintain all these books and the process of accounting through them. Introduction to International financial reporting standards	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
12					60	CO4	Introduction to financial statements of Companies as per Schedule III of the Companies Act, 2013.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
12					60	CO5	Ratio analysis: One of the tools used for analysis of financial statements	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
13	SEM III	060222301 - PP	T6141	Development Economics	60	CO1	To understand the concept of development and the various components of development that economists typically study, including economic growth, income inequality, poverty, sustainable development	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
13					60	CO2	To understand why some countries are poor, the causes and possible solutions and to pave the way for future sustainable development of economies	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
13					60	CO3	To understand the process of development by evaluating and assessing the work of development economists of the past	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
13					60	CO4	By combining economic models and case studies we draw lessons regarding what approaches have worked to alleviate poverty.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
13					60	CO5	To understand and relate the recent development approaches and link it with policy making	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
14	SEM III	060222302 - PP	T6134	Theory and Application of Public Finance	60	CO1	To make students understand the role of the government and how it achieves efficiency and equity in the economy so that they can objectively analyse public policy.	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
14					60	CO2	To identify and compare impact of government expenditure, regulations, taxes, and borrowing on incentives to work, spend income, save and invest.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
14					60	CO3	To help students discriminate between theory and practice.	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M
14					60	CO4	To increase student's analytical abilities in order to enable them to examine different government policies for allocation, distribution and stabilization of the economy	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
15	SEM III	060222303 - PP	T1135	Law and Economics Theory	60	CO1	To make students understand the legal Policies & legislations	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO2	To enable analytical and critical learning of law along with its impact over economy .	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15					60	CO3	To appreciate the relationship between Law & Economics.	-	Moderate-M	Moderate-M	Weak-L	Moderate-M
16	SEM III	060222304 - PP	T6276	Public Administration and Policy	60	CO1	gain knowledge about main theories, concepts and themes in relation to public policy and administration	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO2	know the institutions and their functions and the implications of public-private partnerships	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
16					60	CO3	compare and contrast various administrative skills and techniques for public systems management	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO4	evaluate contemporary issues in public administration	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO5	develop an understanding of the processes of policy formation and administration, and analyze the policy implementation critically	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
17	SEM III	060222305 - PP	T6135	Introductory Econometrics	60	CO1	to apply basic econometric theory	Strong-H	-	-	-	Strong-H
17					60	CO2	to understanding of the nature of statistical inference	-	-	Strong-H	-	-
17					60	CO3	to demonstrate some practical computing skills and interpret the results of methods applied	-	Strong-H	Moderate-M	-	-
17					60	CO4	to use methods of inference to practical problems	-	-	-	Strong-H	Strong-H
18	SEM III	060222306 - PP	T6904	Internship with NGO	60	CO1	To sensitize the students towards society and learn new skills	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
18					60	CO2	To inculcate the sense of responsibility towards various socio-economics issues of the society	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
18					60	CO3	To understand commit and contribute towards the betterment of the social and developmental issues	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
19	SEM III	060222307 - PP	T6347	Mathematical Economics II	60	CO1	Student will be able to have good insight to the mathematics of optimization	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
19					60	CO2	Student will be able to use different optimization methods, such as profit maximization and cost minimization,	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
19					60	CO3	Student will be able to interpret concepts such as duality and the envelope theorem.	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
19					60	CO4	Student will be able to use different functions, such as the indirect utility function, the expenditure function and the cost function.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
19					60	CO5	Student will be able to use eigenvalues, eigenvectors to solve practical and theoretical problems about recurrence.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
20	SEM III	060222308 - PP	T6277	Theory of Political Economy in India	60	CO1	To understand Origin of the events that led to the beginning of Political Economics	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
20					60	CO2	To gain knowledge of the different theories of Political Economics and facilitate their intersection with India	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M
20					60	CO3	To seek knowledge about the various political issues of India	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
20					60	CO4	Strategies of development of India since independence and Economic Reforms	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M
20					60	CO5	Political Reforms in Business and Changing role of finance	-	-	-	-	-
21	SEM IV	060222401 - PP	T6133	International Economics	60	CO1	To facilitate a thorough understanding and knowledge about the basic principles that tend to govern the free flow of trade in goods and services at the global level.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
21					60	CO2	To inculcate the ability to relate to the contents of the course that lay stress on both, theory and the applied nature of the subject.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
21					60	CO3	To nurture skills to apply the concepts of the impact of free trade and tariffs on the different sectors of the economy, as well as, at the macro level.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
21					60	CO4	To encourage the aptitude to illustrate and identify the analyses of different theoretical models of international economics in light of real world situations	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
21					60	CO5	To develop the capacity to interpret the impact of the economies of regional integration and multilateral arrangements	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
22	SEM IV	060222402 - PP	T2208	Research Methodology	60	CO1	Formulate and evaluate research questions	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
22					60	CO2	Search for, select and analyses research papers.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
22					60	CO3	Adopt the appropriate research design and data collection tools for primary research project	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H
22					60	CO4	Employ American Psychological Association (APA) formats for citations and Bibliography	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H
23	SEM IV	060222403 - PP	T2112	Indian Banking & Financial System	60	CO1	To explain the nature, functions and issues related to money, banks and non bank financial intermediaries in India	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
23					60	CO2	To acquaint the students fully with the changing role of financial institutions in the process of growth and development	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
23					60	CO3	To understand the structure of the Indian banking system and study the trends in the Indian banking sector since 1991	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
23					60	CO4	To review various reforms introduced in the banking sector since 1969	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
23					60	CO5	To study the challenges of the Indian banking sector	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M
24	SEM IV	060222404 - PP	LA0003	Liberal Arts-IPR	60	CO1	Apply intellectual property law principles (including copyright, patents, designs and trademarks) to real problems and analyse the social impact of intellectual property law and public policy	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
24					60	CO2	be able to demonstrate a capacity to identify, apply and assess ownership rights and marketing protection under intellectual property law as applicable to information, ideas, new products and product marketing	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
24					60	CO3	be able to anticipate and subject to critical analysis arguments relating to the development and reform of intellectual property right institutions and their likely impact on creativity and innovation.	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
25	SEM IV	060222404 - PP	LA0003	Liberal Arts-FA	60	CO1	To demonstrate skills related to watching and listening, to films, comprehension, critical thinking and expression.	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
25					60	CO2	To illustrate how to understand films	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
25					60	CO3	To demonstrate a critical grasp on cinematic practices	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
26	SEM IV	060222407 - PP		Intergrated Disaster Management Program	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
26					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
26					60	CO3	To train students to perform First aid and CPR in an emergency.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
27	SEM IV	060222408 - PP	LA0003	Introductory French	60	CO1	To be able to listen and understand language at basic level	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
27					60	CO2	To be able to speak about oneself	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
27					60	CO3	to be able to write basic sentences	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
27					60	CO4	to be able to read and understand the basic sentences	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
28	SEM IV	060222408 - PP	T6394	Secondary Research	60	CO1	Articulate a clear research question or problem	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H
28					60	CO2	Identify and summarise relevant previous work that supports their research	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
28					60	CO3	Identify appropriate methodologies to address the research question	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
28					60	CO4	work collaboratively with other researchers, in an effective manner and meeting deadlines	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
29	SEM IV	060222409 - PP	T6803	Introductory German	60	CO1	expressing likes and dislikes, using simple and general language	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
29					60	CO2	Reading skills: Comprehending the gist of simple texts related to everyday life, selective and global understanding of texts, highlighting the cultural aspects etc	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
29					60	CO3	Listening skills: Can understand simple authentic audio texts,pronunciation, accent, intonation,simple sentences, common structures and words from important everyday situations e.g. basic personal and family information,	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
29					60	CO4	Writing skills:ability to construct simple sentences related to oneself as well as others, filling official forms, etc.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
29					60	CO5	Grammar: Exposure to some simple aspects and rules of grammar in order to facilitate sentence formation.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
30	SEM IV	060222410 - PP	T6803	Introductory Spanish	60	CO1	To be able to listen and understand language at basic level	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
30					60	CO2	To be able to speak about oneself	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
30					60	CO3	to be able to write basic sentences	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
30					60	CO4	to be able to read and understand the basic sentences	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H

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31	SEM IV	060222410 - PP	T6396	Primary Research	60	CO1	identify and demonstrate appropriate research methodologies and know when to use them	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
31					60	CO2	Analyse data and synthesize research findings	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
31					60	CO3	Work collaboratively with other researchers in an effective manner and meeting deadlines	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
31					60	CO4	Explain their research to others through reports and research presentations	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
32	SEM V	060222501 - PP	T6364	Micro Economics III	60	CO1	To understand the concept and theorems of welfare economics and welfare functions	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
32					60	CO2	To learn the benefits and concept behind majority voting	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
32					60	CO3	To analyse and learn various strategies applied by firms in the market	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
32					60	CO4	To encourage students to become analytical and start predicting the market	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
32					60	CO5	To make students well versed with firms strategies and their outcomes	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
33	SEM V	060222502 - PP	T6365	Macro Economics III	60	CO1	To understand the meaning of economic growth and growth accounting	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
33					60	CO2	To gain knowledge of the basic neoclassical Solow model	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
33					60	CO3	To incorporate population growth and technological progress within the solow model	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
33					60	CO4	to understand the practical policy relevance o solow model	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
33					60	CO5	To understand the empirical evidence in lieu of Solow Model	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
34	SEM V	060222503 - PP	T2456	Financial Management	60	CO1	Understanding the basics of financial management and the role of a finance manager	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H
34					60	CO2	Understanding Time value and its application	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H
34					60	CO3	Understanding the basics of capital budgeting and its types along with its role in the managements investment decisions Methods of calculation of cost of capital	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
34					60	CO4	Understanding the Working capital management and its approaches	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
34					60	CO5	Understanding the types of leverage and its relevance	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
35	SEM V	060222504 - PR	T3245	IT Applications in Economics	60	CO1	Use of software packages (Excel and SPSS) and to understand the basic functionality of softwares	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
35					60	CO2	Good grasp of descriptive and inferential statistics	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
35					60	CO3	Good grasp of data cleaning and handling in Excel and SPSS	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
35					60	CO4	to think critically about data and apply standard statistical inference procedures to draw conclusions from such analyses	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
36	SEM V	060222505 - PP	T6904	Internship with Business Unit	60	CO1	To sensitize students towards corporate and learn new skills	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
36					60	CO2	to inculcate the sense of responsibility towards corporate work culture and mechanism of corporate functioning	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
36					60	CO3	to commit and contribute towards the betterment of the economy and development of the nation	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
37	SEM V	060222506 - PP	T6146	Economic Journalism	60	CO1	Fundamentals of writing accuracy,newsworthiness,balance,fairness and the importance of citation and referencing.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
37					60	CO2	Basic writing skills for economic editorials emphasizing spelling,grammar,use of quotes and attribution, single sentence paragraphs,crisp and compelling news leads.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
37					60	CO3	Write case based papers.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
37					60	CO4	Basic reporting techniques emphasizing good interviewing skills and the use of social media, commercial databases and the Internet to background stories and to find news.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H
37					60	CO5	Basic reporting and writing of stories for print,Web,broadcast and mobile devices. Stories will include , accidents,weather,speeches,meetings and crime and court coverage.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
38	SEM V	060222507 - PP	T6701	Dissertation I	60	CO1	to think about a research idea	Strong-H	-	-	Moderate-M	-
38					60	CO2	to know how to do academic writing	-	-	-	-	Strong-H
38					60	CO3	to be able to write a research proposal	-	-	Strong-H	-	-
38					60	CO4	to know literature review	-	Strong-H	-	-	-
39	SEM V	060222508 - PP	T6142	Intermediary Econometrics	60	CO1	Continuance of understanding OLS through the method of matrices	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
39					60	CO2	Understanding Specification Analysis	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
39					60	CO3	Basic understanding of Time Series	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
39					60	CO4	Brief on Simultaneous Equations	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
40	SEM V	060222509 - PP	T6143	Agricultural Economics of India	60	CO1	To understand the importance of agriculture in economic development for the nation like India	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
40					60	CO2	To be able to apply principles of farm management/agricultural production economics benefitting farm decision making	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
40					60	CO3	To expose students to various policies (credit, input, pricing, food security, marketing, trade) pertaining to Indian agricultural sector	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
40					60	CO4	Students would understand and analyze governmental policies and strategies for agricultural development in India.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
40					60	CO5	To enhance the students' awareness on contemporary debates of problems of agriculture sector.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
41	SEM VI	060222601 - PP	T2108	Portfolio Management	60	CO1	Understanding the Basics of investments and the functioning of markets	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
41					60	CO2	Understanding of Basics of futures & options and their importance	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H
41					60	CO3	Understanding of Basics of technical analysis and its application with calculation	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H
41					60	CO4	Understanding of portfolio selection and CAPM	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
42	SEM VI	060222602 - PP	T6144	Environmental Economics	60	CO1	Understand the definition of an "environmental problem" in economics and understand the principles and tools for managing the environment	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
42					60	CO2	Understand the problem of externalities and public goods/bads	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
42					60	CO3	Understand the tools that help in valuing services generated by the environment and its evolution and application	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
42					60	CO4	Understand the process of creating an environmental policy (need, design and form) and the form and structure of the associated institutions of governance	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L
43	SEM VI	060222603 - PP	T6278	International Relations	60	CO1	distinguish among and apply the distinct levels of analysis	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
43					60	CO2	compare and contrast the leading schools of thought in international relations	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
43					60	CO3	explain international political phenomena and assess the behaviour of actors in international affairs	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
43					60	CO4	present evidence through concepts and metaphors that promote a robust understanding of international issues and examine its causes and examine its causes and processes	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
43					60	CO5	provide purposeful programmatic solutions and undertake critical and impactful research on the global conflicts	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
43					60	CO6	identify and gather information from credible primary and secondary sources for research purposes	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
44	SEM VI	060222604 - PP	T2104	International Financial Management	60	CO1	To guide graduate students through the world of International Finance and its management aspects, starting from the importance of studying international finance to understanding the different risks in international markets.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
44					60	CO2	To explore the functioning of the global capital markets, including players, policies therein.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
44					60	CO3	To explore the functioning of the foreign exchange markets - international and domestic, players and hedging tools in the foreign exchange market to reduce the currency risk for corporates and institutions	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
44					60	CO4	The sensitize students on the issue of capital account convertibility in India.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
44					60	CO5	Students will analyze and evaluate the history of international financial system, growth strategies, reforms and crisis that have happened in different countries.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
45	SEM VI	060222605 - PP	T6139	Economic Thought	60	CO1	To learn about contributions of various economists to the subject	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
45					60	CO2	To understand the journey of development of the subject	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
45					60	CO3	To analyse the importance of history of thought	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
45					60	CO4	To encourage students to become analytical and research oriented	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
45					60	CO5	To make students well versed with development of economics as formal discipline	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
46	SEM VI	060222606 - PP	T6701	Dissertation II	60	CO1	to conduct primary or secondary research	-	-	-	Strong-H	-
46					60	CO2	to know how to do analysis	-	Moderate-M	Strong-H	-	-
46					60	CO3	to be able to write a thesis	Moderate-M	-	-	-	Strong-H
47	SEM VI	060222607 - PP	T2207	Operations Research	60	CO1	To provide a historical perspective of the growth of Operations Research (OR) and its potential in businesses	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
47					60	CO2	To understand the characteristics of decision making problems that necessitate the use of scientific approaches	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
47					60	CO3	To learn the use of optimization techniques in decision making	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
47					60	CO4	To enable students to formulate mathematical models for managerial decision situations and to use computer software packages to obtain a solution wherever applicable	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
47					60	CO5	Student will be able to use in the real life problems.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
48	SEM VI	060222609 - PP	T6437	Behavioural Economics and its Applications	60	CO1	To introduce students to the concepts of Behavioral Economics	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
48					60	CO2	To understand the relevance of these concepts with respect to economic decision making	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
48					60	CO3	To understand the application of Behavioral Economics	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H

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Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	Sr. No.	PO3	PO4	1	PO5	2	3	4	5	Sr. No.	1	2	3
29					60	CO5	To construct different indices to estimate cross country comparison for convergence of growth and public spending and estimate inequality and poverty issues applying quantitative tools and to make the students solicitous to figure out multidimensional perspectives of economic expansion and how it may influence other socio-economic issues like inequality and distribution to arrive at the ultimate economic goal.	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-	-	-	-	-
30	Sem IV	060242403 - PP	T6060	Rural Development	60	CO1	The Course primarily aims to familiarize students with rural development and its related issues	Strong-H	Strong-H	-	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-	-	-	
30					60	CO2	The Course aims to provide conceptual clarity of Rural Area and Rural Development as well discuss the need of Rural Development and Causes of Rural Backwardness	Strong-H	Strong-H	-	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-	-	-	
30					60	CO3	The Course attempts to enable students to understand the Trends and Changes in the Composition of Rural Population in India, Rural Work Force Problems and Socio- Economic Conditions of Agricultural Labour in India.	Strong-H	Strong-H	-	Strong-H	Moderate-M	-	Weak-L	-	-	-	-	-	-	-	
30					60	CO4	The Course would attempt to develop an understanding of Education in Rural areas with focus on Literacy Rates, Formal and Informal Education, Levels of Living of Rural People and Poverty Indicators.	Strong-H	Strong-H	-	Strong-H	Moderate-M	-	Weak-L	-	-	-	-	-	-	-	
30					60	CO5	This Course also focuses on Agriculture and Rural development and attempts detailed study of Agriculture Development Programme.	Strong-H	Strong-H	-	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	-	-	-	-	

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	Sr. No.	PO3	PO4	1	PO5	2	3	4	5	Sr. No.	1	2	3
40					60	CO2	To determine the importance of urban transport planning in India-and assess the issues and challenges related to the same	Strong-H	Moderate-M	-	Moderate-M	Strong-H	-	-	-	-	-	-	-	-	-	-
40					60	CO3	To assess the urban transport policy and examine the related planning, management (pricing) and outcomes in this regard	Strong-H	Strong-H	-	Moderate-M	Strong-H	-	-	-	-	-	-	-	-	-	-
40					60	CO4	To assess, examine and evaluate the various urban transport modes (Mass Transit system, Non-motorized transport {NMT}), Mass rapid system, non-motorized transit system (and the benchmarking to global practices	Strong-H	Strong-H	-	Moderate-M	Strong-H	-	-	-	-	-	-	-	-	-	-

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Statistical Knowledge - This path-breaking programme will help in preparing the next generation statistician ready for scientific decision-making, aided with advanced statistical software translating into sharp and extensive analytics, pertinent to various domains.
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Problem Analysis - Nurturing the curious minds towards translation and application of statistical knowledge to find solution to real-world problems.
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	Development of Solution - Design solutions for complex problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4	GA2	Global citizenship: ethical, social and professional understanding	PO4	Conduct investigation of complex problem - Use research-based knowledge and research methods including design of experiments, Optimization, Multivariate analysis, Reliability and interpretation of data, and synthesis of the information to provide valid conclusions.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Cutting-edge tool usage - Support critical thinking for data driven solution with advanced methodologies, applicable statistical software packages like SAS, R, SPSS, STATA etc translating into sharp and extensive analytics, pertinent to various domains, aiding students and organization for scientific decision-making.
6	GA1	Scholarship: research, inquiry and lifelong learning	PO6	Research - Empower student researcher to investigate, solve questions for which answer lies beyond the boundaries of conventional thinking.
7	GA2	Global citizenship: ethical, social and professional understanding	PO7	Ethics - Apply ethical principles and commit to professional ethics and responsibilities.
8	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO8	Individual and Team work - Encourage for collaboration with multidisciplinary researchers.
9	GA1	Scholarship: research, inquiry and lifelong learning	PO9	Continuous Learning - Recognize the need and have the preparation and ability to engage in independent and continuous learning in the broadest context of technological requirements.
10	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO10	Career Opportunities - Career Opportunities in varied domains such as Government, Pharma, Insurance, Banking, Finance, Automobile, Information Technology and many other sectors that will entail market research, forecasting and predictive analysis.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
1	Sem I	060641101 - PP	T6684	Probability Distributions	60	CO1	To develop understanding and working knowledge of basic probability.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
1					60	CO2	To develop understanding and working knowledge of mathematical discipline for analyzing and modelling uncertain outcomes.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
1					60	CO3	To prepare students for further courses like Statistical Inference.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
1					60	CO4	To provide students with a foundation for understanding applications.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
1					60	CO5	To develop a calculus-level understanding and working knowledge for analyzing and modelling uncertain outcomes.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
2	Sem I	060641102 - PP	T6685	Linear Algebra	60	CO1	Gain knowledge about the core of the theory of matrix algebra.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
2					60	CO2	It helps to develop the theory and estimation and their extensions in non-linear models, non-parametric models, generalized Gaussian models.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
2					60	CO3	It helps to fit the models to real or synthetic data, perform uncertainty assessment, derive confidence and prediction intervals.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO4	Gain adequate skill to address practical problems and give a sound scientific interpretation to the results.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO5	This course will cater the needs of the students who want to get a job in analytics, research and of the students who will pursue academics further as well.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
3	Sem I	060641103 - PP	T6686	Mathematical Analysis	60	CO1	Gain knowledge about the core of the theory of Real Analysis and its application in Static Optimization, Finance and Actuarial Science.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
3					60	CO2	This course will cater the needs of the students who want to get a job in analytics, research and of the students who will pursue academics further as well.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
3					60	CO3	Application part is based on real life examples of interactions between economic agents and optimization exercise they undertake over time, which eventually will help the serious guy to relate the theory he learns with its applicability in the real world.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
3					60	CO4	Gain adequate skill to address practical economic issues in their professional life.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
3					60	CO5	It helps to develop probability models.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
4	Sem I	060641104-PP	T6687	Sampling Theory	60	CO1	Gain knowledge about the core of the sampling theory.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M
4					60	CO2	It helps to develop any sample survey.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
4					60	CO3	It helps to develop the theory and estimation and their extensions in different sampling designs.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
4					60	CO4	It helps to learn how to choose the sample size based on various criteria.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
4					60	CO5	Gain adequate skill to address practical problems and give a sound scientific interpretation to the results.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
5	Sem I	060641105-PP	T6688	Statistical Computing	60	CO1	To provide students with a good knowledge of computational methods.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
5					60	CO2	Use of computational methods in the field of statistics.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H

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5					60	CO3	To provide students with the ability to solve numerical problems.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
5					60	CO4	Use of numerical methods to solve numerical problems.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
5					60	CO5	To solve numerical problems using appropriate software tools.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
6	Sem I	060641106 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
6					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L
6					60	CO3	To train students to perform First aid and CPR in an emergency.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L
7	Sem II	060641201 - PP	T6695	Probability Theory and Applications	60	CO1	To develop understanding and working knowledge of probability theory.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
7					60	CO2	The objective of this course is to develop understanding and working knowledge of probability theory along with its applications to natural phenomena with uncertain outcomes.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
7					60	CO3	Successful completion of this course will prepare students with ability to deal with situations involving uncertainty and will provide a foundation for understanding statistical applications.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
7					60	CO4	Gain adequate skill to address practical economic issues in their professional life.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
7					60	CO5	It helps to develop probability models.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
8	Sem II	060641202 - PP	T6696	Linear Models	60	CO1	Course provides an intensive introduction to statistical models along with their theoretical properties.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
8					60	CO2	It helps to develop the linear predictive models and their extensions in non-linear models, non-parametric models, generalized models.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
8					60	CO3	It helps in building a deeper understanding, and tools for applying the regression model and its generalizations.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
8					60	CO4	Gain adequate skill to address practical problems and give a sound scientific interpretation to the results.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
8					60	CO5	This course will cater the needs of the students who want to get a job in analytics, research and of the students who will pursue academics further as well.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
9	Sem II	060641203 - PP	T6697	Statistical Inference	60	CO1	Understand the principles of sufficiency and minimal sufficiency.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
9					60	CO2	Understand the concept of a family of probability distributions and the exponential family of distributions.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
9					60	CO3	Understand the concepts of accuracy, precision, and efficiency of estimators.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
9					60	CO4	Understand the role of likelihood function in testing of statistical hypotheses.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
9					60	CO5	Able to construct estimators having desirable statistical properties.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
9					60	CO6	Able to develop the best statistical test for a given statistical hypothesis.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H

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10	Sem II	060641204 - PP	T6698	Stochastic Processes	60	CO1	Understand the concept of Markov dependence in a sequence of random variables.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
10					60	CO2	Understand statistical properties of finite Markov chains.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
10					60	CO3	Understand different stochastic processes like branching process, birth-and-death process, and Poisson process.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
10					60	CO4	Understand a renewal process and its asymptotic properties.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L
10					60	CO5	Able to use a stochastic process to describe and analyze and observed phenomenon statistical inference.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H
11	Sem II	060641205 - PP	T6700	Design of Experiments	60	CO1	Course provides an intensive introduction to design of experiments.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M
11					60	CO2	It helps to develop an understanding and working knowledge of the concepts and techniques used in design and analysis of experiments.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
11					60	CO3	It helps in building a deeper understanding, and tools for analysis of experiments.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
11					60	CO4	Gain adequate skill to address practical problems and give a sound scientific interpretation to the results.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
11					60	CO5	This course will cater the needs of the students who want to get a job in analytics, research and of the students who will pursue academics further as well.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
12	Sem II	060641206 - PP	T6699	Multivariate Statistics-1	60	CO1	Understand statistical properties of the multivariate normal distribution.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M

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12					60	CO2	Develop the best statistical test for the mean vector of the multivariate normal distribution.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
12					60	CO3	Use the union intersection principle in deriving statistical tests for statistical hypotheses.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
12					60	CO4	Understand different multivariate distributions.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
12					60	CO5	Able to draw statistical inference on parameters of multivariate normal distribution.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
13	SEM III	060641301-PP	T6700	Design of Experiments	60	CO1	Course provides an intensive introduction to design of experiments.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M
13					60	CO2	It helps to develop an understanding and working knowledge of the concepts and techniques used in design and analysis of experiments.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
13					60	CO3	It helps in building a deeper understanding, and tools for analysis of experiments.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
13					60	CO4	Gain adequate skill to address practical problems and give a sound scientific interpretation to the results.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
13					60	CO5	This course will cater the needs of the students who want to get a job in analytics, research and of the students who will pursue academics further as well.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
14	SEM III	060641302-PP	T6701	Multivariate Statistical Analysis-2	60	CO1	To enable learners to comprehend the evolution of Multivariate Analysis and its significance in business research.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H

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20					60	CO3	To emphasize concepts over details, with recent applications in public health.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
20					60	CO4	To understand enough to take up responsibility and actively participate in academics, government organizations, pharmaceutical companies, health organizations, etc.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
20					60	CO5	Gain adequate skill to address practical problems and give a sound scientific interpretation to the results.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
21	SEM III	060641309 - PP	T6705	Statistical Simulation	60	CO1	Understand the rationale for statistical simulation and its potential applications.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M
21					60	CO2	Understand the concept of a Markov Chain and its potential applications.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M
21					60	CO3	Understand Monte Carlo methods and their applications mathematical problems.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
21					60	CO4	Use statistical software to perform a simulation study and then report the results in a manner suitable for publication.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
21					60	CO5	This course will cater the needs of the students who want to get a job in analytics, research and of the students who will pursue academics further as well.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
22	SEM III	060641310 - PP	T6704	Optimization Techniques	60	CO1	Formulate a range of operations research problems as linear programming problems, and be able to solve them computationally.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M
22					60	CO2	Demonstrate an understanding how the most widely used linear programming algorithms work.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H

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31	SEM IV	060641407 - PP	T6714	Statistical Methods for Bio Computing	60	CO1	Help students understand the nature of micro-array data that includes molecular and morphological data.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M
31					60	CO2	Handling sequence data for the purpose of data segmentation.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
31					60	CO3	Understand phylogenetic analysis for biological sequence data and clustering algorithms.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
31					60	CO4	Handling dependent observations using Markov and hidden Markov models.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
31					60	CO5	This course will cater the needs of the students who want to get a job in analytics, research and of the students who will pursue academics further as well.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
32	SEM IV	060641408 - PP	T6715	Statistical Methods for Quality Control	60	CO1	Help students to learn, understand concepts of quality control and statistical process control.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L
32					60	CO2	Application of Control charts, Process capability and acceptance sampling techniques.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
32					60	CO3	Gain adequate skill to address practical problems and give a sound scientific interpretation to the results.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
32					60	CO4	This course will cater the needs of the students who want to get a job in analytics, process control and of the students who will pursue academics further as well.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
33	SEM IV	060641409 - PP	T6714	Statistical Methods for Bio Computing	60	CO1	Help students understand the nature of micro-array data that includes molecular and morphological data.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M
33					60	CO2	Handling sequence data for the purpose of data segmentation.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M

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33					60	CO3	Understand phylogenetic analysis for biological sequence data and clustering algorithms.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
33					60	CO4	Handling dependent observations using Markov and hidden Markov models.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
33					60	CO5	This course will cater the needs of the students who want to get a job in analytics, research and of the students who will pursue academics further as well.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
34	SEM IV	060641410 - PP	T6721	Big Data Analytics	60	CO1	Help students who are expected to face issues related to big data storage, processing, analysis, visualization, and application.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
34					60	CO2	Help students gain insight on what tools, algorithms, and platforms to use on which types of real data.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
34					60	CO3	Help students gain knowledge on analysing big data by learning, understanding, and practicing big data analytics approaches.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
34					60	CO4	Gain adequate skill to address practical problems and give a sound scientific interpretation to the results.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
34					60	CO5	This course will cater the needs of the students who want to get a job in analytics, research and of the students who will pursue academics further as well.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
35	SEM IV	060641411 - PP	T6712	Stochastic Models in Finance	60	CO1	Apply modern probability theory, stochastic calculus, to stochastic models in finance.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
35					60	CO2	Demonstrate accurate and efficient use of probability theory techniques.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M

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35					60	CO3	Build, analyze and simulate basic stochastic models for simple real-life random phenomena evolving in time.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	
35					60	CO4	Apply problem-solving using probabilistic methods in various situations.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	
35					60	CO5	Gain adequate skill to address practical problems and give a sound scientific interpretation to the results.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
36	SEM IV	060641412 - PP	T6715	Statistical Methods for Quality Control	60	CO1	Help students to learn, understand concepts of quality control and statistical process control.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	
36					60	CO2	Application of Control charts, Process capability and acceptance sampling techniques.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
36					60	CO3	Gain adequate skill to address practical problems and give a sound scientific interpretation to the results.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
36					60	CO4	This course will cater the needs of the students who want to get a job in analytics, process control and of the students who will pursue academics further as well.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
37	SEM IV	060641413 - PP	T6713	Statistical Methods for Reliability	60	CO1	Help students to understand models for reliability (life lengths, failure times etc.) for systems.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	
37					60	CO2	Learn concept of advance distribution.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
37					60	CO3	Understand Markov models, hazards, life length distributions, structural functions.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	
37					60	CO4	Learn system reliability, repairable systems, analysis of failure time data and accelerated testing.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	

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37					60	CO5	Gain adequate skill to address practical problems and give a sound scientific interpretation to the results.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1.1	Demonstrate an understanding of the methods of inquiry and analysis both within and among traditional liberal arts and sciences disciplines humanities, natural sciences, physical sciences, social sciences
2	GA1	Scholarship: research, inquiry and lifelong learning	PO1.2	Combine core disciplinary training along with contemporary scholarship through research and analysis
3	GA1	Scholarship: research, inquiry and lifelong learning	PO1.3	Develop a strong academic foundation in interdisciplinary, multidisciplinary and transdisciplinary understanding of the world1.
4	GA3	Eco-literate: sensitivity towards a sustainable environment	PO1.4	Identify problems and contribute to effective problem solving using domain expertise
5	GA1	Scholarship: research, inquiry and lifelong learning	PO1.5	Enhance transferable skills such as robust and rigorous research capability, analytical skills, quantitative reasoning, critical thinking, effective communication and writing
6	GA3	Eco-literate: sensitivity towards a sustainable environment	PO1.6	Use domain knowledge and research skills to contribute towards a sustainable environment
7	GA2	Global citizenship: ethical, social and professional understanding	PO1.7	Apply ethical principles to professional and academic life
8	GA2	Global citizenship: ethical, social and professional understanding	PO2.1	Demonstrate civic mindedness through communication and action
9	GA2	Global citizenship: ethical, social and professional understanding	PO2.2	Contributes to the local, regional, national and global communities
10	GA3	Eco-literate: sensitivity towards a sustainable environment	PO2.3	Demonstrate sensitivity towards environment and promote sustainable development
11	GA2	Global citizenship: ethical, social and professional understanding	PO2.4	Act with sensitivity, awareness, and social concern on issues of equity and social justice as effective citizens towards development and growth of socially and culturally marginalized groups
12	GA2	Global citizenship: ethical, social and professional understanding	PO2.5	Assume ethical leadership roles for innovative problem solving within organisations and communities
13	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3.1	Effectively apply domain knowledge, research and communication skills in the professional space
14	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3.2	Engage successfully in work-spaces through teamwork, conflict resolution, problem solving, ethical behaviour, adaptability and leadership
15	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3.3	Adapt to a dynamic multicultural and globally integrated economy
16	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3.4	Utilise practical and experiential learning and ability to bring together information to create or identify effective sustainable solutions
17	GA2	Global citizenship: ethical, social and professional understanding	PO4.1	Ave the capacity to situate local experiences in the global context
18	GA1	Scholarship: research, inquiry and lifelong learning	PO4.2	Identify and appreciate diverse and contrasting opinions and perspectives
19	GA2	Global citizenship: ethical, social and professional understanding	PO4.3	Effectively communicate with diverse audiences to formulate and defend informed positions
20	GA2	Global citizenship: ethical, social and professional understanding	PO4.4	To take action based on knowledge developed using varied tools in qualitative and quantitative research and analysis

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9					60	CO3	To analyze English poetry and fiction of these times in terms of historical context and literary technique, and be familiar with a range of critical approaches	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
9					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
10	SEM III	T6108 - PP		Indian Writing in English	60	CO1	To relate the various phases of evolution in Indian Writing in English to the different genres of this literature in the background of the historical and social conditions prevalent in the sub-continent	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
10					60	CO2	To familiarize students with some of the prominent writers of India in the English Language and critically analyze and interpret the works of selected writers in the different genres	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
11	SEM III	T6115 - PP		Short Stories from around the World	60	CO1	To Describe a detailed and extensive study of either multiple texts of a particular writer or a specific literary subject.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
11					60	CO2	To Discuss the social, political and historical context of that writer or the subject. Engage in pertinent theoretical contexts and debates.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
11					60	CO3	Read and discuss a range of short stories	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
11					60	CO4	To Identify the genre of the short story, the tones and the subtleties of literary language in a range of short fiction	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
11					60	CO5	To Express and interactively discuss their reading and form opinions on the short fiction they have studied	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
11					60	CO6	To Review, compare and discuss film adaptations of the short story they have studied	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
11					60	CO7	Write essays which present and sustain well-developed arguments on the work of the studied authors	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
12	SEM III	T6147 - PP		Principles of Economics	60	CO1	explain the nature of economics in dealing with the issue of scarcity,	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
12					60	CO2	explain supply and demand analysis to analyze the impact of economic events on markets,	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
12					60	CO3	explain the behavior of consumers in terms of the demand for products,	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
12					60	CO4	explain and evaluate the factors affecting firm behavior, such as production and costs	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
12					60	CO5	recognize the performance of firms under different market structures,	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
12					60	CO6	recognize market failure and the role of government in dealing with those failures,	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
12					60	CO7	explain how input markets work,	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
12					60	CO8	use economic analysis to evaluate controversial issues and policies	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
13	SEM III	T6234 - PP		Ballroom and Latin American Dances	60	CO1	Distinguish the different ballroom dance forms of Waltz, Tango, Foxtrot and the Slow-fox	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
13					60	CO2	Distinguish the different Latin American dance forms of Rhumba, Samba, Cha Cha-Cha and Jive	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	
13					60	CO3	Identify the characteristics that differentiate between the various dance forms	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	

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13					60	CO4	Given that it is a performance based course, the students will learn 8 different Western dance forms	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
13					60	CO5	They will also extend the knowledge they acquire and choreograph 3 dance pieces	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
14	SEM III	T6240 - PP		Experiencing Music Globally	60	CO1	identify various elements of musical sound in selected examples	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
14					60	CO2	classify those elements according to their particular behavior	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
14					60	CO3	consider how different musical elements relate to each other in various musical contexts	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
14					60	CO4	explain the relationship that particular sounds might have to the cultural or social context out of which it has arisen.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
15	SEM III	T6248 - PP		Theatre Games and Movement	60	CO1	Introduction to theatre, through games and movement, focusing on awareness of the body and mind.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
15					60	CO2	Introduces students to group work through ensemble movement and improvisation. Along with ensemble work, the students will build an awareness of the self and an expressive body	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
15					60	CO3	Introduces the basic fundamentals of storytelling through conflict, objective, tactics, and foils, extend the creative processes and understanding of physical ensemble work, collaboration and group work, and identify the importance of using gestures as a means of communication in theatr	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
16	SEM III	T6256 - PP		Foundations of Western Philosophy	60	CO1	Demonstrate written competency in the analysis of philosophical issues	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	-	Moderate-M	Weak-L	Moderate-M	-	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L
16					60	CO2	Apply the tools of logic in the analysis and critical evaluation of philosophical texts	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	Moderate-M	Weak-L	Strong-H	-	Weak-L	-	Strong-H	Weak-L	-	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	-
16					60	CO3	Synthesize philosophical insights in relation to their own lived experience	Moderate-M	Weak-L	Moderate-M	-	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	-	-	Moderate-M	Strong-H	Moderate-M	Weak-L	-	Strong-H	Moderate-M	Moderate-M	Weak-L
16					60	CO4	Understand and appreciate the contributions of philosophers to civilization	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	-	Moderate-M	-	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	-	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	-	Moderate-M	Moderate-M	Weak-L	Weak-L
16					60	CO5	Recognize the relationship of philosophy to a variety of areas of human experience such as, morality, politics and culture	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	Weak-L	-	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	-
16					60	CO6	Rigorous philosophical inquiry and reflection in relation to their own self-development, their interactions with others, and the quest for a better world	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	-	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L
16					60	CO7	Ability to form a holistic world-view from an inter-disciplinary perspective	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	-	Weak-L	-	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H	Moderate-M	-	Strong-H	Weak-L	Weak-L	-
17	SEM VIII	T6287 - PP		Introduction to International Relations	60	CO1	1. Understanding the scope and importance of, and the concepts and tools necessary for the study of International Relations	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-	Moderate-M	-	Moderate-M	-	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Strong-H	Moderate-M
17					60	CO2	2. Understanding the historical context which has led to the emergence of the contemporary international order	-	-	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	Strong-H	-	Strong-H	-	-	-	-	-	-
17					60	CO3	3. Understanding and comparing various paradigms and theories through which international relations is studied with a focus on advantages and limitations of each paradigm and theory	Strong-H	Strong-H	Strong-H	-	Strong-H	Moderate-M	-	-	Moderate-M	-	Moderate-M	-	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Strong-H	Moderate-M

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22					60	CO4	Create An awareness and study of the relationship between the media and various social problems and aspects of society	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22					60	CO5	Create An awareness and study of the relationship between the media and various social problems and aspects of society	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22					60	CO6	Allow students to design and develop visual and audio concepts in media	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23	SEM VII	T6443 - PP		Mathematical Methods For Economics	60	CO1	Understanding the rationale behind the use of mathematics in economics.	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23					60	CO2	Exploring complex concepts in mathematics with economic applications.	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23					60	CO3	Contrast and compare different methods for approaching the same problem	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23					60	CO4	Applying the Economic models learned in real life situations.	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
23					60	CO5	Drawing the Economic inferences with given data based on the techniques learned in mathematics.	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
24	SEM III	T6561 - PP		Research Methods and Analysis: RM II	60	CO1	Gain an understanding of different methods to conduct research	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
24					60	CO2	Understand and compare advantages and limitations of different methods of conducting research	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
24					60	CO3	Demonstrate working knowledge of methods in practice through assignments	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
24					60	CO4	Demonstrate ability to collect and interpret data (quantitatively and/ or qualitatively)	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
24					60	CO5	Demonstrate requirements of academic writing (clarity of writing, organization of the paper and referencing)	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
25	SEM VII	T6787 - PP		Introduction to Psychology	60	CO1	The basics of the history, theory and application of the various component areas of Psychology.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
25					60	CO2	Linking these areas to their applications and potential real-world impact and other fields of study and application.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
25					60	CO3	Learning about the basics of research, scientific method and critical thinking as it applies to the field of Psychology.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
25					60	CO4	Start to familiarize themselves with reading and understanding peer reviewed journal articles	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
26	SEM VII	TE7476 - PP		Classical Mechanics	60	CO1	1. Define the concepts of position, velocity, and acceleration and show the relationship between them in different physical situations	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
26					60	CO2	2. Translate kinematic information between verbal, pictorial, graphical, and algebraic interpretations	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
26					60	CO3	3. Explain free fall motion, projectile motion, and circular motion	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
26					60	CO4	List the specific forces acting on an object including action-reaction pairs for interacting objects and explain the connection between force and motion through Newtons laws	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H
26					60	CO5	Interpret interactions from the perspective of impulse and momentum, and the conservation of momentum (linear and angular)	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H

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26					60	CO6	Relate work and energy and recognize transformations between different forms using the idea of conservation of energy	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H		
26					60	CO7	7. Relate concepts of mass, momentum and energy conservation to fluid flow	Strong-H	Weak-L	Weak-L	Strong-H	-	Strong-H	-	-	-	-	-	Weak-L	Weak-L	-	-	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	-	Weak-L	Strong-H		
26					60	CO8	8. Recall the principles of classical mechanics, identify them at work in a given physical system, solve related quantitative problems and interpret the results	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H	Strong-H	-	Strong-H	Strong-H	-	Strong-H	Strong-H		
27	SEM IV	T1024 - PP		Legislative Processes and Administrative Law	60	CO1	1The objective of this course is to develop a practical point of view towards the complexity of lawmaking process. It is to emphasize that law is an instrument of social change and the state tries to answer contemporary questions through lawmaking.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
27					60	CO2	2 The idea of including this course is to sensitize students about citizen participation in making the laws of your own land and thereby exercising effective control over the state.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
28	SEM IV	T1042 - PP		Family Law	60	CO1	Understand and appreciate the legal framework on which the institution of marriage is based	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
28					60	CO2	Understand the larger significance of the legalities of marriage as a part of the constitution of India.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
28					60	CO3	Grasp how family law can be used to bring about desirable social change.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
28					0	CO4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
28					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
28					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
29	SEM IV	T1133 - PP		Business Laws	60	CO1	1. to give an insight into the legal aspects of business	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
30	SEM IV	T2234 - PP		Introduction to Management	60	CO1	1. Understand basics of business theory and comprehend business principles, practices and skills.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
30					60	CO2	2. Understand the varied range of business organizations and activities and the cultural and economic perspective in which business functions.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
30					60	CO3	3. Get an overview of different functional specialisations under Management.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
31	SEM IV	T2539 - PP		Calculus	60	CO1	Compute limits and derivatives of algebraic, trigonometric, and piece-wise defined functions	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
31					60	CO2	Compute definite and indefinite integrals of algebraic and trigonometric functions using formulas and substitution	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
31					60	CO3	Use the derivative of a function to determine the properties of the graph of the function and use the graph of a function to estimate its derivative	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
31					60	CO4	Solve problems in a range of mathematical applications using the derivative or the integral	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
31					60	CO5	Explain concepts in calculus clearly in oral, written, and visual forms	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
32	SEM IV	T2564 - PP		Principles of Management and Contemporary Issues in Business and Management	60	CO1	Develop an Understanding of the foundational questions, ideas and debates that shaped the development of management thought, as well as the voices and perspectives not well represented as yet.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M		

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38					60	CO5	To understand the fallacy of race and racism and appreciate human diversity within context of evolutionary change	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
39	SEM IV	T6094 - PP		Advertising and Contemporary Culture	60	CO1	To gain critical perspective on the power of advertising	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Weak-L	-	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	Strong-H	Moderate-M	Weak-L	Weak-L	
39					60	CO2	To increase ability to comprehend complex and abstract argumentation	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Weak-L	-	Strong-H	-	Moderate-M	Moderate-M	-	Moderate-M	Weak-L	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Weak-L	Weak-L	
39					60	CO3	To discuss ways in which society and individuals can educate themselves to be able to 'fight' this power.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Strong-H	Strong-H	Moderate-M	-	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Strong-H	Strong-H	Moderate-M	Weak-L	
39					60	CO4	To critically read advertisements and their fine print; issues related to representation, identity, and inequality; roles and stereotypes and the reinforcement of stereotypes.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	Strong-H	Strong-H	Moderate-M	-	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Strong-H	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	Moderate-M	Weak-L	
39					60	CO5	Understand the social implications of consumerism and advertising as an economic and cultural force	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	Strong-H	Strong-H	Moderate-M	-	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Strong-H	Strong-H	Moderate-M	Weak-L	
40	SEM IV	T6105 - PP		Understanding Modern Theatre: In Theory, Performance and Practice	60	CO1	Students will analyze different movements such as realism, naturalism, epic theater, expressionism, surrealism and theatre of the absurd.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	
40					60	CO2	Students will be able understand the specific plays in their social, political, and theoretical context.	-	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
40					60	CO3	Students will be able to apply their learning to drama on stage.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Weak-L	Strong-H	-	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
41	SEM IV	T6170 - PP		Realism and Cinema	60	CO1	To see how films of different countries align with the different aspects of Realism and how that shapes filmmakers and film movements and how the political and economic histories of respective countries shape this history of cinema.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
41					60	CO2	To study in depth some specific film movements and works of filmmakers.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
41					60	CO3	To analyse the history of Indian cinema against this history.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
41					60	CO4	To fully appreciate that Realism then is like a Spectrum films can look very real, be imaginative, critique and analyse real events and circumstances.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
41					60	CO5	To understand how the issue of Realism has always been a determining factor for the literatures and the arts but it acquires great significance when it comes to modernity—and how the medium of cinema, camera and the sound recording equipment are totally connected to this issue.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
42	SEM IV	T6198 - PP		German A -1 Paper 2	60	CO1	1. Students will be able to recognize, construct, understand and use simple sentences. They should also be able to communicate and deal with various situations in daily life (e.g. at the airport, in a supermarket, at the Hotel etc)	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	
42					60	CO2	2. Students should be able to introduce themselves and others and talk about others and themselves e.g. their hobbies and personal details where do they come from etc. Likes/ dislikes, acceptances / refusals etc	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	
42					60	CO3	3. Students will develop text comprehension of medium difficulty level texts and application of the learnt language. Can communicate in a simple manner. Can respond to simple and uncomplicated speech.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	

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53	SEM VIII	T6288 - PP		Conflict, Diplomacy and War	60	CO1	Analyze in detail theories regarding central concepts like conflict, diplomacy and war, which are imperative for an in-depth understanding and analysis of World Politics.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
53					60	CO2	Examine these theories with the help of case studies across timelines	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
53					60	CO3	Discover the processes involved in conflict resolution which can be achieved either through diplomacy or war	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
53					60	CO4	Dissect the context in which the situations of conflict arises	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
53					60	CO5	Develop communication skills both written and verbal	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
54	SEM VIII	T6296 - PP		Western Political Thought	60	CO1	It will help the students to discover the political philosophy that forms the basis of politics in the western hemisphere.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
54					60	CO2	It will help them interpret the political philosophies of these philosophers in historical context as well as relate them to contemporary politics	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
55	SEM IV	T6305 - PP		Marxism	60	CO1	Understand core concerns of Marx about human alienation and liberation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
55					60	CO2	Understand Materialist Dialectics as the Method of analysis adopted by Marx and its application to history known as Historical Materialism	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
55					60	CO3	Understand Marxian theories of surplus value , exploitation and crisis as the organic elements of capitalism	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
55					60	CO4	Understand Marxian concept of State, Revolution, Socialism, communism	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
55					60	CO5	Understanding Marxism after Marx through primary introduction to Lenin, Lucas, Gramsci, Frankfurt School , Issues concerning applying Marxism in India	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
55					60	CO6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
56	SEM IV	T6321 - PP		Sociology of India: Themes and Perspectives	60	CO1	Develop a strong academic foundation on the history and formative years of sociology in India with contemporary scholarship on themes relevant to Indian society and culture.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
56					60	CO2	Demonstrate a capacity to identify sociological problems challenging Indian society and locate explanations in local and global contexts.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
56					60	CO3	Demonstrate an understanding of issues of equity and social justice in India and act with sensitivity, awareness and social concern around these.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
56					60	CO4	Engage successfully in teamwork, conflict resolution, problem solving, ethical behaviour, adaptability and leadership through relevant class assignments	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
56					60	CO5	Develop a keen sense of different cultural contexts within India and the capacity to communicate effectively with diverse audiences on knowledge developed during the course	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
56					60	CO6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
57	SEM IV	T6332 - PP		Diversity Studies	60	CO1	Diversity Studies aims to enable students to develop and apply an alternate gaze, which would accommodate and celebrate difference in a positive way, appreciate the richness of the society and contribute to knowledge building.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H

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67	SEM IV	T6786 - PP		Victorian Literature	60	CO1	Demonstrate understanding of the background and context of Victorian Literature	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	
67					60	CO2	Relate the texts under study with the socio-political background of the nineteenth century	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	
67					60	CO3	Demonstrate the ability to interpret texts using discipline-appropriate methods such as close reading	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	
68	SEM VII	T6788 - PP		Lifespan Development	60	CO1	1. To understand and contextualize stages of human development in terms of physical, psychological and socioemotional development	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
68					60	CO2	2. To understand the various models and paradigms that aid in this understanding.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
68					60	CO3	3. To observe how these models are applied in meaningful ways over the lifespan.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
68					60	CO4	4.Recontextualizing this information to account for possible differences in an Indian context	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
69	SEM VIII	TE7477 - PP		Waves, Light, and Electromagnetism	60	CO1	Illustrate wave motion and identify properties of sinusoidal waves such as wavelength, wave number, and frequency	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H	
69					60	CO2	Explain the properties of common waves sound waves, waves on a string, light	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H	
69					60	CO3	Interpret the ray model of light and use it to understand images and image formation	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H	
69					60	CO4	Summarize evidence in support of the wave nature of light using phenomena such as diffraction and interference	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H	
69					60	CO5	Demonstrate an understanding of basic electric and magnetic phenomena	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H	
69					60	CO6	Explain the motion of charged particles in simple electric and magnetic fields	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H	
69					60	CO7	Show how to analyze simple electric circuits	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H	
69					60	CO8	Explain what electromagnetic waves and electromagnetic radiation are	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H	
70	SEM IV	TE7479 - PP		Introduction to Quantum Mechanics	60	CO1	1. Develop an understanding of the meaning of measurement	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	
70					60	CO2	2. Demonstrate knowledge of how quantum states are described by wave functions	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
70					60	CO3	3. Solve the Schrodinger equation and describe the properties of a particle in simple potential wells	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
70					60	CO4	4. Solve one-dimensional problems involving transmission, reflection and tunnelling of quantum probability amplitudes	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
70					60	CO5	5. Demonstrate an understanding of the significance of operators and eigenvalue problems in quantum mechanics	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
70					60	CO6	6. Demonstrate an understanding of angular momentum in quantum mechanics	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M
70					60	CO7	7. Explain how quantum mechanics can be used to describe the hydrogen atom	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
70					60	CO8	8. List technologies that are based on quantum physics	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
71	SEM IV	TH4078 - PP		Decoding the Genetically Modified	60	CO1	1.To understand the basic components of the living world	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	

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71					60	CO2	2.To understand the structure and functions of genes	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
71					60	CO3	3.To recognize the importance of genes in the larger ecological niche that includes the human race	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
71					60	CO4	4.To recognize how biologically driven processes lay the foundations of what can be observed as social structures and practices	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
71					60	CO5	Apply and extend our understanding of biological processes to social structures and practices	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
71					60	CO6	6.Understand the larger goals of classifications and arrangements in the living world	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
71					60	CO7	7.To appreciate the intricacies and the coming together of various components of the biological world ?processes and constituent elements to form a larger self sustaining complex system	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
71					60	CO8	8.Grasp the role of microorganism in terms of evolution, culture, adaptability and ultimately in shaping human life	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H
72	SEM V	T2544 - PP		Analysis	60	CO1	Explain fundamental properties of the real numbers that lead to the formal development of real analysis	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	-	-	-	-	-	Moderate-M	Weak-L	-	Weak-L	-		
72					60	CO2	List rigorous arguments underlying the theory of real analysis	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	-	-	-	-	-	Moderate-M	Weak-L	-	Weak-L	-		
72					60	CO3	Demonstrate an understanding of limits and how they are used in sequences, series, differentiation and integration	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	-	-	-	-	-	Moderate-M	Weak-L	-	Weak-L	-		
72					60	CO4	Construct mathematical proofs of basic results in real analysis	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	-	-	-	-	-	Moderate-M	Weak-L	-	Weak-L	-		
72					60	CO5	Appreciate how abstract ideas and rigorous methods in mathematical analysis can be applied to important practical problems	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	-	-	-	-	-	Moderate-M	Weak-L	-	Weak-L	-		
73	SEM V	T2561 - PP		Business Ethics	60	CO1	In this course, the students will learn importance of ethics, importance of ethics in business & life at large. It will touch upon the socio-ethical systems operating in India, social responsibilities, responsiveness.	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
74	SEM V	T3202 - PP	030121306	Object Oriented Programming	60	CO1	The objective of this course is to interpret core concepts object oriented programming using Java as a programming language. The course will also help students to analyze and construct well designed and effective applications using Java.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
75	SEM V	T3209 - PP	030121204	Data Structures	60	CO1	A systematic study of data structures and their algorithms organized around the unifying concept of data and code abstraction. Emphasis is placed on ADT-based. Topics include abstract data types (ADTs), objects. It enables to study specific data structures such as linear lists, stacks, queues, binary trees, binary search trees, sorting & searching algorithms.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	
76	SEM V	T3210 - PP	030121303	Design and Implementation of Algorithms	60	CO1	1. Implement the various data structures learnt in the prerequisites and understand how the data structure and algorithm design methods impacts the performance of programs.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	

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76					60	CO2	2. Design effective and efficient algorithms for various computing problems.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
76					60	CO3	3. Determine space and time complexity of algorithms	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
76					60	CO4	4. Understand Recursion and its benefits	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
76					60	CO5	5. Use various design techniques(divide and conquer, greedy etc.)	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
77	SEM V	T4395 - PP		Ecology and Evolution	60	CO1	To study the ecology in a way that explicitly considers the evolutionary histories of species and the interactions between them	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	
78	SEM V	T4399 - PP		Reproductive and Developmental Biology	60	CO1	To understand the normal and regulatory mechanisms regarding reproduction and development	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	
78					60	CO2	To understand concepts regarding developmental anatomy, cell to cell communication and specification	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	
78					60	CO3	To understand Stem cell concept	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	
78					60	CO4	To understand the applications of development biology	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
78					60	CO5	To understand the ethical principles with regard to application of reproductive and developmental biology	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
79	SEM V	T6088 - PP		Human Biological Variation	60	CO1	To understand nature of human variation in terms of phenotypic and genotypic variation	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
79					60	CO2	To understand the population genetic basis behind development of variation in humans	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
79					60	CO3	Understand the causative factors resulting in phenotypic and genotypic variation in humans	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
79					60	CO4	Analyse the fallacy of race in light of current understanding of human variation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
79					60	CO5	To cultivate greater sensitivity & empathy towards larger community based on the current understanding of human variation	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
79					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
80	SEM V	T6175 - PP		Feminist Criticism, Semiotics, Psychoanalysis	60	CO1	The most important objective of this paper is to interpret Cinema as produced under male social systems.	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
80					60	CO2	Ensure that the student is fully trained to use the image and the agenda.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
80					60	CO3	The objective is to interpret world of women filmmakers all over the world and across the several decades.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
80					60	CO4	The students must apply and think over the problem of why there are no satisfying women/feminist filmmakers.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
81	SEM V	T6193 - PP		French A-1 - Paper3	60	CO1	Students will be able to construct, understand and use simple sentences. They should also be able to communicate and deal with various situations in daily life (e.g. at the airport, in a supermarket, at the Hotel etc)	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	
81					60	CO2	Students should be able to introduce themselves and others and talk about others and themselves e.g. their hobbies and personal details like where they come from etc. Likes/ dislikes, acceptances / refusals etc	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	

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86					60	CO3	Expose students to various writing exercises to stimulate their imagination.	Strong-H	-	Moderate-M	Strong-H	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M		
87	SEM V	T6258 - PP		Modern Western Philosophy	60	CO1	Ability to demonstrate familiarity with specifically, to accurately restate and fluently discuss the content and significance of selected views of the modern philosophers	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H		
87					60	CO2	Ability to explain, differentiate, and classify the modern views on some philosophical problems in the areas of epistemology, metaphysics and the philosophy of mind.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H		
87					60	CO3	Ability to analyse and interpret original texts (translated in English) from a variety of European cultures in the modern period in order to clarify their structure and express their main arguments and conclusions.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H		
87					60	CO4	Ability to examine and evaluate (as valid and/or sound) the arguments and conclusions of modern philosophers, with some reference to the contemporary significance of those arguments and conclusions.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H		
87					60	CO5	Ability to prepare, refine, and express extended written arguments concerning the correct interpretation of the modern philosophical texts and the correctness of those texts thus interpreted, following disciplinary norms for the construction of such arguments.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H		
87					60	CO6	Ability to Present and defend oral opinions on philosophical and interpretative questions arising from engagement with modern philosophical texts.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M		
87					60	CO7	Ability to analyse the impact of modernity in our social values and also to adopt a critical attitude towards the pitfalls of modernity	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	
88	SEM V	T6262 - PP		Advanced Ethical Theory	60	CO1	To examine the significance of Moral Philosophy in the history of ideas.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	
88					60	CO2	To contextually interpret various types of moral philosophy that has been done through the ages	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Weak-L	Weak-L	-	-	Strong-H	-	-	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	
88					60	CO3	To break down the philosophical underpinnings of various modern notions of morality	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H		
88					60	CO4	To synthesize the material learnt in class so as to be able to use the ideas in everyday situations.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	
89	SEM V	T6270 - PP		Logic	60	CO1	Recognize significance of rational and logical thinking in an objective manner	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	Strong-H	-	-	Weak-L	-	Weak-L	Moderate-M	-	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	-		
89					60	CO2	Understand essential ideas and techniques from logic that are widely used in Philosophy and various sciences and academic disciplines	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	-	Moderate-M	-	-	-	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	-	
89					60	CO3	Understand principles of argumentation and being able to distinguish good from bad argumentation	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	-	-	Weak-L	-	-	-	Weak-L	Moderate-M	Weak-L	-	Weak-L	-	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L		
89					60	CO4	Being able to analyse argumentation and reasoning in texts and conversations	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-
89					60	CO5	Develop logical skills to form well reasoned beliefs and evaluate persuasive views/reasons correctly, leading to correct judgement	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	

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90	SEM V	T6289 - PP	010125610	Indias Foreign Policy	60	CO1	1. Identify and analyze Indias Foreign Policy in the past, trace its evolution, and make use of this understanding to assess Indias contemporary policies	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
90					60	CO2	2. Construct an understanding of the gamut of considerations that play a role in foreign policy making	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
90					60	CO3	3. Understand the model of working of international organizations	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
90					60	CO4	4. Organize case studies to apply to theories of foreign policy making	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
90					60	CO5	5. Develop communication skills both written and verbal	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
91	SEM V	T6322 - PP		Sociology of Gender and Sexuality	60	CO1	To describe and discuss the basic concepts and theoretical perspectives in the sociology of gender and sexuality.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
91					60	CO2	To locate, review and translate the concept of gender and sexuality to social institutions and practices in Indian society.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
91					60	CO3	Equip students to express and explain the centrality of sexualities in cultural, social and political institutions and practices.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
91					60	CO4	Identify, summarize and translate concepts and theories to social constructions of gender and sexuality.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
91					60	CO5	Apply the course learning in evaluation of contemporary news and media disseminated information.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
92	SEM V	T6326 - PP		Contemporary Sociological Theories	60	CO1	Develop a strong conceptual foundation in contemporary sociological theory	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
92					60	CO2	Utilize theoretical sociology to enrich sensitivity, awareness and social concern relating to contemporary issues that challenge society	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
92					60	CO3	Develop transferable skills, particularly with reference to rigorous research writing, oral communication and presentation, critical and analytical thinking, creativity, and teamwork ability	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
92					60	CO4	Relate core sociological theory with contemporary scholarship that incorporates different media, including social media, to shed insight into local and global challenges	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
92					60	CO5	Discover and self-assuredly relate to the vast expanse of theoretical perspectives that contributes to sociologys intellectual heritage and to the comprehension of human society	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
93	SEM V	T6337 - PP		Understanding Feminisms	60	CO1	Conceptualising Gender	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
93					60	CO2	To promote understanding of Feminism to understand forms of discrimination in society	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
93					60	CO3	To raise consciousness, identity and ethics for a just world	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
93					60	CO4	To help students understand and contextualise feminist theory in global and Indian contexts	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
94	SEM V	T6341 - PP		Women and Environment Eco-feminism	60	CO1	The course will familiarize students with critical issues of environmental degradation and how it impacts women and other sections of population.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H

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94					60	CO2	It will discuss some of the discourses in gender and environment on ecofeminism, and feminist political ecology	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	
94					60	CO3	Students will analyse the key concerns around women and the development-environment debates.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
95	SEM V	T6349 - PP		Analysis of Current Events	60	CO1	Demonstrate a basic understanding of current affairs across the nation as well as the world and a more holistic approach towards observing facts	Strong-H	Strong-H	Moderate-M	-	Strong-H	-	-	Moderate-M	-	-	-	-	-	-	-	Strong-H	Strong-H	Strong-H	-	-	-	Strong-H	Moderate-M	-	
95					60	CO2	Relate how media represents society, culture, etc. through its various channels and what can be the reflections, perspectives and influences amongst the people.	Moderate-M	-	-	Strong-H	Moderate-M	-	-	Moderate-M	-	-	-	Moderate-M	Strong-H	Moderate-M	-	-	-	-	-	-	-	Strong-H	Strong-H	-	
95					60	CO3	Demonstrate observation, reflection and communication skills.	Strong-H	-	-	-	Strong-H	-	-	Strong-H	-	-	-	-	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Strong-H	-	-
95					60	CO4	Illustrate an understanding of influences of media on one hand and how are significant issues dealt with in modern media in the 21st century on the other.	Strong-H	Strong-H	-	Moderate-M	Strong-H	-	-	Moderate-M	-	-	-	Strong-H	-	Moderate-M	-	-	-	-	Moderate-M	-	-	-	-	-	-
95					60	CO5	Interpret current affairs not merely as recent events, but perceive their historical understanding and possible future repercussions.	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	Moderate-M	-	-	-	Strong-H	-	Moderate-M	-	-	-	-	Moderate-M	-	-	-	-	-	-
96	SEM V	T6785 - PP		History of Literary Criticism	60	CO1	To examine theoretically literature and art, its role, place and pleasures.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
96					60	CO2	Identify the major trends, concerns and influences of its theory and practice.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
96					60	CO3	Learn to analyze and appraise and do literary criticism	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	
97	SEM V	T6793 - PP		Biological Psychology	60	CO1	Students will be able to identify the functions of various bodily organs and organ systems	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
97					60	CO2	Students will be able to understand and predict or theorize about the effects of changes in these systems	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
97					60	CO3	Students will be able to identify how these biological factors can be influenced by external changes such as trauma, medications and medical conditions.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
98	SEM V	T8004 - PP		Community Outreach Programme (Service Learning)	60	CO1	To inculcate a sense of service towards the universe and the communities and to inculcate human, environmental and social ethics	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
99	SEM V	TE7478 - PP		Mathematical Methods in Physics	60	CO1	Demonstrate proficiency in the mathematical concepts needed for a proper understanding of physics	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H	
99					60	CO2	Interpret meanings of mathematical notations accurately in a given problem and across contexts	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H	
99					60	CO3	Outline methods of solving polynomial equations including those involving trigonometric, exponential and logarithmic identities	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H	
99					60	CO4	Interpret both algebraic and graphical representations of functions	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H	
99					60	CO5	Interpret derivatives as rates of change and integrals as lengths, areas, and volumes	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H	
99					60	CO6	Show how to model a physical system using the language of differential equations and linear algebra	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H	

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110					60	CO3	To enable students to analyse the contemporary programming in radio and television on indian general entertainment channels (GECs) by teaching them the basics of programming	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	
110					60	CO4	To create innovative aorv prgram concept by conducting audience analysis and apply them in the industry	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	
111	SEM VI	T6084 - PP		Socio-cultural Anthropology 2	60	CO1	Identify and develop an understanding of the adaptive social behavior and technological inventions / innovations to overcome ecological and social constraints	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
111					60	CO2	Develop an understanding of cultural diversity around the globe with significant insights into the cultural context through theoretical frameworks.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
111					60	CO3	Make use of the underpinnings of the ethnographic methods of community, field-based research to construct an understanding of people and society	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
111					60	CO4	Develop critical reasoning and analytical skills to solve contemporary issues	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
111					60	CO5	Apply theory and research to model policies	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
112	SEM VI	T6087 - PP		The History of Anthropological Theory and Changing Ethnography	60	CO1	identify the relationship between theory and method in anthropology through reading original works	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
112					60	CO2	make use of textual data to distinguish and appraise the theoretical orientations of the authors themselves	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
112					60	CO3	experiment, construct and test the theories and its application in contemporary ethnography for problem oriented studies.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	
112					60	CO4	organise a working strategy for future research design by relating the research question to the results published	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
113	SEM VI	T6107 - PP		Reading Popular Literature	60	CO1	Students will be able to define words like popular, literary and high literature and trace the origin and history of these words.	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	
113					60	CO2	Students should be able to classify and explain various theories about popular literature including genre theory as a distinct way to study the popular	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Weak-L	Strong-H	-	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	
113					60	CO3	Students should be able to distinguish and interpret various genres of popular literature	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Weak-L	Strong-H	-	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	
113					60	CO4	Students should be able to analyse and read specific texts to understand the issues at hand	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Moderate-M	Weak-L	Strong-H	-	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	
113					60	CO5	Students should be able to understand and discuss the interactions of popular literature with socio political and cultural histories	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
114	SEM VI	T6111 - PP		Literary Criticism 1	60	CO1	1 To differentiate the main trends in literary criticism as well as with the history of its forces and influences. "	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	
114					60	CO2	2 To develop skills of reading, analysis, critical thinking and writing through a close engagement with selected and representative texts. "	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	
114					60	CO3	3 To examine theoretically literature and art; its role, place and pleasures. "	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	
114					60	CO4	4 Analyze the historical evolution of literary critical thought "	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	

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114					60	CO5	5 Identify the major trends, concerns and influences of its theory and practice. "	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	
114					60	CO6	6 Learn to analyze and appraise and do literary criticism	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	
115	SEM VIII	T6135 - PP		Introductory Econometrics	60	CO1	To be able to understand the nature of Statistical Inference	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	
115					60	CO2	To be able to apply the basic understanding of econometrics theory.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	
115					60	CO3	To be able to apply the basic methods of inference to the practical problems in econometrics and empirical economics	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L	-	-	-	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	-	-
115					60	CO4	To be able to interpret the econometric results	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Weak-L	Weak-L	-	-	-	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	-	-
115					60	CO5	To be able to demonstrate the practical computing skills and able to interpret the methods applied.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Weak-L	Weak-L	-	-	-	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	-	-
116	SEM VI	T6150 - PP		Principles of Econometrics	60	CO1	To be able to understand the nature of Statistical Inference	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	
116					60	CO2	To be able to apply the basic understanding of econometrics theory.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	
116					60	CO3	To be able to apply the basic methods of inference to the practical problems in econometrics and empirical economics	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L	-	-	-	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	-	-	
116					60	CO4	To be able to interpret the econometric results	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Weak-L	Weak-L	-	-	-	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	-	-
116					60	CO5	To be able to demonstrate the practical computing skills and able to interpret the methods applied.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Weak-L	Weak-L	-	-	-	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	-	-
116					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
117	SEM VIII	T6172 - PP		Narrative Cinema	60	CO1	Students will become familiar with several traditions of storytelling, past and present, oral as well as written forms	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
117					60	CO2	Students should be able to learn how stories translate into cinema or how cinematic elements lend themselves to film narrative	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
117					60	CO3	Students should learn to recognise certain Narrative Theories	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
117					60	CO4	Students will learn how to write a story-starting from ones observation of the world and its people	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
117					60	CO5	Students should be able to examine how some great filmmakers have told stories, created film narratives-shape characters and events	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
118	SEM VI	T6176 - PP		Indian Parallel Cinema/Art Cinema/Regional Cinema	60	CO1	1.The basic objective in this paper is to analyze national policies, the desires of the civil society.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	
118					60	CO2	1. To point out how culture in the country is determined by market forces.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	
118					60	CO3	2. To identify how much current false knowledge about Indian cinema in India and abroad, the paper imparts a historiography of the country when the civil society was in tune with the cinema of the land—in the midst of crass commercialism.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
118					60	CO4	3. To distinguish talks about aesthetics and politics. While certain filmmakers could combine both, some others made films on either.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
118					60	CO5	4. To understand and analyse the middleclass. To learn about them is to learn about the history of the middleclass in India.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M

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118					60	CO6	5. To analyze ethnographic understanding of the rural and tribal communities. To learn about them is to learn about how the tribal groups have been looked at, how they have been colonized.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	
118					60	CO7	6. Some filmmakers engaged in highly contemporary art aesthetics trying at the same time to align with traditional formulations. To identify their works is to learn about Indian contemporary art practices and ancient art theories.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
119	SEM VI	T6192 - PP		French A-1 - Paper 2	60	CO1	1. Students will be able to recognize, construct, understand and use simple sentences. They should also be able to communicate and deal with various situations in daily life (e.g. at the airport, in a supermarket, at the Hotel etc)	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
119					60	CO2	2. Students should be able to introduce themselves and others and talk about others and themselves e.g. their hobbies and personal details where do they come from etc. Likes/ dislikes, acceptances / refusals etc	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
119					60	CO3	3. Students will develop text comprehension of medium difficulty level texts and application of the learnt language. Can communicate in a simple manner. Can respond to simple and uncomplicated speech.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
119					60	CO4	4. Students will develop intercultural and communicative skills.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
120	SEM VI	T6194 - PP		French A-2- Paper 4	60	CO1	A student can understand telephonic conversations(in office/ day to day life situations) simple media and can understand recorded messages	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	
120					60	CO2	Can talk about one's family and ones life and surroundings. And can converse in simple situations like reserving hotel room, buying a train ticket, shopping, can take/give interviews.(informal), and can talk about past events/stories, can compare: past events and present events/ two people/two things. And can invite someone (informal way)	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
120					60	CO3	Can read simple text containing complex sentences and simple short stories and can understand small advertisements, letters and short email (formal and informal)	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
120					60	CO4	Can write very simple emails, basic resume, can accept /refuse invitation (informal), can describe ones house, a short incident, can write a personal diary, about ones opinion	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	
121	SEM VI	T6200 - PP		German A-2 -Paper 4	60	CO1	1. Students can construct, understand and use complex sentences. They can give reasons, can talk about personal and professional journeys and festivals, describe photos and family members, can express their opinions, Can talk abt their intrests and hobbies	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
121					60	CO2	2. They can communicate in day to day situations like booking tickets, making official phone calls, inviting someone for birthday party / festival etc	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
121					60	CO3	3. Can greet on different occasions and festivals	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M

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121					60	CO4	4. Can react in certain situations, positively, negatively and surprised	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
121					60	CO5	5. Can write sms , emails and complaint letters	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
121					60	CO6	6. Development of intercultural and communicative skills	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
121					60	CO7	7. International Certification	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
122	SEM VI	T6206 - PP		Contemporary Latin America and Africa	60	CO1	The course seeks to enable the students to understand and relate to the problems and themes that shape contemporary Latin American and African society and culture.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
122					60	CO2	To help the students identify problems in Latin American societies namely immigration policies, the U.S. imperialism, the globalization of popular culture et	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
122					60	CO3	To enable the student to meaningfully analyze the relationship between the above two and their interrelation and mutual influence.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
123	SEM VI	T6211 - PP		History of Man : From Ape to Alexander and Beyond, a Study in World Culture	60	CO1	1 Students will demonstrate understanding of the big picture of the globalised human society in the context of the universe.	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
123					60	CO2	2 Students will illustrate a broad understanding of human existence by relating knowledge of natural and social sciences with humanities.	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
123					60	CO3	3 Students will infer the challenges of modern human society and the potential of sustainable and ethical lifestyles for the present and the future.	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
123					60	CO4	4 Students will relate the knowledge with their everyday life in the present and a possible intergalactic future of humanity.	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
123					60	CO5	5 Students will demonstrate an ability to manage time through submission of assignments and completion of activities/tasks.	Strong-H	-	-	-	Moderate-M	-	Moderate-M	-	-	-	-	-	Moderate-M	Strong-H	-	Moderate-M	-	-	Moderate-M	-	-	Moderate-M	Moderate-M	-	-
124	SEM VI	T6225 - PP		Urdu Paper 2	60	CO1	To identify and apply basic Urdu grammar.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
124					60	CO2	To identify and use essential Urdu vocabulary.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
124					60	CO3	To understand and distinguish the appropriateness of basic Urdu structures and expressions in a given context.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
124					60	CO4	To summarize short passages in written Urdu on everyday topics.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
124					60	CO5	To develop the ability to describe short passages on everyday topics in Urdu.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
125	SEM VI	T6227 - PP		Urdu Paper 4	60	CO1	To demonstrate comprehension through their writing skills.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
125					60	CO2	To practice oral skills with clear pronunciation and fluency.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
125					60	CO3	To practice reading and writing of the Urdu alphabet.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
125					60	CO4	To demonstrate an increased awareness in interpretation of context and appropriateness of language use.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
126	SEM VI	T6237 - PP		Bharatnatyam	60	CO1	Sketch the evolution of this ancient art form	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-	-	-	Strong-H	-	-	-	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M	Strong-H	-	Strong-H	
126					60	CO2	Help the students to develop their abilities to interpret and appreciate a Bharatnatyam performance	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-	-	-	Strong-H	-	-	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-

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126					60	CO3	Enable the student to operate and perform as an artist	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Strong-H	-	-	-	-	Moderate-M	-	Moderate-M	Strong-H	-	-	-	
126					60	CO4	Interpret this knowledge and apply it to choreography.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-	-	-	-	Strong-H	-	-	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-
126					60	CO5	Enable the students to discover technical skills of this dance form	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	-	-	-	-	Moderate-M	-	Moderate-M	Strong-H	-	-	-
126					60	CO6	Enable the students to relate to the terminologies, methods, classifications and trends of this 5000 year old classical dance form	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-	-	-	-	Strong-H	-	-	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-
127	SEM VI	T6243 - PP		Music of Asian America	60	CO1	summarize arguments on the importance of music and popular culture for defining and debating Asian American identity;	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-	-	-	-	Strong-H	-	-	-	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M	Strong-H	-	Strong-H
127					60	CO2	discuss how particular features of musical sound have been used to evoke racialized difference for Asian Americans	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	Strong-H	Moderate-M	-	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	-	Strong-H
127					60	CO3	formulate a unique and significant argument regarding a particular concept or theory in the study of Asian American music.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	-	-	-	-	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	-	-	Strong-H
128	SEM VI	T6251 - PP		Improvisation and Devising Theatre	60	CO1	Introduces students to the art of storytelling through improvisation. This course also focuses on the role of the actor as a creator, in order to develop the character, create scenes and build confidence to engage the audience	Strong-H	-	Moderate-M	Strong-H	-	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
128					60	CO2	Develop skills to gain insights about characters, their conflicts and resolution, which form the basic structure of a story	Strong-H	-	Moderate-M	Strong-H	-	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
128					60	CO3	Investigate through improvisation, the dramatic territories of comedy, tragedy, and drama	Strong-H	-	Moderate-M	Strong-H	-	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
128					60	CO4	Introduces students to devised theatre, which enables them to create their own stories, and to find a theatrical/dramatic language to bring their stories to life on the stage.	Strong-H	-	Moderate-M	Strong-H	-	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
129	SEM VI	T6259 - PP		Modern Indian Thinkers	60	CO1	To understand and illustrate the nature of Philosophy in the process of modernization of India.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
129					60	CO2	To sketch the role played by philosophy in the reassertion of India after colonization (Vivekanand, Arbindo, Tilak)	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
129					60	CO3	To understand with then historical context the engagement of then Indian political-philosophical thinkers with various socio politico issues in modern era(Gandhi Ambedkar,)	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
129					60	CO4	To relate the material learnt in class to various intellectual, social, political and economic issues facing India today, (Nation, Caste, Gender justice, economic policy, socialism)	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
129					60	CO5	To make students understand the philosophical roots of various ideological differences in modern India (Nation, Caste, Gender justice, economic policy, socialism)	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
130	SEM VI	T6263 - PP		Analytic Philosophy	60	CO1	- To analyze analytic philosophy in the context of the history of philosophy	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	-	Weak-L	Weak-L	-	-	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	
130					60	CO2	- To examine the philosophical themes and questions which analytic philosophy deals with	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	Weak-L	Weak-L	Moderate-M	-	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	-	
130					60	CO3	- To break down and critically discuss seminal texts within the analytic tradition	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	-	-	-	Moderate-M	Weak-L	-	-	Weak-L	Weak-L	-	Weak-L	-	Strong-H	Moderate-M	Strong-H	-	Moderate-M	Moderate-M	-	

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130					60	CO4	To appraise the contribution of analytic philosophy to the contemporary philosophical landscape	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	-	-	Moderate-M	-	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-	-	
131	SEM VI	T6290 - PP		International Law and United Nations	60	CO1	This paper will help students to discover the basics of world governance.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
131					60	CO2	The content of public international law and private international law can no longer be demarcated clearly. As global citizens, the students will discover how International Law delineates law in times of war and peace, on land and sea.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
131					60	CO3	The basic objective of this course is to familiarize the students with various legal concepts, rules and principles of international law, the interrelationship between international law and domestic law.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
131					60	CO4	Facilitate the students to understand and appreciate the evolution and development of concepts /rules/principles of international law frequently influenced by divergent factors, such as, political, economic, social, and commercial or other such relevant factors.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
131					60	CO5	To impart necessary skills involved in the analysis of the concepts , case laws and application of the same to enhance the analytical abilities of the students to a given hypothetical situation, and to encourage independent research activity, including article writing, project work, case comments and moot preparations.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
132	SEM VIII	T6297 - PP		Comparative Politics	60	CO1	The students are expected to define and interpret the various polities that exist in the modern world.In the process they will be able to compare and categorize the different political systems practiced around the world.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
132					60	CO2	The students will be able to examine the various political systems in terms of their larger generic dispositions and draw parallels in their functioning	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
132					60	CO3	The students will be able to compare and contrast the pros and cons of these different polities	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
133	SEM VI	T6301 - PP		Foundations of Public Administration	60	CO1	Enable the students to understand, comprehend and explain the concepts and scope of public administration	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
133					60	CO2	Enable the students to understand the different types and theories of public administration	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
133					60	CO3	Enable the students to understand the structure of Indian administration	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
133					60	CO4	Enable the students to understand the nature of civil service in India.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
133					60	CO5	Enable the students to understand issues in Indian administration such as corruption, e-governance and public services	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
134	SEM VI	T6323 - PP		Popular Culture, Media and Everyday Life	60	CO1	1. Develop a strong theoretical foundation in and develop the capacity to interpret the main debates around popular culture	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
134					60	CO2	2. Demonstrate the capacity to illustrate the intersections between popular culture and caste, class and gender	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L

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138					60	CO3	to interpret a more realistic and comparative understanding of how we fit into the vast expanse of the multiverse	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
139	SEM VII	T6791 - PP		Cognitive Psychology	60	CO1	Identify the main academic fields and other sub disciplines of psychology to which cognitive psychology is tied.	-	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
139					60	CO2	• Describe the main findings in the primary areas of scientific research within cognitive psychology.	-	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
139					60	CO3	Experience some of the basic phenomena studied in cognitive psychology via laboratory experiments and demonstrations	-	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
140	SEM VIII	T6794 - PP		Psychopathology	60	CO1	To interpret scholarly research pertaining to psychopathology.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-	Moderate-M	-	-	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
140					60	CO2	To understand the various ways that disorders are viewed by various cultures, professionals and the population at large.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	-	Moderate-M	-	-	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
140					60	CO3	The basics of identification and classification of mental illnesses.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	Moderate-M	-	-	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	
140					60	CO4	Understanding the human element of mental illnesses and the experiences of those that suffer from them	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	Moderate-M	-	-	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	
141	SEM VI	T6804 - PP		Final Year Seminar Paper	60	CO1	Identify a research question that falls within the scope of the broad seminar theme proposed by the seminar mentor through discussion and deliberation with the seminar group	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	-	-	Strong-H	Weak-L	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-
141					60	CO2	Plan the elements of research that will allow them to answer the research question posed by writing a research proposal	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	Weak-L	-	-	-	Strong-H	Weak-L	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-
141					60	CO3	Execute the research plan in a manner aligned with the expectations in the field(s) of research the students seminar paper is relevant to	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	Weak-L	-	-	-	Strong-H	Weak-L	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-
141					60	CO4	Analyze academic articles and recognize the key components of an academic article and structure their own paper to include the same	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	Weak-L	-	-	-	Strong-H	Weak-L	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-
141					60	CO5	Apply their writing skills in crafting a sound academic paper	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	-	-	-	Weak-L	-	-	-	Strong-H	Weak-L	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-
141					60	CO6	Demonstrate knowledge of the process of publishing work in academic journals by submitting their final paper to an academic journal for consideration	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	-	Moderate-M	-	Weak-L	-	-	-	Strong-H	Weak-L	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-
142	SEM VI	T6823 - PP		Advance Social Psychology	60	CO1	1. Identifying the theories and principles that underlie social psychology	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	-	Moderate-M	-
142					60	CO2	2. Examine and identify how to think about and study human behaviour	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	-	Moderate-M	-
142					60	CO3	3. Understand and critically examine scientific research	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	-	Moderate-M	-
142					60	CO4	4. Identify application of social psychological research to solve real-world problems	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	-	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	-	Moderate-M	-
142					60	CO5	5. Analyze different situations one encounters in everyday life	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	-	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	-	Moderate-M	-
143	SEM VI	T7516 - PP		Software Engineering	60	CO1	1. Analyze different software process models.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
143					60	CO2	2. Differentiate the advantages and disadvantages of the different process models.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
143					60	CO3	3. Outline software project planning, estimation and scheduling.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L

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148					60	CO2	Make use of theories in the topic to build a motivating work environment, how to resolve conflict	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M			
148					60	CO3	Demonstrate understanding of group dynamics and understand how to build empowered work teams	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H			
148					60	CO4	Demonstrate understanding of concepts of leadership and power and apply them through role playing scenarios	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H			
148					60	CO5	Identify the significance of Organizational Culture and the challenges of bringing about Organizational change	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H		
149	SEM VII	T2456 - PP		Financial Management	60	CO1	To understand the foundations of finance.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-			
149					60	CO2	To identify the techniques used in finance for decision making.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H		
149					60	CO3	To understand the concept of working capital and its application to corporate finances.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M		
149					60	CO4	To examine the different sources of finance.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H			
149					60	CO5	To analyse the theories, concepts, techniques that can be applied to corporate finance decision making whether - strategic, analytical or routine decisions.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M			
150	SEM VII	T2465 - PP		Fundamentals of Marketing	60	CO1	The objective of this paper is to identify the basic concepts of marketing.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M		
150					60	CO2	To give the students an understanding of the marketing elements and marketing process.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M		
150					60	CO3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
151	SEM VII	T2504 - PP		Accounting	60	CO1	Understanding the terms and terminologies used in finance such as capital, assets, liabilities, cash and credit transactions, profit/loss etc. Introduction to book keeping and accountancy. Its objectives and utility. Understanding the double entry system of book keeping.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Strong-H	-	Strong-H	-	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-		
151					60	CO2	Accounting concepts and principles used in maintaining the books of accounts. Such as Going concern concept, Accrual concept, materiality, prudence, cost concept etc.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-		
151					60	CO3	Understanding the different books of accounts such as Journal, ledgers, trial balance and financial statements of the companies. How to maintain all these books and the process of accounting through them.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	-		
151					60	CO4	Introduction to financial statements of Companies as per Schedule III of the Companies Act, 2013. Understand the formats of Balance sheet and Profit and loss account in case of companies. Difference between Private and Public Limited companies. Two class of shares Two types of markets: Primary and secondary and about share investments and building portfolios. Ways of raising funds for a company such as equity, debt, etc. Doing the cost risk and control analysis for it.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	-
151					60	CO5	Ratio analysis-One of the tools used for analysis of financial statements. Covers different liquidity, solvency, turnover and profitability ratios. Understanding their significance.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	

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170					60	CO2	Analyze and manipulate simple versions of these models	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M		
170					60	CO3	Apply the models to interpret and analyze real problems in international economics	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M		
170					60	CO4	Have knowledge of key institutions and important policy issues in the international economy	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M		
171	SEM VII	T6134 - PP		Theory and Application of Public Finance	60	CO1	1.To be able to outline the political and economic framework of the Indian economy	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	
171					60	CO2	2.To be able to evaluate the various economic actors and institutions within the Indian economy	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	
171					60	CO3	To be able to identify the various issues regarding development within the economy	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	
171					60	CO4	To be able to critically appraise various policies and measures that have been implemented	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	
171					60	CO5	5.To be able to inculcate an interdisciplinary approach to the study of various socio, political, cultural and economic issues	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	
172	SEM VII	T6140 - PP		Industrial Economics	60	CO1	It will help students understand the basic concepts of firm, industry and market which is vital to understand the functioning of the industrial sector.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	
172					60	CO2	It will help them learn about the different sources of industrial finance and the use to which it is put for.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	
172					60	CO3	It gives an insight into the various theories that are based on the location of an Industry.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	
172					60	CO4	It gives a gist about the recent developments in the industrial sector and problems faced by them.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	
172					60	CO5	It helps student understand the labor sector of the economy, gives an understanding of the various trade unions, their functioning and limitations.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	
173	SEM VII	T6148 - PP		Principles of Macroeconomics	60	CO1	Identify and discuss the basic fundamentals of Macroeconomics, related aggregates and the IS LM framework	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
173					60	CO2	Infer the various concepts in macroeconomics and its relevance in the modern day scenario.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
173					60	CO3	Identify basic tools for Macroeconomic analysis.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	
173					60	CO4	To enable students to understand, formulate, summarize and analyse economic data.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
174	SEM VII	T6151 - PP		Comparative Economics	60	CO1	1.) To be able to employ the basic conceptual tools for evaluating and comparing different economic systems.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
174					60	CO2	2.) Recognize and relate to the different strategies countries use to compete globally, promote economic growth and development, provide for the public good, and protect various national interests in an increasingly global environment	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
175	SEM VII	T6169 - PP		Silent Cinema	60	CO1	To relate earlier traditions of showing images and telling stories; to outline a brief history of the technological developments behind the art of the moving image	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M		
175					60	CO2	Learning how cinema was born. Learning to demonstrate the birth of cinema is also the birth of the art of mise en scene and story telling.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M		

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175					60	CO3	To show how national cinemas draw upon art, literary, and cultural traditions of the country	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
175					60	CO4	To follow how national cinemas have connected with the social and political histories of the country	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
175					60	CO5	To understand the many ways of telling stories and making images	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
176	SEM VII	T6171 - PP		The Cinematic Apparatus	60	CO1	To fully understand the cinematic image, correlate it with art traditions and to understand cinema as the art of the moving image, brought to us by a projector	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
176					60	CO2	To follow the history of the camera; to observe, infer, analyze how the camera produces cinematic image. Film format and the Aspect Ratio.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
176					60	CO3	To unpack and then compare the various arms of cinematic apparatus-filmmaking, production, exhibition, audience reception.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
176					60	CO4	To discover the mysteries of film editing; shot transition, rhythm, storytelling.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
176					60	CO5	To examine the works of different filmmakers in order to comprehend the various ways of playing with the different arms of the cinematic apparatus.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
177	SEM VII	T6173 - PP		Documentary Cinema or Non-Fiction	60	CO1	To discover the nature of various kinds of documentary and non-fiction films. To make use of the Reality Factor spectrum and realise the multiple nature of documentaries	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Moderate-M	Moderate-M	Strong-H
177					60	CO2	To be able to distinguish and identify the different forms of documentary and non-fiction films. To survey their history and historical trajectories.	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Moderate-M	Moderate-M	Strong-H
177					60	CO3	To inspect, analyse, and (at times) categorise particular films according to form, style and content.	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Moderate-M	Moderate-M	Strong-H
177					60	CO4	To observe, examine and appraise a situation in order to develop a documentary script; to determine the form and style of the intended film; to conduct interviews; to write shooting scripts, and make budgets	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Moderate-M	Moderate-M	Strong-H
177					60	CO5	To assess and critique different theories from the social sciences: history, anthropology and political sciences that filmmakers use in their films; to evaluate the world views contained in the films or propagated by individual filmmakers	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Moderate-M	Moderate-M	Strong-H
178	SEM VII	T6177 - PP		Cinema and the Market; Digital Cinema and the New Media	60	CO1	1) The objective of this paper is to analyze the role of the market as it takes over almost all aspect of cinema.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
178					60	CO2	2) To point out India, the cottage industry like situation changes to high capitalism.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M
178					60	CO3	3) To illustrate the tectonic shift of analogues to digital in terms of aesthetics.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
178					60	CO4	4) To synthesis and evaluate the multi-disciplinarity within cinema and relate it to New Media.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L
179	SEM VII	T6195 - PP		French A-2 - Paper 5	60	CO1	1.A student can understand telephonic conversations(in office or day to day life situations) simple media and can understand recorded messages	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M

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183					60	CO2	The course then seeks to understand the rise and spread of popular uprisings in the Arab world.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M		
183					60	CO3	To enable students to illustrate and interpret the trajectory of the middle eastern politics	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M		
184	SEM VII	T6228 - PP		Urdu Paper 5	60	CO1	a. Analyze passages written in Urdu of intermediate difficulty.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	
184					60	CO2	b. To illustrate writing skills of an intermediate level.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	
184					60	CO3	c. To illustrate spoken skills of intermediate complexity.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	
185	SEM VII	T6238 - PP		Odissi	60	CO1	1. Examine the evolution of Odissi as a dance form	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
185					60	CO2	2. Distinguish and compare the difference between Odissi and other dance forms	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
185					60	CO3	3. Take part in the practical aspects of the basics of Odissi and learn an item	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
185					60	CO4	4. Discover the nuances of the Chowks and Tribhanga, as well as the intricacies of the dance form	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
185					60	CO5	5. Test for improved flexibility, stamina and grace; and ability to demonstrate learning of the various components of the dance within a selected composition (Mangalacharan)	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
186	SEM VII	T6244 - PP		South Asian Performing Traditions	60	CO1	identify the performative elements associated with various styles of South Asian traditions of music, dance, theater, etc.	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-	-	-	-	Strong-H	-	-	-	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M	Strong-H	-	Strong-H	
186					60	CO2	situate those elements within their cultural, social and political contexts	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	Strong-H	Moderate-M	-	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	-	Strong-H	
186					60	CO3	summarize debate on the meaning and significance of South Asian performing traditions	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	-	-	-	-	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	-	-	Strong-H	
186					60	CO4	intervene in these debates by forwarding a critical perspective of their own.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	-	-	-	-	Moderate-M	-	Moderate-M	-	Strong-H	-	-	Strong-H	
187	SEM VII	T6252 - PP		Introduction to Dramatic Territories	60	CO1	Introduction to various theatrical styles, ranging from the Greek tragedy, to contemporary Indian drama	Strong-H	-	Moderate-M	Strong-H	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
187					60	CO2	Explore genres of comedy, drama and tragedy, and understand the workings of each of these territories	Strong-H	-	Moderate-M	Strong-H	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
187					60	CO3	Get familiar with various theories of performance, and the practical application of the same in staging both, western and Indian texts	Strong-H	-	Moderate-M	Strong-H	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
187					60	CO4	Introduction to classical and more ritualistic works of Indian drama, folk theatre, as well as contemporary theatre. These will serve as a social and political commentary of the times.	Strong-H	-	Moderate-M	Strong-H	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
188	SEM VII	T6260 - PP		Logic, Reasoning and Methodology	60	CO1	- To sketch and show the various foundational questions of logic as well as the foundations of specific logical systems	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	
188					60	CO2	- To categorize the different approaches to logic and reasoning learnt in class	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	-	Weak-L	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	
188					60	CO3	- To be able to identify important themes in Philosophical Logic	Strong-H	Weak-L	-	Strong-H	Strong-H	-	-	Weak-L	-	Weak-L	-	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	
188					60	CO4	- To examine various topics in logic that have a bearing of questions of methodology	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	
189	SEM VII	T6266 - PP		Schools of Contemporary Philosophy	60	CO1	Ability to have a comprehensive understanding of contemporary thinkers and their mode of thinking	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-		

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189					60	CO2	Ability to assimilate and integrate the ideas of conemporary thinkers in the light of the present day context	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	Weak-L	Moderate-M	-	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Moderate-M	Weak-L	
189					60	CO3	Ability to adopt a healthy critical attitude towards the ideas, approaches and methods of contemporary schools of Philosophy	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	-	
189					60	CO4	Ability to creately engage with and respond to the great minds of the 20th century	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	-	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	-	
189					60	CO5	Ability to make proactive analysis of the modern day social issues and offer both theoretical and practical responses to them	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	-	Strong-H	Moderate-M	Strong-H	Strong-H	
189					60	CO6	Ability to apply general philosophical theories to concrete problems and to argue for and against various positions within contemporary philosophical debate	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Weak-L	-	-	Moderate-M	Strong-H	Moderate-M	Strong-H	
189					60	CO7	Ability to argue systematically, including ones own views to critical reflection.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Weak-L	-	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	-	
190	SEM VII	T6291 - PP		International Political Economy and Development	60	CO1	1. To be able to analyze and appraise the political economic processes in the world today	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	
190					60	CO2	2. To examine international relations and the economic stresses therein	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L
190					60	CO3	3. To be able to understand the causes and consequences of the inter-dependence of the nations around the world.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	
190					60	CO4	4. To assess the existance and functioning of various international institutions around the world	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	
190					60	CO5	5. To be able to recognize and relate to the different strategies countries use to compete globally, promote economic growth and development, provide for the public good, and protect various national interests in an increasingly global environment	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	
191	SEM VII	T6295 - PP		Indian Political Thought	60	CO1	The students are expected to define and interpret the important socio-political concepts such as modernity, nationalism, colonialism and democracy.In the process they will be able to compare and categorize the different political values and ideals cherished by the Indian political thinkers.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Strong-H	Moderate-M	
191					60	CO2	The students will possess the ability to critically analyse and interpret the normative political traditions which came into being in the context of anti-colonial movement in India. The students will be able to develop a keen insight into the Idea of India and distinguish its various imaginations in the past 150 years.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	Moderate-M	Strong-H	
191					60	CO3	The student will be able to assess contemporary political and social values such as multiculturalism, nationalism and to some extent imagine the future world in terms of these value-systems.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	Moderate-M	Strong-H	
192	SEM VII	T6298 - PP		Ideology and Politics major	60	CO1	Gaining an understanding of basic concepts in political science and political ideologies	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Strong-H	Moderate-M	
192					60	CO2	Gaining knowledge regarding important political ideologies in contemporary world	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Strong-H	Moderate-M	
192					60	CO3	Evaluating application of ideologies through case studies	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	Moderate-M	Strong-H

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197	SEM VII	T6328 - PP		Sociology of Globalization: Global Culture, Economy, Emerging Issues	60	CO1	1. Demonstrate an understanding of the historical evolution of the concept of globalization and its intersection with society, economy, technology and culture.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
197					60	CO2	2. Identify the contested nature of the definition of globalization and the existence of multiple definitions of globalization.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
197					60	CO3	3. Apply the various theories of globalization and the idea of the global imaginary to the actual processes of globalization taking place in contemporary society.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
197					60	CO4	4. Discover and understand the various themes that exist within the broad scope of globalization, including but not limited to gender, culture, religion, migration, politics, environment, livelihood, state and cyberspace.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
197					60	CO5	5. Examine, from the current debates around globalization, what future possibilities can be imagined around this concept	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
198	SEM VII	T6338 - PP		Women and Work	60	CO1	To understand the gendered nature of work, and the distinction between paid & unpaid work and formal & informal work	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	
198					60	CO2	To examine the impact of political and economic changes/reforms, and globalization, on women, their livelihoods & employment	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H
198					60	CO3	Understanding the scenarios, support systems, laws and struggles of working women, engaging with case studies of women personalities	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
198					60	CO4	To examine areas of work such as sex-work, that has been refused a status as 'work' by its characterization	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Moderate-M	Strong-H	Strong-H	-	Strong-H	-	-	-	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
199	SEM VII	T6339 - PP		Socialization and Sexuality	60	CO1	1. Arrange, argue, asses and describe familiar institutions (family, marriage), everyday assumption (gender roles, masculinity/femininity) and seemingly 'natural' processes (reproduction, sexualisation) with a more critical and self-reflexive eye.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
199					60	CO2	2. Integrate and interpret key debates, theories and challenges.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
200	SEM VII	T6343 - PP		Class Caste Race and Patriarchy	60	CO1	1. Understanding the intersectionality of structures of inequality (such as caste, race, gender and patriarchy)	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
200					60	CO2	Analysing structures such as caste, class, race and patriarchy within specific socio-historical contexts	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
201	SEM VII	T6353 - PP		Shifting Homelands: Ideology, Migration and Conflict	60	CO1	interpret migration and population movement within the larger schema of Anthropology and Peace and Conflict Studies	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-
201					60	CO2	make use of the statistical data, field work, theoretical and ideological perspectives in migration for an interdisciplinary understanding of migration	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-
201					60	CO3	develop a critical understanding of migration within the context of globalization	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-
201					60	CO4	utilize the knowledge in developing possible solutions that arise due to migration in sending and destination countries.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	-
201					60	CO5	apply their knowledge towards policy framework	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	-

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202	SEM VII	T6355 - PP		Gender and Law	60	CO1	1. Students will be able identify the gender implications in a law or set of laws.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
202					60	CO2	2.2. Students will be able to discuss the fundamental issues in equality law.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
202					60	CO3	3.3. Students will be able to read cases about gender and sex.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
202					60	CO4	4.4. Students will be able to explain different perspectives the proper way to attain gender equality within or outside of the legal system.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
203	SEM VII	T6358 - PP		Culture in Making	60	CO1	Students will be able to summarize Meanings of Culture	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
203					60	CO2	Students should be able to interpret cultural institutions	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
203					60	CO3	Students should be able to explain culture and everyday histories	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
203					60	CO4	Students should be able to relate modernity and nation and post coloniality	Strong-H	Strong-H	Strong-H	Moderate-M	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
203					60	CO5	Students should be able to illustrate links between culture and power	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
204	SEM VII	T6363 - PP		Current Economic and Business Analysis	60	CO1	To use the present day global and domestic economic environment in analysis	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
204					60	CO2	To employ the concepts of the twin deficits Fiscal and Current Account Deficit (the why, how and what to do that comes out of such a study).	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
204					60	CO3	To relate to the economic challenges	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
204					60	CO4	To interpret the investment climate of India, the parameters to understand it and also to gauge the performance of the public sector.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
204					60	CO5	To discover the sunrise sectors and firms with future potentials which will help India move on to a higher growth trajectory.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
204					60	CO6	To interpret the desired policy framework required.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
205	SEM VII	T6367 - PP		Introduction to Film	60	CO1	Enable students to develop a basic understanding of the film medium	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
205					60	CO2	Develop a cohesive film viewing environment within the classroom, initiating a perspective for film making & viewing	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
205					60	CO3	Help students build and develop the basic terminology, parameters and workflows involved in film production.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
205					60	CO4	Introduce students to the planning, organizing and execution of the various stages of professional film making	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
205					60	CO5	Get students to experiment with the short film form applying the key processes involved in it to help them understand films in the professional world	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
206	SEM VII	T6370 - PP		Media and Consumer Behaviour	60	CO1	Understand the Consumer Behavior to apply in working concepts	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	-	-	Strong-H	-	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	
206					60	CO2	2Analyze and Developing target audience	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	-	-	Strong-H	-	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	
206					60	CO3	Analyze and Understand media design and consumer	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	-	-	Strong-H	-	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	
206					60	CO4	Analysis of Segmentation and CB	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	Moderate-M	Moderate-M	-	-	Strong-H	-	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	
206					60	CO5	Analyse and apply theory, understanding of basic concepts of Consumer behavior	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	-	-	Strong-H	-	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	

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207	SEM VII	T6409 - PP		Phenomenology abd Existentialism	60	CO1	1. Be introduced to basic existential thinkers and their theories.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M			
207					60	CO2	2. Develop a questioning attitude not only about the metaphysical concept of being but also a practical day-to-day existence.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M		
207					60	CO3	3. Apprehend the impact of these theories on our world-view today.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M		
207					60	CO4	4. Acquire basic training in and evaluate the phenomenological method of enquiry as an alternative to the analytic mode.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M		
208	SEM VII	T6671 - PP		Oops:Object Out of Place,the Unexplained and the Unexplainable	60	CO1	Develop research techniques that allow one to sort through contradictory material and find the core material.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-		
208					60	CO2	Apply Scientific techniques to analyze research material	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	Moderate-M	Strong-H	Moderate-M	-	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	
208					60	CO3	Identify Circular Proofs	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	
208					60	CO4	Develop an understanding of common themes across cultures	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	Weak-L	-	-	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-		
208					60	CO5	Be able to convey through presentations a detailed understanding of a topic.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	Weak-L	-	-	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-		
209	SEM VII	T6789 - PP		Major Theories in Psychology	60	CO1	Identify, describe, and apply the major theories of personality, including Psychoanalytic, Neo-psychoanalytic, Lifespan, Trait, Humanistic, Cognitive, Behavioral, and Social	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
209					60	CO2	Develop a deeper self-understanding of their own personality and personality bysynthesizing information from various theories	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
209					60	CO3	Develop a deeper self-understanding of their own personality and personality bysynthesizing information from various theories	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
209					60	CO4	Evaluate the limitations of the theoretical approaches used by personality psychologists to examine human behaviour.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	
209					60	CO5	Describe the nature of individual differences in personality and how these differences change over time	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
210	SEM VII	T6795 - PP		Counseling and Psychotherapy	60	CO1	to understand the nature and qualities of a counsellor and the counsellor-counselee relationship	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
210					60	CO2	to learn the various approaches to counselling	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
210					60	CO3	to develop an understanding of how counselling/psychotherapy skills can be applied to everyday situation as well as to areas such as relationships, stress, etc.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
210					60	CO4	to learn the different theoretical models and therapeutic processes of psychotherapy and counselling	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
211	SEM VII	TE7480 - PP		Thermal and Statistical Physics	60	CO1	Analyze energy conservation as expressed in the first law of thermodynamics	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H			
211					60	CO2	Develop the concept of heat	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H			
211					60	CO3	Explain the thermodynamics of the four basic processes of an ideal gas	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H			
211					60	CO4	Analyze the physics of simple heat engines and discover that there is a limit to the efficiency of a heat engine	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H			
211					60	CO5	Identify that statistical mechanics is the microscopic formulation of thermodynamics	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H			

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211					60	CO6	Contrast the statistical mechanics of systems in the microcanonical, canonical, and grand canonical formulations	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H		
211					60	CO7	Develop an understanding of when quantum effects are important in statistical mechanics	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H		
211					60	CO8	Apply concepts learned to perform quantitative calculations for ideal systems and begin modeling more realistic systems	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H		
212	SEM VIII	T1200 - PP		Human Rights and Related Laws	60	CO1	Building up a process of learning that develops proficiency of Human Rights concept	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
212					60	CO2	Learning the acceptable human rights culture	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
212					60	CO3	Enabling integration of concepts into values and decision making	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
212					60	CO4	creates skill and behavior that promotes dignity and equality in social life	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
213	SEM VIII	T2229 - PP		Basics of Corporate Governance and Ethics	60	CO1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
213					60	CO2	dadad	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
213					60	CO3	fsdsds	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
214	SEM VIII	T2529 - PP		Production / Operations Management	60	CO1	1. Basic operations management terms and concepts - Understand important operations management terms and concepts and how they are related to one another.	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L	Strong-H	-	-	-	Weak-L	Moderate-M	Strong-H	Moderate-M	-	-	
214					60	CO2	2.Link between operations and other functional areas - Understand the relationships between operations and other functional areas of a business such as marketing, finance, accounting, human resources, information systems, and logistics/ transportation and how they can work together to achieve the business strategy	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L	Moderate-M	-	-	-	Moderate-M	Strong-H	Strong-H	Moderate-M	-	-	
214					60	CO3	3.Operations management tools - Be able to understand and apply operations management tools such as control charts, quality tools, economic order quantity, and safety stock models. Problems and cases are assigned to assist you in learning these tools.	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L	Moderate-M	-	-	-	Moderate-M	Weak-L	Strong-H	Moderate-M	-	-	
214					60	CO4	4.Operations management practice - Be able to critically evaluate and apply important and new operations management philosophies such as Six Sigma, Lean, Service Management and theory of constraints to daily life.	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	-	-	
214					60	CO5	5.Operations Team working-Engage successfully in workspaces through teamwork, conflict resolution, problem solving, ethical behaviour, adaptability and leadership	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L
215	SEM VIII	T2548 - PP		Introduction to Stastical Software	60	CO1	The Objective of the course is to give students the opportunity to have a hands on experience of how data is processed with the help of sophisticated software such as the SPSS, R etc.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
216	SEM VIII	T2549 - PP		Graph Theory	60	CO1	1. Define a mathematical graph, and identify edges and vertices	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	-	-	-	-	-	Moderate-M	Weak-L	-	Weak-L	-		
216					60	CO2	2. Construct graphs given a real-life network	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	-	-	-	-	-	Moderate-M	Weak-L	-	Weak-L	-		
216					60	CO3	3. Understand modern developments in network science	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	-	-	-	-	-	Moderate-M	Weak-L	-	Weak-L	-		
216					60	CO4	4. Understand evolution of structure and dynamics on a network	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	-	-	-	-	-	Moderate-M	Weak-L	-	Weak-L	-		

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216					60	CO5	5. Explain concepts in graph theory clearly in oral, written, and visual forms	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	-	-	-	-	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	
217	SEM VIII	T2552 - PP		Media Research and Capstone Project	60	CO1	1 Build awareness about media sectors	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
217					60	CO2	2 Evolve an academic and practical vision of the sector	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
217					60	CO3	3 Be able to offer this research paper as a vital piece of documentation to prospective employees or academic postgraduate institutions	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
217					60	CO4	4 Develop strong critical thinking skills	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
217					60	CO5	5 Allow students to build a learning and research profile	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
218	SEM VIII	T2558 - PP		Ethics and Corporate Governance	60	CO1	develop understanding of application of ethics in business behaviour	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
218					60	CO2	conceptual understanding of corporate social responsibility	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
218					60	CO3	understanding importance of engaging stakeholders and deriving competitive advantage therefrom.	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
218					60	CO4	Identifying,evaluating the challenges to be tackled through corporate initiatives	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
218					60	CO5	Identifying stakeholders and their roles in determining the rise and fall of the organisation.	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
219	SEM VIII	T3533 - PP		Software Project	60	CO1	Each student will have to do a small module within a software project. The project may be carried out in a group. Students will have to provide the demonstration and submit the documentation along with soft copy of the entire work done by each.	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	
219					60	CO2	To learn the documentation required within each stage of any Software Project	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
219					60	CO3	To learn how to work in a team and learn People Management, risk assessment, calculate the financials	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M
219					60	CO4	To bring employability as an essential knowledge, along with skills in real life Project management	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H	
220	SEM VIII	T3533+T3534 - PP		Software Project and Computer Organization	60	CO1	To learn about the stages of a System Life Cycle	Weak-L	-	Weak-L	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	Weak-L	Weak-L	-	Weak-L	-	Moderate-M	-		
220					60	CO2	To learn the documentation required within each stage of any Software Project	Weak-L	-	Weak-L	Moderate-M	-	-	Weak-L	-	-	-	-	-	-	Weak-L	Weak-L	-	Weak-L	Moderate-M	Weak-L	-	Weak-L	Weak-L	Moderate-M	Moderate-M	-
220					60	CO3	To learn how to work in a team and learn People Management, risk assessment, calculate the financials	Moderate-M	-	Weak-L	Moderate-M	Weak-L	-	Weak-L	-	-	-	-	-	-	Weak-L	Strong-H	-	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-
220					60	CO4	To bring employability as an essential knowledge, along with skills in real life Project management	Moderate-M	-	Weak-L	Weak-L	Weak-L	-	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	-
220					60	CO5	To understand the concept of Computer Architecture	Moderate-M	Weak-L	Weak-L	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Weak-L	Weak-L	Moderate-M	-	
220					60	CO6	To learn how a computer is organized based on the defined architecture	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	-	Weak-L	-	-	-	-	-	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-	Weak-L	Moderate-M	Moderate-M	Weak-L	-
220					60	CO7	To know more about how the Memory, Processor and Input Output devices work	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	-	-	-	-	-	-	Weak-L	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	Weak-L	Moderate-M	Moderate-M	Weak-L	-
220					60	CO8	To gain knowledge enough to be employable	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	-	-	-	-	Weak-L	-	Weak-L	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	-
221	SEM VIII	T3534 - PP		Computer Organization	60	CO1	To understand the concept of Computer Architecture	Moderate-M	Weak-L	Weak-L	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Weak-L	Weak-L	Moderate-M	-		
221					60	CO2	To learn how a computer is organized based on the defined architecture	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	-	Weak-L	-	-	-	-	-	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-	Weak-L	Moderate-M	Moderate-M	Weak-L	-
221					60	CO3	To know more about how the Memory, Processor and Input Output devices work	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	-	-	-	-	-	-	Weak-L	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	Weak-L	Moderate-M	Moderate-M	Weak-L	-
221					60	CO4	To gain knowledge enough to be employable	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	-	-	-	-	Weak-L	-	Weak-L	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	-

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233					60	CO4	Students should be able to plan, organise, analyse and write two major essays that showcase these sweeps of history and the making of certain films.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
233					60	CO5	Students should be able to relate and discover how in the era of Globalization, monstrous consumerism, and Digital cinema much of the above undergo interesting mutations and problematic changes in human values.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
234	SEM VIII	T6178 - PP		Film Analysis and Research	60	CO1	1. The objective of this paper is to assemble and practice all that the students learn in the previous semesters.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	
234					60	CO2	2. The students are required to summarize film in its entirety—at all the aspects that are there in the film.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
234					60	CO3	3. They are required to synthesize the intentions of the artist.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	
234					60	CO4	4. To explain a film and its maker as part of national and global history of cinema.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	
234					60	CO5	5. The objective of this paper is to develop deep understanding of research methodology.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
234					60	CO6	6. The research teaches the students the role of cinema as important cultural and social phenomenon.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
234					60	CO7	7.The research further construct a deeper understanding for the students that cinema is closely linked to contemporary history in so many different ways.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
234					60	CO8	8.In this paper, they bring into full maturation their ability to write long essays.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
234					60	CO9	9. The objective is to plan & prepare the students for the writing of books.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
235	SEM VIII	T6196 - PP		French A-2 - Paper 6	60	CO1	A student can understand telephonic conversations (in office/ day to day life situations) simple media and can understand recorded messages	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
235					60	CO2	2. Can talk about ones family and ones life and surroundings. And can converse in simple situations like reserving hotel room, buying a train ticket, shopping, can take, give interviews. (informal), and can talk about past events/stories, can compare: past events and present events/ two people/two things. And can invite someone (informal way)	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
235					60	CO3	Can read simple text containing complex sentences and simple short stories and can understand small advertisements, letters and short email (formal and informal)	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
235					60	CO4	Can write very simple emails, basic resume, can accept /refuse invitation (informal), can describe ones house, a short incident, can write a personal diary, about ones opinion	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
236	SEM VIII	T6202 - PP		German A-2- Paper 6	60	CO1	Students can construct, understand and use complex sentences. They can give reasons, can talk about personal and professional journeys and festivals, describe photos and family members, can express their opinions, Can talk abt their intrests and hobbies	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M

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236					60	CO2	They can communicate in day to day situations like booking tickets, making official phone calls, inviting someone for birthday party/festival etc	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	
236					60	CO3	Can greet on different occasions and festivals	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	
236					60	CO4	Can react in certain situations, positively, negatively and surprised	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	
236					60	CO5	Can write sms , emails and complaint letters	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	
236					60	CO6	Development of intercultural and communicative skills	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	
236					60	CO7	International Certification	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	
237	SEM VIII	T6208 - PP		The Emerging Global Order	60	CO1	The course seeks to analyse the existing form of Governments, in view of their historical backgrounds	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
237					60	CO2	To help students analyse factors influencing global order such as class conflict, timing of industrialization, the nature of the elite, and the influence of political culture affect the development of political institutions.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	
237					60	CO3	To comprehend and infer the factors affecting political order in underdeveloped countries.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
238	SEM VIII	T6229 - PP		Urdu Paper 6	60	CO1	To enable students, to read and analyze Urdu literature or material relating to Urdu culture.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	
238					60	CO2	The course will allow students to identify and develop their skills in accordance with their own academic interests.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	
238					60	CO3	To contrast and develop various forms of artistic expression.	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	
239	SEM VIII	T6239 - PP		Uday Shankar Style of Creative Dance	60	CO1	To identify different rhythms, and instill in them a sense of discipline, concentration, alertness and a sense of space.	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	
239					60	CO2	To harness their imagination generate thorough their creativity, various themes based on Uday Shankar Style of Creative Dance	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	
239					60	CO3	Develop in the students a sense of team spirit as well as they will be working towards a common production	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	
239					60	CO4	Outline and teach the students the basics of choreography	Strong-H	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	
240	SEM VIII	T6245 - PP		World Music: Crossroads of Space, Place and Identity	60	CO1	Outline the importance of Music from various parts of the world	Moderate-M	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-	-	-	Strong-H	-	-	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	
240					60	CO2	Relate the texts being studied with the socio-political background that they emerge from	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	Strong-H	Moderate-M	-	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	-		
240					60	CO3	Interpret the texts in relation to the musical history	Moderate-M	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Strong-H	-	-	-	-	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-		
240					60	CO4	Compare and contrast theories of music under study	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Strong-H	-	-	-	-	Moderate-M	-	Moderate-M	Strong-H	-	-	-		
240					60	CO5	Develop the critical understanding through cross-cultural competencies	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	-	Strong-H	-	Strong-H	Moderate-M	Strong-H	-	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-
241	SEM VIII	T6261 - PP		Philosophy of Science	60	CO1	To distinguish and categorize various themes in the philosophy of science	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Weak-L	Moderate-M	-	-	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M		
241					60	CO2	To critically analyze the practice and methodology of science in order to better understand its unique place in the sciences	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	-	Moderate-M	Weak-L	-	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	-	
241					60	CO3	To be able to sketch and to summarize the development of science, its influence on philosophy and vice versa	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L		

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242	SEM VIII	T6265 - PP		Pragmatism	60	CO1	To explain the role of pragmatism in the context of the history of philosophy	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	-	-	Moderate-M	Moderate-M	-	Weak-L	-	Weak-L	-	-	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	-		
242					60	CO2	To compare and contrast philosophical themes and questions which pragmatism deals with	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-	-	Weak-L	-	Moderate-M	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	-		
242					60	CO3	To understand and evaluate seminal texts within the pragmatic tradition	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	-	-	-	Weak-L	-	-	-	Weak-L	-	-	Weak-L	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	-		
242					60	CO4	To appreciate the significant contribution of pragmatism to the contemporary philosophical landscape	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	-	Weak-L	Moderate-M	-	Weak-L	-	Strong-H	-	-	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L		
242					0	CO5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
243	SEM VIII	T6292 - PP	010125510	Issues in World Politics	60	CO1	Analyse the causes and effects of important developments in contemporary world	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H	-	Strong-H	-	Strong-H	Strong-H		
243					60	CO2	Analyse the usefulness of international relations theories in understanding important issues in contemporary world	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Strong-H	Moderate-M	-	Strong-H	-	-	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	Moderate-M	Strong-H		
243					60	CO3	Compare different propositions on contemporary issues and analyse the validity of these propositions	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	-	-	Strong-H	Moderate-M	-	Moderate-M	-	-	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	Moderate-M	Strong-H		
243					60	CO4	Demonstrate ability to communicate using audio-visual tools	-	-	-	-	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Strong-H	-	-	-	-		
243					60	CO5	Demonstrate requirements of academic writing (clarity of writing, organization of the paper and referencing)	-	-	-	-	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Strong-H	-	-	-	-		
244	SEM VIII	T6293 - PP		Leadership and World Politics	60	CO1	Explain the role of leadership and their influence on events in different regions of the world.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	-	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	Moderate-M	Strong-H	
244					60	CO2	Relate the interdependence between local and global politics.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	Moderate-M	Strong-H	
245	SEM VIII	T6299 - PP		Catch 22 in Politics	60	CO1	Will involve analysis of policies which are grey in nature with both positives and negatives associated with it	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
245					60	CO2	Examine policies and separate normative questions from empirical processes	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
245					60	CO3	Discover the various parameters that drive policy making like ethics, morality, social justice, humanitarian interests and so on.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
245					60	CO4	Dissect the context in which the seemingly conflicting policies arise	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
245					60	CO5	Develop communication skills both written and verbal	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L
246	SEM VIII	T6303 - PP	010125522	Public Policy and Governance in India	60	CO1	Enable the students to understand, comprehend and explain the concepts and scope of public policy and governance	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
246					60	CO2	Enable the students to understand the different types and theories of public policy	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
246					60	CO3	Enable the students to understand the process of public policy making in India and the role of different state and non-state actors in this process	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
246					60	CO4	Enable to students to understand the challenges before governance in the effective implementation of public policies	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
246					60	CO5	Enable the students to analyse public policies in the context of broader social, economic, constitutional and political processes	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
247	SEM VIII	T6317 - PP		Contemporary Studies and Dissertation in Psychology	60	CO1	To understand the current trends in different fields of research and practice in Psychology.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	
247					60	CO2	To develop critical thinking in Psychology.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-

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247					60	CO3	Experience some of the basic processes of different types of writing in Psychology	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	
247					60	CO4	To learn how to apply new ideas	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	
248	SEM VIII	T6325 - PP		State, Civil Society and Market	60	CO1	Demonstrate an understanding of the evolution of the postcolonial state through constitutional measures and grassroots mobilizations	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
248					60	CO2	Interpret the origin of civil society and market in Europe and compare its dynamics in the Indian context.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
248					60	CO3	Relate and employ the basic concepts and theories related to the state, civil society and market and apply them to the India scenario.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
248					60	CO4	Predict the changing relationships between state, civil society & market as social structures in India and the world.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
248					60	CO5	Interpret and illustrate with suitable examples the mobilization of state, civil society and market in India in the era of globalization	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
249	SEM VIII	T6329 - PP		Analysis and Research in Sociology: Dissertation	60	CO1	1. Develop a research project on issues relevant to current times.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
249					60	CO2	2. Demonstrate an ability to organize, plan, prepare a dissertation which can be published and disseminated widely for the advantage of the students.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
249					60	CO3	3. Apply sociological theories in a relevant manner to shed light on the chosen research question through a comprehensive literature review	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
249					60	CO4	4. Construct an argument by identifying a suitable sample, and by using techniques such as interview and questionnaire to supplement the literature review	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
249					60	CO5	5. Demonstrate an ability to effectively interpret the findings of the empirical data/secondary research and relate to or build upon the theoretical premise	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
250	SEM VIII	T6340 - PP		Representation of Gender in Image and Word (Film/TV/Literature/Advertising/Music)	60	CO1	Identify and understand the ways in which the media constructs and perpetuates stereotypes and ideal body types	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	
250					60	CO2	Understand and explain the relationship between cultural expectations of sex, gender, and sexual orientation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	
250					60	CO3	Understand how representation of gender can perpetuate violence	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	
251	SEM VIII	T6354 - PP		Political Philosophy	60	CO1	To gain a firm grounding in the central questions in political philosophy	Strong-H	Weak-L	-	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	-	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Moderate-M	-	
251					60	CO2	To recognize philosophical perspectives with regard to peace and conflict.	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	-	Weak-L	Moderate-M	Weak-L	-	Strong-H	Weak-L	-	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	-	Weak-L	-	
251					60	CO3	To be able to draw out larger philosophical themes with regard to peace and conflict from particular cases of conflict.	Moderate-M	Strong-H	Moderate-M	Strong-H	-	Weak-L	Weak-L	Moderate-M	Weak-L	-	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L	Weak-L	
251					60	CO4	Engage in educated discussions on questions of central importance bearing on politico-philosophical issues with regard to peace and conflict.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Moderate-M	Weak-L	
252	SEM VIII	T6356 - PP		Independent Study	60	CO1	take part in independent and self-directed research involving collection of primary and secondary data	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M

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252					60	CO2	examine, categorize, compare and draw relations within primary or secondary data	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	
252					60	CO3	make informed inferences and draw conclusions within the area of study undertaken during the course	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	
253	SEM VIII	T6622 - PP		Psychology of Adjustment and Human Relationships	60	CO1	1. Understanding the theories of personality with relation to self	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	-	-	-	Moderate-M	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	Moderate-M	Moderate-M	Moderate-M
253					60	CO2	2. Development of effective strategies for improving academic performance, understanding factors which contribute to social conformity and compliance, career choices	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	-	-	Moderate-M	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	Moderate-M	Strong-H	Moderate-M
253					60	CO3	3. Understanding the self - self-esteem, self-attributions, self-regulation, self-presentation and understanding the impact it has on adjustment; understanding gender and sexual identities	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	-	-	-	-	-	Moderate-M	-	Moderate-M	-	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	
253					60	CO4	4. Understanding human relationships and their dynamics	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	Moderate-M	-	-	-	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	Moderate-M	Strong-H	
253					60	CO5	5. Understanding the relationship between stress and health	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	-	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	-	Moderate-M
254	SEM VIII	T6776 - PP		German B-1.1- Paper 6	60	CO1	Reading skills Comprehending the gist of clear texts of intermediate difficulty related to personal areas and needs of everyday life, selective and global understanding of texts	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
254					60	CO2	Writing skills Write personal and formal emails, dialogues, short texts related to familiar subjects and personal interests using a limited repertoire of words and structures	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
254					60	CO3	Listening skills Understand authentic, audio texts, pronunciation, accent, intonation, simple sentences, common structures and words from important everyday situations (e.g. basic personal and family information, shopping, local area and employment).	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
254					60	CO4	Grammar Understanding rules of Grammar, sentence structures, practicing grammar through speaking and writing skills etc.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
254					60	CO5	Speaking skills Communicating in daily situations using simple terms, expressions and sentences on daily aspects of her/his environment (e.g. people, places, a job or study experience).	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
255	SEM VIII	T6857 - PP		Research Project	60	CO1	Understand and demonstrate requirements of conducting research in the relevant discipline (student's choice of Major discipline)	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	Moderate-M	-	-	-	Strong-H	-	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	
255					60	CO2	Understand and apply techniques of data collection	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	Moderate-M	-	Moderate-M	-	Strong-H	-	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	
255					60	CO3	Analyse the literature on the research question to identify relevant gaps	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	Moderate-M	-	Moderate-M	-	Strong-H	-	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	
255					60	CO4	Analyse data in a methodologically rigorous manner	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	Moderate-M	-	-	-	Strong-H	-	Strong-H	Strong-H	-	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	
255					60	CO5	Demonstrate requirements of academic writing	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-	Strong-H	-	Strong-H	Strong-H	-	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	-	
256	SEM VIII	T7518 - PP		Theory of Computation	60	CO1	1. Illustrate Automata Theory, its types and inter conversions like Deterministic Finite Automata (DFA), Non-Deterministic Finite Automata (NFA) and e-NFA.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	

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259					60	CO6	Develop appreciation for the inseparability of science and society, for the need for intellectual curiosity, and for the role of both imagination and reasoning in scientific advancements																								

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis School for Liberal Arts Programme Name : Bachelor of Arts (Liberal Arts) Honours / Bachelor of Science (Liberal Arts) Honours

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1.1	Demonstrate an understanding of the methods of inquiry and analysis both within and among traditional liberal arts and sciences disciplines (humanities, natural sciences, physical sciences, social sciences)
2	GA1	Scholarship: research, inquiry and lifelong learning	PO1.2	Combine core disciplinary training along with contemporary scholarship through research and analysis
3	GA1	Scholarship: research, inquiry and lifelong learning	PO1.3	Develop a strong academic foundation in interdisciplinary, multidisciplinary and trans disciplinary understanding of the world 1.
4	GA3	Eco-literate: sensitivity towards a sustainable environment	PO1.4	Identify problems and contribute to effective problem solving using domain expertise
5	GA1	Scholarship: research, inquiry and lifelong learning	PO1.5	Enhance transferable skills such as robust and rigorous research capability, analytical skills, quantitative reasoning, critical thinking, effective communication and writing
6	GA3	Eco-literate: sensitivity towards a sustainable environment	PO1.6	Use domain knowledge and research skills to contribute towards a sustainable environment
7	GA2	Global citizenship: ethical, social and professional understanding	PO1.7	Apply ethical principles to professional and academic life
8	GA2	Global citizenship: ethical, social and professional understanding	PO2.1	Demonstrate civic mindedness through communication and action
9	GA2	Global citizenship: ethical, social and professional understanding	PO2.2	Contributes to the local, regional, national and global communities
10	GA3	Eco-literate: sensitivity towards a sustainable environment	PO2.3	Demonstrate sensitivity towards environment and promote sustainable development
11	GA2	Global citizenship: ethical, social and professional understanding	PO2.4	Act with sensitivity, awareness, and social concern on issues of equity and social justice as effective citizens towards development and growth of socially and culturally marginalized groups
12	GA2	Global citizenship: ethical, social and professional understanding	PO2.5	Assume ethical leadership roles for innovative problem solving within organizations and communities
13	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3.1	Effectively apply domain knowledge, research and communication skills in the professional space
14	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3.2	Engage successfully in workspaces through teamwork, conflict resolution, problem solving, ethical behaviour, adaptability and leadership
15	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3.3	Adapt to a dynamic multicultural and globally integrated economy
16	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3.4	Utilize practical and experiential learning and ability to bring together information to create or identify effective sustainable solutions

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19					60	CO6	Be aware of the security concerns of the IT world and take precautions for the same	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
20	SEM I	T3217 - PP		Fundamentals of IT	60	CO1	To be tech savvy enough to work efficiently on the computer	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	
20					60	CO2	Ability to browse and search on the internet for any topic easily, and be aware of security concerns	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	
20					60	CO3	Ease in working with Documents, prepare reports as per the given formats	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	
20					60	CO4	Ease in working Spreadsheets, make calculations, graphs or lists	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	
20					60	CO5	Presentation skills and working in a group	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	
20					60	CO6	Be aware of the security concerns of the IT world and take precautions for the same	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	
21	SEM I	T3253 - PP		Design Tools-III	60	CO1	Student will learn Layouts for design by using Indesign application.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	-	Weak-L	-	Weak-L	Weak-L	Weak-L	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Weak-L	
21					60	CO2	They will learn the layouts for Newspaper, Magazine Cover Content	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	-	Weak-L	-	Weak-L	Weak-L	Weak-L	Weak-L	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Weak-L	
21					60	CO3	They will learn Brochure Design and Printing basic design information	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	-	Weak-L	-	Weak-L	Weak-L	Weak-L	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Weak-L	
21					60	CO4	Novel Layout for books.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	-	Weak-L	-	Weak-L	Weak-L	Weak-L	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Weak-L	
21					60	CO5	Develop skills for employability and entrepreneurship	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	-	Weak-L	Weak-L	Weak-L	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Weak-L	
22	SEM I	T3254 - PP		Design Tools- IV	60	CO1	Student will learn Layouts for design by using Illustrator application.	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	
22					60	CO2	They will learn to create basic logos	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	
22					60	CO3	They will learn to create products	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	
22					60	CO4	Text layouts	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	
22					60	CO5	Learn skills to be employable and have entrepreneurial capabilities	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	
23	SEM I	T3323 - PP		Computer Fundamentals and Applications- Introduction to Computers	60	CO1	· Understand the extent of the applicability of computers in today's world	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
23					60	CO2	· Be able to apply all the concepts learnt in class with regard to various computer applications	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
23					60	CO3	· The students should know how to operate the computer, with enough practice. They should have confidence in using the computers and knowing a little trouble shooting when required.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	
23					60	CO4	· Have a working knowledge of computers	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
23					60	CO5	· Apply their knowledge for all practical purposes	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
24	SEM I	T3326 - PP		Foundation of Web Technologies	60	CO1	This is an introductory course focused on basics of web technologies such as HTML, CSS, and various scripting languages . It also covers concepts of ecommerce and Web security. This course prepares the student for the courses on advanced internet web technologies in the subsequent semesters.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
25	SEM I	T4392 - PP		Introduction to Wellness Management, Complementary and Alternative Medicine	60	CO1	1. Classify the different types of CAMs, which are broadly classified into three types.	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Moderate-M	-	-	Moderate-M	Weak-L	-	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M	
25					60	CO2	2. Mind and body interaction. This includes yoga, meditation, pranayam etc. to harmonize the mind, body and soul.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Weak-L	Moderate-M	-	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M	

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25					60	CO3	3. Interpreting the diet need according to the lifestyle, gender, and age of a person, and the use of nutritional supplements in offsetting the deficiency. Knowing the adverse effects of nutritional supplement abuse etc.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Weak-L	Moderate-M	-	-	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M
25					60	CO4	4. The use of massage, acupuncture, reflexology, light, etc. to ease physical pains, mental stress etc.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Weak-L	Moderate-M	-	-	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M
25					60	CO5	5. Interpreting the wellness management helps the student to identify and understand various stresses and disease factors at work, home and in his daily life and to make decisions positively, to find and work a solution to his problem.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Weak-L	Moderate-M	-	-	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M
26	SEM I	T4403 - PP		Health and Wellness Management	60	CO1	1. To identify where individuals are going wrong with regards to their lifestyle.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
26					60	CO2	2.To use the knowledge learned and apply that to reform their lifestyle	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
26					60	CO3	3. To study in greater depth, the influence of lifestyle on sustaining a healthy mind, body and intellect.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
26					60	CO4	4. To learn how to plan a healthy lifestyle for persons of different age groups and health types.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
27	SEM I	T6014 - PP		Basic French 1	60	CO1	1 Students will be able to recognize, construct, understand and use simple sentences. They will also be able to communicate and deal with various situations in daily life e.g. at the airport, in a supermarket, at the Hotel etc	-	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-	Moderate-M	Weak-L	-	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	-
27					60	CO2	2 Students will be able to introduce themselves and others and talk about others and themselves e.g. about their hobbies and personal details like where they come from etc. their likes dislikes, acceptances refusals etc - Strong	-	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-	Strong-H	-	-	Strong-H	Moderate-M	Strong-H	Weak-L	-	-	Strong-H	Weak-L	-
27					60	CO3	3 Students will develop text comprehension of medium difficulty level and application of the learnt language. They will be able to communicate in a simple manner. They will be able to respond to simple and uncomplicated speech. Strong	-	-	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	-	-	-	-	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	-	Strong-H	Moderate-M	-
27					60	CO4	4 Students will develop intercultural and communicative skills Moderate	-	-	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-	Weak-L	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Strong-H	Moderate-M	-
28	SEM I	T6015 - PP		Basic French 2	60	CO1	1 Students will be able to recognize, construct, understand and use simple sentences. They will also be able to communicate and deal with various situations in daily life e.g. at the airport, in a supermarket, at the Hotel etc	-	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-	Moderate-M	Weak-L	-	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	-
28					60	CO2	2 Students will be able to introduce themselves and others and talk about others and themselves e.g. about their hobbies and personal details like where they come from etc. their likes dislikes, acceptances refusals etc Strong	-	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-	Strong-H	-	-	Strong-H	Moderate-M	Strong-H	Weak-L	-	-	Strong-H	Weak-L	-
28					60	CO3	3 Students will develop text comprehension of medium difficulty level and application of the learnt language. They will be able to communicate in a simple manner. They will be able to respond to simple and uncomplicated speech. - Strong	-	-	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	-	-	-	-	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	-	Strong-H	Moderate-M	-
28					60	CO4	4 Students will develop intercultural and communicative skills Moderate	-	-	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-	Weak-L	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Strong-H	Moderate-M	-

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38					60	CO5	To be able to compute relations and predict the same for real-life variables.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	-	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
39	SEM I	T6153 - PP		Economic History and Thought	60	CO1	. Illustrate, apply compute the development of economics as a discipline in various ancient cultures.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H
39					60	CO2	2. Demonstrate the development of European economic thought and illustrate the concepts in historical context.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H
39					60	CO3	3. Demonstrate, apply and relate classical economic theories.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H
39					60	CO4	4. Use the elements of Neo Classical and Keynesian approaches in the modern era.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H
40	SEM I	T6179 - PP		Film Appreciation	60	CO1	To learn and know how to demonstrate all the technical terms involved in the creation of the visuals and narratives of a film. This will help them rephrase their earlier habit of Talking about films consequently, they will learn to write better	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	-	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
40					60	CO2	Learning basics of narrative structure and the meaning making process of films so the students Can summarize and interpret a film and conduct Close analysis of films.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	-	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
40					60	CO3	Learning a basic history of cinema, as it evolved all over the world, through which students will be able to explain the mise en scene elements in films and illustrate the art of the moving image matured by the first pioneers of cinema including India	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	-	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
40					60	CO4	Learning to compare and contrast filmmaking practices in different countries, along with the histories Of their art, literary and performative traditions and movements.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	-	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
40					60	CO5	Learning to summarize a film story, as well as outline its portrayal of human affairs, and conditions, or human aspiration for aesthetic and creative, moral and ethical excellence.	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	-	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
41	SEM I	T6188 - PP	010126314	Basic Spanish I	60	CO1	1. Students will develop their basic level linguistic skills in reading and writing in the target language.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
41					60	CO2	2. Students will develop their basic level linguistic skills in speaking and listening in the target language.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
41					60	CO3	3. Students will develop their ability to converse in various day to day scenarios in the target language.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
41					60	CO4	4. Speak, write, read and understand in the target language by combining and recombining learned elements read simple, connected texts in a consistent way with reasonable and graduated understanding.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
42	SEM I	T6189 - PP	010126413	Basic Spanish II	60	CO1	1. Students will develop their basic level linguistic skills in reading and writing in the target language.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
42					60	CO2	2. Students will develop their basic level linguistic skills in speaking and listening in the target language.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
42					60	CO3	3. Students will develop their ability to converse in various day-to-day scenarios in the target language.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H

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42					60	CO4	4. Speak, write, read and understand in the target language by combining and recombining learned elements read simple, connected texts in a consistent way with reasonable and graduated understanding.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
43	SEM I	T6191 - PP		French A-1 - Paper 1	60	CO1	1 Students will be able to recognize, construct, understand and use simple sentences. They will also be able to communicate and deal with various situations in daily life e.g. at the airport, in a supermarket, at the Hotel etc	-	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-	Moderate-M	Weak-L	-	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	-
43					60	CO2	2 Students will be able to introduce themselves and others and talk about others and themselves e.g. about their hobbies and personal details like where they come from etc. their likes dislikes, acceptances refusals etc	-	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-	Strong-H	-	-	Strong-H	Moderate-M	Strong-H	Weak-L	-	-	Strong-H	Weak-L	-
43					60	CO3	3 Students will develop text comprehension of medium difficulty level and application of the learnt language. They will be able to communicate in a simple manner. They will be able to respond to simple and uncomplicated speech	-	-	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	-	-	-	-	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	-	-	Strong-H	Moderate-M	-
43					60	CO4	4 Students will develop intercultural and communicative skills	-	-	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-	Weak-L	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Strong-H	Moderate-M	-
44	SEM I	T6197 - PP		German A-1 - Paper 1	60	CO1	Speaking skills Basic communication usage of colloquial language e.g. introducing oneself and others, ordering in a restaurant, booking tickets, describing the way, shopping, expressing likes and dislikes, using simple and general specific German terms and expressions etc.	-	-	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H	-
44					60	CO2	Reading skills Comprehending the gist of simple texts related to everyday life, selective and global understanding of texts, highlighting the cultural aspects etc.	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	-	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	-
44					60	CO3	Listening skills Can understand simple authentic audio texts, pronunciation, accent, intonation, simple sentences, common structures and words from important everyday situations e.g. basic personal and family information, shopping, local area	-	-	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H	-
44					60	CO4	Writing skills Ability to construct simple sentences related to oneself as well as others, filling official forms, etc.	-	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	-
44					60	CO5	Grammar Exposure to some simple aspects and rules of grammar in order to facilitate sentence formation.	-	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	-
45	SEM I	T6199 - PP		German A-1 Paper 3	60	CO1	1. Students will be able to construct, understand and use simple sentences. They should also be able to communicate and deal with various situations in daily life e.g. at the airport, in a supermarket, at the Hotel etc	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	-	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H
45					60	CO2	2. Students should be able to introduce themselves and others and talk about others and themselves e.g. their hobbies and personal details like where they come from etc. Likes dislikes, acceptances refusals etc	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	-	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H
45					60	CO3	3. Students will develop text comprehension of medium difficulty level and application of the learnt language. Can communicate in a simple manner. Can respond to simple and uncomplicated speech.	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	-	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H

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51					60	CO3	To DEVELOP an understanding of the production and technical aspects of theatre	Strong-H	-	Moderate-M	Strong-H	-	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M		
51					60	CO4	To UTILIZE themes and concepts learnt to CONSTRUCT and original piece of theatre	Strong-H	-	Moderate-M	Strong-H	-	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M		
52	SEM I	T6268 - PP		Philosophical Reflections on Money and Wealth	60	CO1	Understand the intersection between Money and Philosophy.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	
52					60	CO2	Understand key philosophical ideas with regard to money, both ancient and modern.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	-	Weak-L	Moderate-M	Weak-L	Weak-L	-	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-		
52					60	CO3	Identify and distinguish contemporary issues arising out of the use of money and the monetary system.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	
52					60	CO4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
53	SEM I	T6269 - PP		Greek Philosophy	60	CO1	1. Understand central concepts in Philosophy and Greek Philosophy	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M		
53					60	CO2	2. Understand evolution of thought in Western Philosophy from ancient Greeks to Aristotle	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	
53					60	CO3	3. Gain a historical understanding of Philosophy as source of other disciplines of study in western thought	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
53					60	CO4	4. Understand keyconcepts of Metaphysics, Epistemology, Ethics, Politics as understood by Greeks and adopted by modern writers	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	
53					60	CO5	5. Critically analyse positions in contemporary conception of philosophy and to enrich ones own philosophical activity	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
54	SEM I	T6304 - PP		Mahabharata	60	CO1	1. Outline the story of Mahabharata	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
54					60	CO2	2. Interpret the epic through an interdisciplinary perspective	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
54					60	CO3	3. Demonstrate and extend the understanding of Mahabharata in contemporary life	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
54					60	CO4	4. Compare and contrast the epic with other epics from South India and the Western World	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
54					60	CO5	5. Develop communication skills both written and verbal	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
55	SEM I	T6309 - PP		Developmental Psychology	60	CO1	1. To understand and contextualize stages of human development in terms of physical, psychological and socioemotional development	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	
55					60	CO2	2. To understand the various models and paradigms that aid in this understanding.	Strong-H	Moderate-M	Moderate-M	-	Strong-H	-	-	-	Moderate-M	-	-	-	-	Moderate-M	-	Moderate-M	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
55					60	CO3	3. To observe how these models are applied in meaningful ways over the lifespan.	Moderate-M	-	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-	-	Strong-H	-	-	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	Moderate-M	-	
55					60	CO4	4.Recontextualizing this information to account for possible differences in an Indian context	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	-	-	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-
56	SEM I	T6330 - PP		Introduction to Social Justice	60	CO1	To summarize of knowledge, concepts, ethics, and skills in social work and equip the students to apply the same.	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H		
56					60	CO2	Interpreting different types of social work interventions adopted in different situations.	-	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
57	SEM I	T6331 - PP		Revisiting the City: Urbanization, Urban Aspiration and Urban Reality	60	CO1	To explain the history and the trend of urbanization of Pune city post 1990.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	-	
57					60	CO2	To show the varied urban aspirations of diverse communities in Pune City.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	
57					60	CO3	To outline the urban reality, consumption and commodification of urban city life.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	

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57					60	CO4	To rephrase an understanding of the urban culture of Pune city.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	-	
57					60	CO5	To compare urban Pune to any global city of the world	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	-	
58	SEM I	T6348 - PP		Comparative Religion: Their greater similarities and finer differences	60	CO1	Demonstrate an understanding of the worlds religious traditions, their religious founders, leaders, texts and a range of religious rituals, practices and patterns of behaviour of ideas and events, past and present, around the world in its holistic contexts.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	
58					60	CO2	Comprehend and appreciate the diversity and similarity within individual religious traditions and the factors both internal and external that typically contribute to this diversity.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
58					60	CO3	Interpret and relate the influence that religion has on world affairs both historical and current including politics and media	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
58					60	CO4	Explain why politics and religion often cannot be disentangled and how religions can both cause arguments and promote peace.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	Moderate-M	-	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
58					60	CO5	Through an analysis and evaluation of the data available on the origin and development of religious schools of thought this course may question some of the cherished assumptions that exist within society.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
59	SEM I	T6350 - PP		Soundscapes of Pune City	60	CO1	Identify various ways in which sound interacts with place and culture.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	
59					60	CO2	Gain familiarity with fieldwork methods, techniques of ethnographic writing and the issues that inform these practices.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	
59					60	CO3	Employ the methods learned in class to construct a mini-ethnography of a local soundscape.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	
60	SEM I	T6361 - PP		Modern Drama from around the World	60	CO1	To show students novel perspectives on how language, time, stage, setting, dialogue and characters can be sculpted to express a playwright's vision and create an experience of theatre.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
60					60	CO2	To extend interest and facilitate discussions on a variety of themes presented.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
61	SEM I	T6368 - PP		Verily Food is Life: The Story of India through its Food	60	CO1	1) To comprehend the significance of hunger and food in the Indian context.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
61					60	CO2	2) To meaningfully focus on the various political and economic aspects of food and feeding in India.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
61					60	CO3	3) To meaningfully draw relationships between the aesthetic and social aspects of food and feeding in India.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
62	SEM I	T6373 - PP		The Literature of Fantasy and Science Fiction	60	CO1	1. Comprehension and application of the concepts within the course	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	-	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	
62					60	CO2	Express knowledge of the historic development of science fiction and fantasy into their modern forms as literary genres and modes of entertainment and art	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	
62					60	CO3	3. Describe and analyze common science fiction and fantasy themes, tropes, and modes of expression	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Moderate-M	-	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	
62					60	CO4	4.Place representative works of science fiction and fantasy in a larger cultural, intellectual, and aesthetic context	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	-	Moderate-M	-	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	

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63	SEM I	T6374 - PP		Imagery in Creative Writing	60	CO1	1. Classify and distinguish between the different art forms and how the Art of Communication is the core purpose common in all art forms. To be able to connect to communicate.	-	-	Moderate-M	-	Strong-H	-	Moderate-M	-	-	-	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Moderate-M	-	Strong-H	Strong-H	-	Strong-H	-	Strong-H	-	
63					60	CO2	2. Express - critical appreciation of the art forms that the students will be exposed to, will be encouraged. After each exposure to an art form, they will be encouraged to write a fictional piece , a short poem.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	Strong-H	-	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	Strong-H	Strong-H	Moderate-M	-	
63					60	CO3	3. Recognize - what is concrete imagery and what is not.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	Strong-H	-	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	Strong-H	Strong-H	Moderate-M	-	
63					60	CO4	4. Review- To be able to edit and look critically at ones own work. A very valuable tool. This was done by workshopping their writing during the class hours.	-	-	Moderate-M	-	Strong-H	-	Moderate-M	-	-	-	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Moderate-M	-	Strong-H	Strong-H	-	Strong-H	-	Strong-H	-	
64	SEM I	T6397 - PP	010126315	Basic Hindi I	60	CO1	Learning basic language	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
64					60	CO2	Speaking	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
64					60	CO3	Conversation skills	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
64					60	CO4	Get easy access with people around	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
64					60	CO5	Culture	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	
65	SEM I	T6398 - PP	010126408	Basic Hindi II	60	CO1	To teach students Basic Hindi Grammar.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
65					60	CO2	To make the students understand simple Hindi sentences.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
65					60	CO3	To make the students translate simple Hindi passages.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
65					60	CO4	To activate the students to speak day-to-day conversation in Hindi.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
65					60	CO5	To introduce the students to some selected passages from Hindi Literature.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	
66	SEM I	T6404 - PP		Dance/Movement Therapy	60	CO1	Help the student understand and discuss the basic assumptions of dance movement therapy.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	-	-	-	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	-	Strong-H	
66					60	CO2	Enable the student to compare and contrast five approaches to dance movement therapy	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	Strong-H	Moderate-M	-	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	-	Strong-H	
66					60	CO3	Apply the above knowledge to improvisations and experiential exercises	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Strong-H	-	-	-	-	Strong-H	Moderate-M	Moderate-M	-	Strong-H	-	-	Strong-H	
66					60	CO4	Enable the student to identify the differences and similarities between dance and dance movement therapy.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Strong-H	-	-	-	-	Moderate-M	-	Moderate-M	-	Moderate-M	-	-	Strong-H	
66					60	CO5	Help the student compare and contrast the differences and similarities among dance movement therapy, dance education, and dance as recreation.	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Strong-H	Moderate-M	Strong-H	-	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Strong-H
66					60	CO6	Introduce a vocabulary list of new words with a focus on language that can be applied to movement observation and analysis.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Strong-H	-	-	-	-	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	-	-	Strong-H	
66					60	CO7	Enable the students to apply the above to identify at least five nonverbal phenomena that characterize his or her movement repertoire.	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Strong-H	Moderate-M	Strong-H	-	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Strong-H
67	SEM I	T6405 - PP		The Poetic Body, Absurd and the Surreal	60	CO1	To develop creative intuition, playfulness and gaining deeper awareness of the human body in performance	-	Moderate-M	Strong-H	Strong-H	-	-	Moderate-M	-	Strong-H	-	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	
67					60	CO2	To gain tools and develop skills to create new performance work in the territory of absurd and the surreal	-	Moderate-M	Strong-H	Strong-H	-	-	Moderate-M	-	Strong-H	-	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	
67					60	CO3	To gain deeper understanding of dramatic creation on to the stage and develop new performance structures	Strong-H	Moderate-M	Strong-H	-	Strong-H	-	Moderate-M	-	Strong-H	-	Strong-H	Strong-H	Moderate-M	-	Strong-H	-	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	
67					60	CO4	To understand different viewpoint techniques of Space, Time, Rhythm and Character Development	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	Strong-H	-	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	Strong-H	Strong-H	Moderate-M	-	

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76					60	CO3	3 To develop understanding and appreciation of literature and the arts in a more general way, especially to understand the central role of art in cultures and communities both its positive and negative possibilities.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
76					60	CO4	4 To respond to beauty in literature, to go beyond moralistic or rationalistic reduction. To understand and accept ambiguity in the arts and in life. To form aesthetic judgments and move towards formulating criteria for this. To complement discursive disciplines by developing faculties beyond the rational (emotional, imaginative, etc.) in a more conscious and critical way.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
76					60	CO5	5 To respond to beauty in literature, to go beyond moralistic or rationalistic reduction.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
76					60	CO6	6 To understand and accept ambiguity in the arts and in life. To form aesthetic judgments and move towards formulating criteria for this.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
76					60	CO7	7 To complement discursive disciplines by developing faculties beyond the rational (emotional, imaginative, etc.) in a more conscious and critical way.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
77	SEM I	T6444 - PP		Adaptation: Cinema and Literature	60	CO1	1. Students should be able to describe and state the key theories of adaptation	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M		
77					60	CO2	2. Students should be able to explain the differences between the two mediums	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M		
77					60	CO3	3. Student should be able to interpret cinematic and literary texts	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M		
77					60	CO4	4. Students should be able to demonstrate an understanding of cultural and political contexts while studying literature and film	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M		
77					60	CO5	5. Students should be able to extend their understanding to a variety of texts and contexts	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M		
78	SEM I	T6445 - PP		Understanding Hindi Cinema since Independence	60	CO1	Students will be able to illustrate basic tenets of Hindi Cinema	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
78					60	CO2	Students should be able to interpret Visual cinematic codings in Hindi Cinema	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
78					60	CO3	Students should be able to Classify different approaches to Hindi Cinema	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
78					60	CO4	Students should be able to show the interlinks between Indian Society, History and Cinematic Cultures	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
78					60	CO5	Students should be able to compare and contrast Hollywood cinema and Hindi cinema	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
79	SEM I	T6446 - PP		Other Asian Imaginations: Cinema from Japan and China after the Second World War	60	CO1	1. To encourage students to place these films in a larger understanding of cinema that is not limited to labels of nationality.	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
79					60	CO2	2. To familiarize students with the broad landscape and histories of the cinemas of these two countries.	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
79					60	CO3	3. To encourage detailed viewings of these films that will enable sophisticated discussions around these films.	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
80	SEM I	T6447 - PP		Basic Chinese Level 1	60	CO1	Learning to pronounce words in phonetics	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L			
80					60	CO2	Able to write 50 characters in proper stroke orders	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L			
80					60	CO3	Gain knowledge of Chinese culture and society	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L			

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80					60	CO4	Get confidence to speak basic lines	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L		
80					60	CO5	Having motivation to read the basic words in Chinese script	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L		
81	SEM I	T6448 - PP		Basic Chinese Level 2	60	CO1	Learning to pronounce words in phonetics	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L		
81					60	CO2	Able to write 50 characters in proper stroke orders	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L		
81					60	CO3	Gain knowledge of Chinese culture and society	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L		
81					60	CO4	Get confidence to speak basic lines	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L		
81					60	CO5	Having motivation to read the basic words in Chinese script	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	-	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L		
82	SEM I	T6449 - PP		Knowledge: Contested, Contextualized, Confirmed	60	CO1	1 To acquire theoretical and conceptual frameworks through which to reflect on major debates concerning knowledge, and thus to critically evaluate rival perspectives and methodological claims.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
82					60	CO2	2 To identify social, cultural, and ethical orientations underlying different models of knowledge.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
82					60	CO3	3 To acquire conceptual theoretical frameworks for making interdisciplinary connections with some degree of precision.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
82					60	CO4	4 To gain awareness of the consequences on the world, of knowledge methods and of knowledge claims, and thus to become more responsible knowers	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
83	SEM I	T6453 - PP		From Marxism to Post-Marxism: Critical Discourses	60	CO1	1. Examine the critical traditions in Marxism as well as their association with other disciplinary practices in the field of philosophy, literature, historiography, etc.	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H		
83					60	CO2	2. Examine the contemporary theoretical practices used to analyse the ongoing socio-political transformations the world over	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H		
83					60	CO3	3. Discovering plausible alternatives to the hegemonic socio-economic systems and statehoods.	-	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H		
84	SEM I	T6555 - PP		Contemporary Fiction Today: A Junior Seminar Course	60	CO1	To identify and comprehend the arguments about the interdisciplinary nature of Literature Studies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
84					60	CO2	To understand what is contemporary fiction-meanings and locate it historically	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
84					60	CO3	To interpret the many meanings in fiction texts-both cultural, historical, political and formal	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
84					60	CO4	To apply theoretical concepts in reading	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
84					60	CO5	To produce new writings on contemporary literature	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
85	SEM I	T6556 - PP		History of Ideas	60	CO1	Introduce the student to fundamental ideas and concepts	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M		
85					60	CO2	explain the role of history in the development of ideas	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
85					60	CO3	describe how ideas affect different domains	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
85					60	CO4	locate different ideas across time and space	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
85					60	CO5	summarise key ideas	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
85					0	CO6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
86	SEM I	T6557 - PP		Critical Debates in 21st Century Technology	60	CO1	To evaluate growth of technology and society specific to 21st Century	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	Strong-H	-	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Strong-H	Strong-H	Moderate-M
86					60	CO2	To identify key critical and philosophical debates related to technology	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	Strong-H	-	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Strong-H	Strong-H	Moderate-M
86					60	CO3	To review the debates in context of specific technologies	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	Strong-H	-	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Strong-H	Strong-H	Moderate-M

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90					60	CO3	3To develop awareness in students so that they recognize both the scope and limits of human action based on a clear examination of ideas concerning human nature and the human condition as well as to help students sort out their thinking about ethics, to distinguish between the reliable and the unreliable, and arrive at a working understanding of options other than unexamined relativism	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H			
90					60	CO4	4 To clarify issues surrounding contemporary events and their representations, especially in the mass media, as well as to develop skills in defining religious, philosophical concepts and analogous concepts in secular systems of thought	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H			
90					60	CO5	5To equip students with skills in description, analysis and argumentation and in arriving at well-informed, responsible conclusions	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
91	SEM I	T6566 - PP		Colonial Encounters: Literary Representations and Theoretical Reflections	60	CO1	1 To enable students to comprehend subtler, complex and inner dimensions of historical phenomena such as colonialism through a study of literary texts and	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
91					60	CO2	2 thus to recognize ambiguities and complexities - to enable them to go beyond mere political correctness	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
91					60	CO3	3 while at the same time making students sensitive to issues of injustice and oppression	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
91					60	CO4	4 to develop skills in literary interpretation and evaluation within an interdisciplinary framework of theories and concepts drawn from a plurality of cultural, intellectual and literary contexts to develop skills in writing systematically and with sensitivity on literature to enable students to reflect on the profound implications of the often tragic consequences of European colonialism for cultures, communities and people; and to apply through this to reflect on the nature and continuing valu	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
92	SEM I	T6567 - PP		The Politics of Difference	60	CO1	To explore some of the finest fiction and drama written in the East and West in order to initiate a line of enquiry into the social stances, attitudes and forms of socialization that they reveal.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	Strong-H	-	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	Strong-H	Strong-H	Moderate-M	-		
92					60	CO2	To analyse the matrix of society and its patterns of thinking (as discovered in the texts) and discuss the nature and process of formation of prejudiced mindsets.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	Strong-H	-	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	Strong-H	Strong-H	Moderate-M	-		
92					60	CO3	To examine the politics of different segments of society attempting to co-exist.	-	Moderate-M	Strong-H	Strong-H	-	-	Moderate-M	-	Strong-H	-	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-			
93	SEM I	T6568 - PP		Modern Indian Theatre and Performance: History, Theory, Text and Culture	60	CO1	Outline the importance of Modern Indian Theatre	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	-	-	-	Moderate-M	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	-	Strong-H	Strong-H	-		
93					60	CO2	Relate the texts being studied with the socio political background that they emerge from	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	Strong-H	Moderate-M	-	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	-	Strong-H	Strong-H	-		
93					60	CO3	Interpret the texts in relation to the literary history	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Strong-H	-	-	-	-	Strong-H	Moderate-M	Moderate-M	-	Strong-H	-	-	Strong-H	Strong-H	-		
93					60	CO4	Compare and contrast the plays under study	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Strong-H	-	-	-	-	Moderate-M	-	Moderate-M	-	Strong-H	-	-	Strong-H	Strong-H	-		
93					60	CO5	Develop the critical understanding through cross-cultural competencies	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Strong-H	Moderate-M	Strong-H	-	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	Strong-H	Strong-H	-	

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102					60	CO2	2. Explain and discuss the interdisciplinarity in studying urbanity	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
102					60	CO3	3. Describe and classify the diversity and resilience of urban forms of life particularly in the context of sustainable development	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	-	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H		
102					60	CO4	4. Identify and understand the intersection between class, caste and gender in cities in India	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
102					60	CO5	5. Understand urbanism in India in the context of globalization	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
103	SEM I	T6600 - PP		Caste in India: Origin and Practice	60	CO1	1. The course will use classroom teaching discussion in conjunction with out of class participation.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M		
103					60	CO2	2. Readings that would be given will be marked as either essential for class or optional by the course instructor. It is requested that students read the same to augment the classroom lectures.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
103					60	CO3	3. The Instructors would use visual material in terms of various mediums. Film Screenings would serve as a framework for the various issues discussed in class.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	
104	SEM I	T6601 - PP		The illbeing Disease, Health and Socio-politics	60	CO1	To UNDERSTAND, OUTLINE, ILLUSTRATE and COMPARE the ideas of Health and Disease	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
104					60	CO2	To IDENTIFY, COMPARE and CONTRAST the various kinds of Disease	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
104					60	CO3	To UNDERSTAND and CLASSIFY the various types of health care practices when it comes to negotiating Disease	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	Moderate-M	Moderate-M	Weak-L	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
104					60	CO4	To EXTEND this understanding and APPLY it to various Socio-Political Spaces in their RELATIONSHIPS with the Idea of Health and Disease	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	
104					60	CO5	To IDENTIFY problem areas and potential SOLUTIONS to crises in these sectors	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	
105	SEM I	T6621 - PP		American Foreign Policy in the Post-Cold War World: Processes, Policies and Debates	60	CO1	1. Understand the historical evolution of American foreign policy	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	Strong-H	-	Strong-H	-	Moderate-M	Strong-H	-	-	Strong-H	Moderate-M	Strong-H	-	
105					60	CO2	2. Gain knowledge about critical issues relating to American foreign policy	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	-	-	-	-	Strong-H	-	Strong-H	-	Moderate-M	Strong-H	-	-	Strong-H	Moderate-M	Strong-H	-	
105					60	CO3	3. Apply theories and concepts from international relations scholarship to understand policies pursued by different administrations	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-	-	-	-	Strong-H	-	Strong-H	-	Moderate-M	Strong-H	-	-	Strong-H	Moderate-M	Strong-H	-	
105					60	CO4	4. Interpret various debates in American foreign policy	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-	-	-	-	Strong-H	-	Strong-H	-	Moderate-M	Strong-H	-	-	Strong-H	Moderate-M	Strong-H	-	
105					60	CO5	5. Understanding and demonstrating requirements of academic writing clarity of writing, organization of the paper and referencing	-	-	-	-	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	-	-	Strong-H	Strong-H	-	Strong-H	Moderate-M	Strong-H	-	
106	SEM I	T6629 - PP		Of Scripts and Shots	60	CO1	To understand the basic constituent elements of cinema.	Strong-H	-	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	Moderate-M	-	
106					60	CO2	Understand the relationship of these elements with each other.	Strong-H	-	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	Moderate-M	-	
106					60	CO3	Learn to read a script cinematically	Strong-H	-	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	Moderate-M	-	
106					60	CO4	Understand the context of a given shot or scene in relation to the script	Strong-H	-	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	Moderate-M	-	
106					60	CO5	To mentally make meaning of the shot or scene based on its context and the constituent elements that goes beyond the written word	Strong-H	-	Moderate-M	Moderate-M	Strong-H	-	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	Moderate-M	-	

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112					60	CO2	To help students in comparing and contrasting the different historical and ethical contexts that lead to the emergence of moral ideas and belief systems	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
112					60	CO3	It will help them to assess the current political situation with a more firm theoretical grounding	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
113	SEM I	T6690 - PP		Science as Muse: Intersections of Science and the Arts	60	CO1	1. Demonstrate an understanding of, and an ability to articulate, the inseparability of science from society and culture	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H		
113					60	CO2	2. Relate work in the arts with contemporaneous developments in the sciences	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H		
113					60	CO3	3. Explain complex scientific ideas, or interpret scientific ideas, in a creative manner	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H		
113					60	CO4	4. Identify ways in which artists and scientists can interact at the interface of their respective disciplines	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H		
113					60	CO5	5. Design possible projects for public engagement involving a collaboration between artists and scientists	Strong-H	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Strong-H	Strong-H		
114	SEM I	T6745 - PP		Global Justice	60	CO1	1. Identify and critically discuss the major theories and authors associated to the concept of global justice	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
114					60	CO2	2. Explain the diverse range of applied global justice issues focused on concerns that transcend national boundaries. These include the environment, terrorism and war, women's rights, poverty and inequality.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
114					60	CO3	3. Distinguish and recognize the relationship between the emerging notions of global citizenship with global justice perspectives.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
114					60	CO4	4. Estimate and extend an in-depth analysis and critical insight into a particular global justice theory, theorist, or issue through an independent research project and class presentation	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
114					60	CO5	5. Develop communication skills both written and verbal	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
115	SEM I	T6803 - PP		Research Methodology II: Overview of Research Methods and Analysis	60	CO1	1. Gain an understanding of different methods to conduct research	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	Moderate-M	-	-	-	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-	-	
115					60	CO2	2. Understand and compare advantages and limitations of different methods of conducting research	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	-	Moderate-M	-	-	-	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-	-	
115					60	CO3	Demonstrate requirements of academic writing	Strong-H	Strong-H	Strong-H	-	Strong-H	-	Strong-H	-	-	-	-	-	Strong-H	-	Moderate-M	-	-	-	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	
115					60	CO4	4. Demonstrate ability to collect and interpret data (quantitatively and/ or qualitatively)	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	
115					60	CO5	5. Demonstrate requirements of academic writing (clarity of writing, organization of the paper and referencing)	-	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	
116	SEM I	T7439 - PP		Introduction to Maker Culture: Developing technological Interventions for Societal Needs	60	CO1	1 Explain the increasing central role of maker spaces and the maker culture in supporting citizen science and engineering.	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	-	Strong-H	Strong-H	Strong-H	Strong-H	-	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M		
116					60	CO2	2 Find technological intervention possibilities to observed problems in the world around them.	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	-	-	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M		
116					60	CO3	3 Show the ability to ideate and research appropriate solutions.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L		
116					60	CO4	4 Illustrate prototype design using digital technologies, as well as construct and test the prototype.	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Moderate-M	-	-	-	Moderate-M	-	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Weak-L	Moderate-M	Moderate-M	-		

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125					60	CO5	Ability to apply moral theories and concepts to contemporary problems such as war, capital punishment, euthanasia, poverty, etc. using the techniques of critical thinking.	Strong-H	Strong-H	Moderate-M	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
125					60	CO6	Ability to explicate, analyze, compare, and evaluate a variety of theories in normative ethics or meta-ethics using the techniques of critical thinking.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
125					60	CO7	Students will embody the qualities of an open-minded but critical thinker in the examination or formation of their moral philosophy.	Weak-L	Strong-H	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
126	SEM II	T6352 - PP		Politics of Social Justice				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
126					60	CO2	To make students plan of the Self and the world surrounding them.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
127	SEM II	T6371 - PP		Cinema, Masculinity and Culture	60	CO1	Students will be able to summarise Feminist Theory and basic tenets of Masculinity Studies	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	
127					60	CO2	Students should be able to interpret Visual (cinematic) codings of Masculinity	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	
127					60	CO3	Students should be able to Classify different kinds of masculinity	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	
127					60	CO4	Students should be able to show the interlinks between psychoanalysis and cinematic narratives	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	
127					60	CO5	Students should be able to illustrate the differences between Hollywood cinema and Hindi cinema	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	
128	SEM II	T6406 - PP		Art, Philosophy and Society	60	CO1	Students will be able to demonstrate an understanding of facts and ideas of art philosophy and theory	Strong-H	Moderate-M	Strong-H	-	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
128					60	CO2	Students will be able to compare different traditions of art philosophy-both western and eastern	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
128					60	CO3	Students will be able to explain elements that constitute art practice and history and relate it to society	-	Moderate-M	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
128					60	CO4	Students will be able to interpret works of art and classify them into various theoretical and philosophical models	Moderate-M	Moderate-M	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
128					60	CO5	Students will be able to demonstrate critical writing skills pertinent to the traditions of art writing and criticism	-	-	Moderate-M	-	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
129	SEM II	T6560 - PP		Introduction to Research: RM I	60	CO1	Introduction to Academic Writing	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	Strong-H	Weak-L	Moderate-M
129					60	CO2	Understanding Types of research	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	Strong-H	Moderate-M	Weak-L
129					60	CO3	Philosophy of Science - foundations, methods and implications and Social Science	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	Strong-H	Moderate-M	Weak-L
129					60	CO4	Formulating the Research Question and Hypothesis	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	Strong-H	Moderate-M	Weak-L
129					60	CO5	To write a research proposal, abstract and a paper	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	Strong-H	Moderate-M	Weak-L
130	SEM II	T6576 - PP		Sport and Performance Psychology	60	CO1	outline theories and basic concepts in Sport and Performance psychology	Moderate-M	Weak-L	Strong-H	Strong-H	Moderate-M	-	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-
130					60	CO2	summarize the applied work of sport psychologist	Moderate-M	Weak-L	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-
130					60	CO3	3-analyze and interpret common performance issues observed in performers	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
130					60	CO4	4-demonstrate and apply various performance enhancement techniques	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Moderate-M	-
130					60	CO5	5- plan and conduct activities to develop psychological skills	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	-	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H	-	

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1.1	PO1.2	PO1.3	PO1.4	PO1.5	PO1.6	PO1.7	PO2.1	PO2.2	PO2.3	PO2.4	PO2.5	PO3.1	PO3.2	PO3.3	PO3.4	PO4.1	PO4.2	PO4.3	PO4.4	PO4.8	PO4.5	PO4.6	PO4.7
136					60	CO3	Explain the role of scientific models in studying the world around us	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
136					60	CO4	Effectively explain specific concepts across the natural sciences learned in the course	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
136					60	CO5	Integrate ideas from different disciplines in the natural sciences to understand a system chosen for study	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
136					60	CO6	Develop appreciation for the inseparability of science and society, for the need for intellectual curiosity, and for the role of both imagination and reasoning in scientific advancements	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	To provide a sound knowledge base of the IS discipline
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	To develop creative, analytical and critical thinking skills
3	GA2	Global citizenship: ethical, social and professional understanding	PO3	To strengthen communication skills
4	GA3	Eco-literate: sensitivity towards a sustainable environment	PO4	To inculcate cultural sensitivity and the ability to work in multicultural environments
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	To encourage a holistic understanding of and participation in the Sustainable Development Agenda

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
1	SEM I	060441101 - PP	T6463	Global Political Economy	60	CO1	Explain the key concepts used in economic theory.	Strong-H	Weak-L	-	-	-
1					60	CO2	Explore linkages between politics and economics and how the two interact at the global, regional and national levels.	Strong-H	Weak-L	-	-	-
1					60	CO3	Highlight the major analytical frameworks in the field of IPE and how these can be applied to empirical questions concerning the structure of the global political economy.	Strong-H	Moderate-M	-	-	-
1					60	CO4	Facilitate understanding of the key IPE issues such as trade, development, financial crisis, labour and environment.	Strong-H	Moderate-M	-	-	Moderate-M
1					60	CO5	Identify, explain and critically assess the nature of international economic institutions, globalisation and national economic policy choices.	Strong-H	Moderate-M	Moderate-M	-	-
2	SEM I	060441102 - PP	T6464	International Communication	60	CO1	Explain the key role that communication plays in the IS/IR discipline.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
2					60	CO2	Compare and contrast how actors in IR communicate.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
2					60	CO3	Examine and evaluate the evolution and impact of new media on the IS/IR discipline.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
2					60	CO4	Develop relevant competencies and skill-sets.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
2					60	CO5	Inculcate inter-cultural competencies.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
3	SEM I	060441103 - PP	T6465	International Organizations	60	CO1	Identify and explain the advent of IOs and their relevance in global affairs.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
3					60	CO2	Differentiate between the various forms of multilateralism.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
3					60	CO3	Introduce the concept of regionalism and study the specific nature of regionalism in the European and Asian concepts.	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
3					60	CO4	Appraise the collaborative engagement of IOs and other actors in various domains - political, economic, social and environmental.	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
3					60	CO5	Present and discuss the emergence of new institutions and their implications in a multipolar world.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
4	SEM I	060441104 - PP	T6466	International Relations: An Overview	60	CO1	Explain the interdisciplinary nature of International Studies.	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M
4					60	CO2	Explore linkages between the various disciplines under the IS/IR remit.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO3	Distinguish between different schools of thought in IR and the application in world affairs.	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L
4					60	CO4	Identify and explain concepts associated with IS.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO5	Develop and enhance an understanding of the different dimensions of globalisation.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
4					60	CO6	Situate and analyse contemporary trends against the backdrop of the emerging world order.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
5	SEM I	060441105 - PP	T2225	Research Methodology	60	CO1	Comprehend research issues and ethics.	Weak-L	Strong-H	-	-	-
5					60	CO2	Identify research questions and formulate research hypothesis.	Weak-L	Strong-H	-	-	-
5					60	CO3	Gain an understanding of the literature review.	Weak-L	Strong-H	-	-	-
5					60	CO4	Equip students with various techniques of research design and data collection.	Weak-L	Strong-H	Moderate-M	-	-
5					60	CO5	Synthesize qualitative and quantitative data crunching techniques.	Weak-L	Strong-H	Moderate-M	-	-
5					60	CO6	Familiarize with citation styles.	Weak-L	Weak-L	Weak-L	-	-
6	SEM II	0604410201 - PP		Diplomacy and International Governance	60	CO1	Examine the evolution of the concept of diplomacy and the key contributors to the study of diplomacy.	Strong-H	Weak-L	-	-	-
6					60	CO2	Identify internal and external factors which influence foreign policy and the expanding forms of diplomacy.	Strong-H	Moderate-M	-	-	-
6					60	CO3	Acquire an understanding of the process of making of foreign policy and the instruments available to foreign policy decision-makers.	Strong-H	Moderate-M	-	-	-
6					60	CO4	Assess the theories with their application to selected countries, international organizations and transnational actors	Strong-H	Strong-H	-	Moderate-M	-
6					60	CO5	Comprehend the reconciliation of the national interests and objectives of different states with the principles of international governance(through case studies)	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
6					60	CO6	Deliberate on the role of ethics in diplomacy.	Strong-H	-	-	Moderate-M	-

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6					60	CO7	Critically evaluate the role and effect that foreign policy has on international politics (through case studies)	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
7	SEM II	0604410202 - PP		International Security	60	CO1	Explain the concept of security and explore the aspects of traditional & non-traditional dimensions of security.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
7					60	CO2	Develop an understanding of the political economy of conflicts and analyze correlate between global conflicts.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
7					60	CO3	Explore the emergence of various non-traditional security issues including food, energy, environment and cybersecurity.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
7					60	CO4	Analyze the role of narratives in conflicts and establish links between security, identity and community.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
7					60	CO5	Examine and evaluate the international interventions and impact of military interventions on the discipline of security studies.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
8	SEM II	0604410203 - PP		Advanced Research Methods	60	CO1	Understand the different strategies for identifying and estimating causal effects.	Weak-L	Moderate-M	-	-	-
8					60	CO2	Apply various kinds of statistical inference with the requisite awareness of their assumptions.	Weak-L	Strong-H	-	-	-
8					60	CO3	Present data graphically and analyze those found in media, policy or academic publications.	Weak-L	Strong-H	Strong-H	-	-
8					60	CO4	Use statistical software to incorporate quantitative and qualitative analysis in research.	Weak-L	Strong-H	Strong-H	-	-
8					60	CO5	Write a research proposal that includes an introduction, problem statement, literature review, methods section and a dissertation timeline.	Strong-H	Strong-H	Strong-H	-	-
9	SEM II	0604410204 - PP		Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Weak-L	-	-	-	Weak-L
9					60	CO2	To instil knowledge on reducing disasters and capacity building through community participation	Weak-L	-	-	-	-
9					60	CO3	To train students to perform First aid and CPR in an emergency	-	-	-	-	-
10	SEM II	0604410205 - PP		Area Studies - Asia I	60	CO1	Introduce and explore the history and culture of different regions of Asia.	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L
10					60	CO2	Develop an understanding of the political processes, structures and economy of selected regions.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
10					60	CO3	Identify and explain key issues with regard to defence and security and foreign policy of the various subregions of Asia.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
10					60	CO4	Highlight and examine the nuances of India's bilateral relations with the sub-regions.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
10					60	CO5	Contextualize the current challenges and opportunities of the various regions of Asia.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L

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11	SEM II	0604410206 - PP		Area Studies - Europe and U.S.A I	60	CO1	Impart a sound understanding of the fundamental ethos of the European continent, the European Union and the United States	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H
11					60	CO2	Strengthen the ability to co-relate and analyse complex political processes with regard to the EU and the US	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
11					60	CO3	Comprehend and interlink the drivers- economic, socio-cultural, political and defense- of foreign policy formulation	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
11					60	CO4	Compare and contrast the role the EU plays in issues at the regional, extra-regional and global levels	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
11					60	CO5	Prepare the foundation for advanced research on and analysis of the EU and the US	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
12	SEM II	0604410207 - PP		French I	60	CO1	To be able to listen and understand language at basic level	Strong-H	Strong-H	Strong-H	Strong-H	-
12					60	CO2	To be able to speak about oneself	Strong-H	Strong-H	Strong-H	Strong-H	-
12					60	CO3	To be able to write basic sentences	Strong-H	Strong-H	Strong-H	Strong-H	-
12					60	CO4	To be able to read and understand the basic sentences	Strong-H	Moderate-M	Strong-H	Strong-H	-
13	SEM II	0604410208 - PP		Spanish I	60	CO1	To be able to communicate in simple, day- to- day situations	-	Moderate-M	Strong-H	Strong-H	-
13					60	CO2	To be able to introduce oneself and give basic information	-	Moderate-M	Strong-H	Strong-H	-
13					60	CO3	To be able to listen and read simple sentences	-	Moderate-M	Strong-H	Strong-H	-
13					60	CO4	To be able to write basic sentences	-	Moderate-M	Strong-H	Strong-H	-
14	SEM II	0604410209 - PP		Arabic I	60	CO1	To be able to communicate in a simple and easy way in day-to-day situations.	Strong-H	Strong-H	Strong-H	Weak-L	-
14					60	CO2	To be able to provide some basic information about oneself.	Strong-H	Strong-H	Moderate-M	Weak-L	-
14					60	CO3	To be able to listen and understand language at basic level.	Strong-H	Moderate-M	Moderate-M	Weak-L	-
14					60	CO4	To be able to write and read simple sentences.	Strong-H	Moderate-M	Strong-H	Weak-L	-
15	SEM II	0604410210 - PP		Chinese I	60	CO1	Pronunciation of the basic words.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
15					60	CO2	Knowledge of 5 tones in conversation.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L
15					60	CO3	Able to grasp the stroke orders of Chinese script	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
15					60	CO4	Fluency in reading and speaking classroom expressions and greetings.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15					60	CO5	Learning to listen well the basic words.	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M
15					60	CO6	Able to write 20 lines about oneself /friend using 50 characters.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15					60	CO7	Understand the differences/similarities with English/Hindi grammar	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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16	SEM III	060441301 - PP	T2920	Internship	60	CO1	Demonstrate the ability to connect theory with praxis	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
16					60	CO2	Critically scrutinise different theories and concepts taught in class and apply them to tasks assigned in the internship programme.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
16					60	CO3	Apply appropriate research methods (qualitative and/or quantitative) to the assigned tasks	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
16					60	CO4	Clearly present recommendations and conclusions drawn on the basis of the internship experience in oral and written form	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
16					60	CO5	Provide a platform to improve employability skills such as critical thinking, communication and collaboration	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
17	SEM III	060441302 - PP	T2790	Role of International Law in International Relations	60	CO1	Develop an understanding of the international legal system.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
17					60	CO2	Provide an overview of the approaches to international law and some of the critical bodies and institutions involved in the international legal system.	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
17					60	CO3	Discuss the sources of international law (treaties and customary international law), subjects of international law (identifying rights and obligations of States, IOs, NGOs, individuals), the institutional framework (UN, WTO, regional agencies, etc.) and dispute resolution framework (courts, arbitration tribunals, conciliation, as well use of sanctions and force)	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
17					60	CO4	Facilitate comprehension of international regulations in territorial security, trade, environment and maritime domains (through case studies)	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
17					60	CO5	Promote understanding of the development of international law in response to contemporary challenges (through case studies)	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
18	SEM III	060441303 - PP	T6468	International Negotiations and Conflict Resolution	60	CO1	Study the rationale for war, peace, and non-violence.	Strong-H	Moderate-M	-	Weak-L	Weak-L
18					60	CO2	Provide the foundation to understand the drivers of violent political conflict as well as the key elements of negotiation and conflict resolution.	Strong-H	Moderate-M	-	Weak-L	Moderate-M
18					60	CO3	Discuss the tools of conflict de-escalation and resolution (using case studies)	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H
18					60	CO4	Develop knowledge of non-violence as a strategy for conflict resolution.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
18					60	CO5	Examine how international conflicts are experienced by various stakeholders (through case studies)	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M

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18					60	CO6	Analyze the strategies to resolve conflicts and build sustainable peace (through case studies)	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
18					60	CO7	Develop critical thinking	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M
19	SEM III	060441304 - PP	T6607	Area Studies - Europe and North America II	60	CO1	Impart a sound understanding of the fundamental ethos of the focus countries	Strong-H	Strong-H	Weak-L	Strong-H	Strong-H
19					60	CO2	Strengthen the ability to co-relate and analyse complex political processes	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
19					60	CO3	Comprehend and interlink the drivers- economic, socio-cultural, political and defense- of foreign policy formulation	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
19					60	CO4	Compare and contrast the role the countries play in issues at the regional, extra-regional and global levels	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
19					60	CO5	Prepare the foundation for advanced research on and analysis of the focus countries	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
20	SEM III	060441305 - PP	T6608	Area Studies_ Asia II	60	CO1	Introduce and explore history and culture of selected countries in Asia.	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L
20					60	CO2	Develop an understanding of the political processes, structures and economy of selected countries.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
20					60	CO3	Identify and explain key issues with regard to defence and security and foreign policy of the country.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
20					60	CO4	Highlight and examine the nuances of India's bilateral relations with the countries.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
20					60	CO5	Contextualise the current challenges and opportunities of the countries and appraise their relations with other nations.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
21	SEM III	060441306 - PP	T6598	French II	60	CO1	To be able to read and understand text having past tense	Strong-H	Moderate-M	Strong-H	Moderate-M	-
21					60	CO2	To be able to speak in day to day life situations	Strong-H	Strong-H	Strong-H	Strong-H	-
21					60	CO3	To be able to write about past events and present situation	Strong-H	Strong-H	Strong-H	Strong-H	-
21					60	CO4	To be able to understand a native speaking in day to day situation	Strong-H	Moderate-M	Strong-H	Strong-H	-
21					60	CO5	To be able to communicate with the native speaker in day to day life situations	Strong-H	Strong-H	Strong-H	Strong-H	-
22	SEM III	060441307 - PP	T6599	Spanish II	60	CO1	To be able to read and understand texts with reflexive and irregular verbs	-	Strong-H	Moderate-M	Strong-H	-
22					60	CO2	To be able to speak in day to day life situations	-	Strong-H	Moderate-M	Strong-H	-
22					60	CO3	To be able to have conversations in shops or markets	-	Strong-H	Moderate-M	Strong-H	-
22					60	CO4	To be able to give directions and describe their neighbourhood, city and country	-	Strong-H	Moderate-M	Strong-H	-

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22					60	CO5	To be able to narrate and write about the incidents in the past	-	Strong-H	Moderate-M	Strong-H	-
23	SEM III	060441308 - PP	T6596	Arabic II	60	CO1	To be able to read and understand text with all the three tenses.	Strong-H	Strong-H	Strong-H	Weak-L	-
23					60	CO2	To be able to write about day-to-day life situations.	Strong-H	Moderate-M	Strong-H	Weak-L	-
23					60	CO3	To be able to speak in day-to-day life situations.	Strong-H	Strong-H	Strong-H	Weak-L	-
23					60	CO4	To be able to communicate with the native speakers in day-to-day life situations.	Strong-H	Strong-H	Strong-H	Weak-L	-
24	SEM III	060441309 - PP	T6597	Chinese II	60	CO1	To be able to read and understand texts with the help of 250+ vocabulary .	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
24					60	CO2	To be able to give self introduction,about ones country in Chinese.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
24					60	CO3	Gain fluency on communicating for daily routine.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
24					60	CO4	Able to write around 150 Chinese characters.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
24					60	CO5	Get knowledge about Sino- Indian culture and tradition.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
24					60	CO6	Be confident of appearing in HSK1 INTERNATIONAL CERTIFICATE LEVEL EXAM.	Moderate-M	Moderate-M	Moderate-M	Weak-L	-
25	SEM III	060441310 - PP		Evolution of Indian Strategic Thought	60	CO1	Highlight and examine theconcept of strategic thought and the strategic culture	Moderate-M	Strong-H	-	Strong-H	-
25					60	CO2	Introduce and explore the Indian strategic thought	Moderate-M	Strong-H	-	Strong-H	-
25					60	CO3	Contextualize current Indian defence & foreign policy with respect to the Indian strategic thought	Strong-H	Moderate-M	-	Moderate-M	-
25					60	CO4	Analyse and understand work of principal Indian strategic thinkers	Strong-H	Moderate-M	-	Strong-H	-
25					60	CO5	Compare and contrast Indian and the Western thought	Moderate-M	Moderate-M	-	Strong-H	-
26	SEM III	060441311 - PP		IR and Digital Longform Journalism	60	CO1	understand how digital long form journalism could make global issues of political, socio-economic and socio-cultural nature more accessible to a larger audience	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H
26					60	CO2	analyse issues of global, regional and local importance and learn to create a compelling narrative	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
26					60	CO3	develop the skills to put together multiple elements-photography, short videos, maps, and language as well platforms to narrate an event that has had a significant impact on global, regional or local affairs	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H
26					60	CO4	comprehend the role of effective storytelling to advocate a cause and/or communicate an event of political, socio-cultural or socio-economic importance	Strong-H	Strong-H	Strong-H	-	Strong-H
27	SEM III	060441312 - PP		Research Publications	60	CO1	Demonstrate the ability to connect theory with praxis and apply them to research and analysis	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L

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27					60	CO2	Comprehend research issues and ethics	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
27					60	CO3	Identify research questions and formulate research hypothesis and abstract	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
27					60	CO4	Apply the knowledge of understanding of literature review, various techniques of research design and data collection and citation styles	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
27					60	CO5	Apply qualitative and quantitative data crunching techniques	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
27					60	CO6	Identify the contribution that information sources make within a discipline or conversation	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
27					60	CO7	Write a research paper for submission to SCOPUS/ WOS indexed journals	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
28	SEM IV	0604410401 - PP		Dissertation	60	CO1	Demonstrate the ability to conduct independent, original, and significant research.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H
28					60	CO2	Demonstrate the ability to critically scrutinize different theories and methods in International Studies as well as to apply these in the composition of a master's thesis.	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
28					60	CO3	Demonstrate the ability to exhibit in-depth knowledge of the major subject/field of study.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H
28					60	CO4	Demonstrate the ability to engage in systematic discovery and critical review of appropriate and relevant information sources.	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
28					60	CO5	Demonstrate the ability to apply appropriate qualitative and/or quantitative evaluation processes to original data.	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
28					60	CO6	Demonstrate the ability to understand and apply ethical standards of conduct in the collection and evaluation of data and other resources.	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L
28					60	CO7	Demonstrate the ability to clearly present and discuss the conclusions as well as the knowledge and arguments that form the basis for the research findings in written and spoken English	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L
29	SEM IV	0604410402 - PP		Human Rights and Peace Studies	60	CO1	Enable a thorough understanding of the basic themes in peace studies, such as power, conflict, human rights, violence, nonviolence, restorative justice, and conflict transformation.	Strong-H	Weak-L	-	Moderate-M	Strong-H
29					60	CO2	Provide an overview of conflict history and evolution of human rights.	Strong-H	Weak-L	-	Moderate-M	Moderate-M
29					60	CO3	Promote the recognition of cultural diversity, human rights and dignity.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
29					60	CO4	Discuss the role of interstate organizations and community-based movements in peacekeeping and peace education.	Strong-H	Moderate-M	-	Moderate-M	Weak-L
29					60	CO5	Explore the role of advocacy communication for peacebuilding.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
29					60	CO6	Develop critical thinking.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
30	SEM IV	0604410403 - PP		Global Common Goods	60	CO1	Introduce the concept of global common goods and explain their implications on global affairs.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L
30					60	CO2	Conceptualize the discourse on various aspects of global commons- health and education, climate change and water resources, security and outer space.	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H
30					60	CO3	Explore the dynamics of international cooperation and international regime related to global commons.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
30					60	CO4	Explain the interplay between the global common goods and state-to-state behaviour vis-à-vis foreign relations between countries.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
30					60	CO5	Identify the need for global governance to effectively utilize global common goods and the challenges facing it.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
31	SEM IV	0604410404 - PP		Geopolitics and Risk Analysis	60	CO1	Familiarize students with the concept of geopolitics and the strategic landscape in which decisions are made.	Strong-H	Weak-L	-	Moderate-M	-
31					60	CO2	Facilitate understanding of how political decisions, instability, policies and geopolitics affect the international environment.	Strong-H	Moderate-M	-	Weak-L	Weak-L
31					60	CO3	Provide students with an overview of significant geopolitical developments (through case studies)	Strong-H	Moderate-M	-	Moderate-M	-
31					60	CO4	Equip students with analytical tools and make them familiar with the most authoritative information sources and concepts necessary to assess the political risk environment.	Strong-H	Strong-H	Moderate-M	Moderate-M	-
31					60	CO5	Conduct research and communicate findings effectively on complex politico-economic environments through the preparation of country risk portfolio.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
32	SEM IV	060441405 - PP	T6808	Project	60	CO1	Demonstrate the ability to connect theory with praxis from the problem solving perspective	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
32					60	CO2	Critically scrutinize theoretical knowledge and apply them to real world issues	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
32					60	CO3	Provide a platform to improve employability and entrepreneurial skills such as critical and innovative thinking, communication and collaboration	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
32					60	CO4	Develop an ability to engage in a systemic discovery based on appropriate information and tools	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
32					60	CO5	Clearly present recommendations and conclusions drawn based on the project experience in oral and written form	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4	GA1	Scholarship: research, inquiry and lifelong learning	PO4	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7	GA3	Eco-literate: sensitivity towards a sustainable environment	PO7	Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8	GA2	Global citizenship: ethical, social and professional understanding	PO8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO9	Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10	GA2	Global citizenship: ethical, social and professional understanding	PO10	Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11	GA1	Scholarship: research, inquiry and lifelong learning	PO11	Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12	GA1	Scholarship: research, inquiry and lifelong learning	PO12	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
13	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO13	To develop the competence of creating and providing sustainable infrastructure, housing, water and waste water services.
14	GA3	Eco-literate: sensitivity towards a sustainable environment	PO14	To effectively apply engineering fundamentals for the development and management of civil engineering solutions that are sensitive towards the environment for the benefit of society at large.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14
1	SEM I	070121101 - PP	TE7168	Engineering Mathematics -I	60	CO1	Apply successive differentiation to find nth derivative, indeterminate forms and series expansion of functions.	Strong-H	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	-	Moderate-M	-	-
1					60	CO2	Apply the concepts of partial differentiations to solve problems on homogeneous functions, Jacobians and maxima & minima.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	-	Moderate-M	-	-
1					60	CO3	Evaluate integrals using reduction formulae and improper integral using DUIS rule and beta-gamma function.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	-	Moderate-M	-	-
1					60	CO4	Test the convergence of series of positive terms, by using appropriate tests and find Fourier series expansion of periodic functions.	Strong-H	Strong-H	-	-	-	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	-	Moderate-M	-	-
1					60	CO5	Evaluate rank of a matrix, Eigen values and Eigen vectors. Find inverse using Caley Hamilton theorem and solve system of simultaneous equations.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	-	Moderate-M	-	-
2	SEM I	070121101 - PR	TE7168	Engineering Mathematics -I	60	CO1	Determine the components of a force in rectangular or non-rectangular co-ordinates, determine resultants and apply conditions of static equilibrium to plane force systems.	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
2					60	CO2	Draw complete and correct free-body diagrams and determine resultants and apply conditions of static equilibrium to plane force systems.	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
2					60	CO3	Determine the support reactions of structures, recognize frictional forces acting on a body and analyze these forces	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
2					60	CO4	Apply the basic concepts of kinematics for the application of rectilinear motion	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
2					60	CO5	Apply the knowledge of Work-Energy principle and Impulse-Momentum principle.	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
2					60	CO6	Apply the basic concepts of dynamic equilibrium concept on Curvilinear motion	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
3	SEM I	070121102 - PP	T7540	Basic Electrical and Electronics Engineering	60	CO1	Develop a clear understanding and acquire the knowledge of basic principles, working and applications of DC machines and single phase transformer.	Strong-H	Strong-H	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
3					60	CO2	Understand basics of semiconductor physics, diode, Zener Diode and BJTs, their different configurations and applications.	Strong-H	Strong-H	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
3					60	CO3	Develop a clear understanding of digital circuits like half adder, full adder and logic gate	Strong-H	Strong-H	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
3					60	CO4	Understand the need of various safety precautions to be undertaken while working with electrical equipment and learn different wiring components and wiring schemes.	Moderate-M	Weak-L	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	-	Weak-L	-	-

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4	SEM I	070121103-PP	T7381	Chemistry	60	CO1	Understand different terms and numericals related to water treatment, and apply different techniques for the same	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
4					60	CO2	Understand the basic concept in polymer chemistry and describe types, mechanism and properties of polymers and composites	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
4					60	CO3	Apply the concepts related to various spectroscopic analysis techniques	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
4					60	CO4	Describe different thermodynamic concepts and solve basic problems in electrochemistry	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
4					60	CO5	Understand the basic concepts related to Green chemistry, environmental chemistry and non-conventional energy sources	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
4					60	CO6	Describe the concepts related to fuel chemistry, solve numerical problems and understand the basic concepts in Energy science and Nanomaterials	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
5	SEM I	070121104-PP	T7414	Engineering Mechanics	60	CO1	Determine the components of a force in rectangular or non-rectangular co-ordinates, determine resultants and apply conditions of static equilibrium to plane force systems.	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
5					60	CO2	Draw complete and correct free-body diagrams and determine resultants and apply conditions of static equilibrium to plane force systems.	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
5					60	CO3	Determine the support reactions of structures, recognize frictional forces acting on a body and analyze these forces	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
5					60	CO4	Apply the basic concepts of kinematics for the application of rectilinear motion	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
5					60	CO5	Apply the knowledge of Work-Energy principle and Impulse-Momentum principle.	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
5					60	CO6	Apply the basic concepts of dynamic equilibrium concept on Curvilinear motion	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
6	SEM I	070121105-PR	T7924	Engineering Graphics	60	CO1	Understand and draw projections of points (0D) located in four quadrants	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
6					60	CO2	Visualize, plan and draw projections of lines (1D) and planes (2D) (inclined to both planes of projection)	Strong-H	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
6					60	CO3	Visualize and draw projections of regular solids (3D) (inclined to both planes of projection) and sections of regular solids (front view, top view and true shape)	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
6					60	CO4	Visualize and communicate 3D regular/irregular shapes as 2D engineering drawings and vice versa using orthographic/isometric/development principles	Strong-H	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14
7	SEM I	070121106-PP	TE7286	Programming and Problem Solving	60	CO1	Introduce concepts of computational thinking modern computer systems, python IDE, problem formulation, devising solution and its evaluation	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
7					60	CO2	Get acquainted to python programming basics by learning and practicing the coding	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
7					60	CO3	Evaluation and analysing using functions and modules to simplify and automate the programming	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
7					60	CO4	Using classes to create representations of real world objects and simulate them in IDE	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
8	SEM I	070121107-PR	T7593	Basic Electrical and Electronics Engineering Lab	60	CO1	Apply the knowledge of relevant laws and principles and familiarize with different theorems and analytical approaches for solving a given electric circuit.	Strong-H	Strong-H	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	-	Weak-L	-	-
8					60	CO2	Develop a clear understanding of the characteristics of basic semiconductor devices like, pn junction diode, Zener Diode and BJTs, their different configurations and applications.	Strong-H	Strong-H	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	-	Weak-L	-	-
8					60	CO3	Use and understand different controls of equipment's like CRO and DMM.	Moderate-M	Moderate-M	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	-	Weak-L	-	-
8					60	CO4	Understand and develop Computational Thinking concepts	Moderate-M	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
9	SEM I	070121108-PP	T7382	Chemistry Lab	60	CO1	Examine water samples for different parameters through experimentation	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
9					60	CO2	Understand the preparation of condensation polymers and finding molecular weight of polymer	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
9					60	CO3	Understand basic experimentation related to adsorption and chromatography	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
9					60	CO4	Apply basic concepts in spectroscopic analysis	Strong-H	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
9					60	CO5	Write effectively the results of experimentation and develop team working skills	-	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
10	SEM I	070121109-PR	T7415	Engineering Mechanics Lab	60	CO1	Illustrate law of parallelogram of forces/ polygon of forces.	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
10					60	CO2	Support reaction of simple beam and compound beam	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
10					60	CO3	Determine coefficient friction of belt/inclined plane	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
10					60	CO4	Illustrate law of moment using Bell crank lever	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
10					60	CO5	Demonstrate curvilinear motion	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
10					60	CO6	Understand basics of compound pendulum through experiment	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
10					60	CO7	Understand basics of moment of Inertial with use of flywheel	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
11	SEM I	070121110-PP	T6732	Critical Thinking	60	CO1	Make better decisions based on logical thinking,	-	Strong-H	Weak-L	Moderate-M	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Moderate-M	-	-
11					60	CO2	Identify and evaluate facts in an argument,	-	Strong-H	Weak-L	Moderate-M	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Moderate-M	-	-

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11					60	CO3	Derive truth , ambiguity, vagueness and fallacy in arguments	-	Moderate-M	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Moderate-M	-	-
11					60	CO4	Design questions to reach conclusions.	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
12	SEM I	070121111 - PR	TE7287	Programming and Problem Solving Lab	60	CO1	Understand and develop Computational Thinking concepts	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
12					60	CO2	Express a problem-solving strategy to breakdown a complex problem into a series of simpler tasks	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Moderate-M	-	-
12					60	CO3	Describe python programs that appropriately utilize built-in functions and control flow statements	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Moderate-M	-	-
12					60	CO4	Use functions for structuring Python programs.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Moderate-M	-	-
12					60	CO5	Represent compound data using Python lists, tuples, dictionaries	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Moderate-M	-	-
12					60	CO6	Understand and apply object oriented programming concepts.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Moderate-M	-	-
13	SEM II	070121201 - PP	TE7169	Engineering Mathematics -II	60	CO1	Evaluate multiple integral in different coordinate system.	Strong-H	Moderate-M	-	-	-	Weak-L	-	Weak-L	Strong-H	Weak-L	-	Moderate-M	-	-
13					60	CO2	Apply multiple integralto find area, volume and centre of mass and gravity.	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Strong-H	Weak-L	-	Moderate-M	-	-
13					60	CO3	Identify and solve linear differential equations using suitable method and apply for solving problems from engineering.	Strong-H	Strong-H	-	-	-	Weak-L	-	Weak-L	Strong-H	Weak-L	-	Moderate-M	-	-
13					60	CO4	Evaluate gradient, divergence, curl, directional derivatives and applyGreen's theorem, Gauss divergence theorem and Stoke's theorem to evaluate vector integration.	Strong-H	Moderate-M	-	-	-	Weak-L	-	Weak-L	Strong-H	Weak-L	-	Moderate-M	-	-
13					60	CO5	Evaluate Laplace transform of various function and solve linear differential equation	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Strong-H	Weak-L	-	Moderate-M	-	-
14	SEM II	070121201 - PR	TE7169	Engineering Mathematics - II tut	60	CO1	Evaluate multiple integral in different coordinate system.	Strong-H	Moderate-M	-	-	-	Weak-L	-	Weak-L	Strong-H	Weak-L	-	Moderate-M	-	-
14					60	CO2	Apply multiple integralto find area, volume and centre of mass and gravity.	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Strong-H	Weak-L	-	Moderate-M	-	-
14					60	CO3	Identify and solve linear differential equations using suitable method and apply for solving problems from engineering.	Strong-H	Strong-H	-	-	-	Weak-L	-	Weak-L	Strong-H	Weak-L	-	Moderate-M	-	-
14					60	CO4	Evaluate gradient, divergence, curl, directional derivatives and applyGreen's theorem, Gauss divergence theorem and Stoke's theorem to evaluate vector integration.	Strong-H	Moderate-M	-	-	-	Weak-L	-	Weak-L	Strong-H	Weak-L	-	Moderate-M	-	-
14					60	CO5	Evaluate Laplace transform of various function and solve linear differential equation	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Strong-H	Weak-L	-	Moderate-M	-	-
15	SEM II	070121202 - PP	T7391	Physics	60	CO1	Understand the basic principles of heat transfer and evaluate the thermal performance of buildings with reference to the environment.	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	-	Strong-H	-	-

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15					60	CO2	Demonstrate the knowledge of fundamental concept of simple harmonic oscillations and develop the ability to identify damping forces in a system and methods to minimize the dissipation of energy against them	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
15					60	CO3	Understand the theory of superposition principle and comprehend and interpret the observations of formation of standing waves and variation in wave intensities due to the phenomena of interference	Moderate-M	Strong-H	Strong-H	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
15					60	CO4	Realize the importance of light phenomena of diffraction and the concept of resolving power in optical instruments	Moderate-M	Strong-H	Strong-H	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
15					60	CO5	Learn the principle of lasing and working of various types of lasers and understand their applications	Weak-L	Weak-L	Weak-L	-	-	Moderate-M	-	Weak-L	Weak-L	Weak-L	-	Strong-H	-	-
16	SEM II	070121203-PP	TE7178	Basics of Civil Engineering	60	CO1	Classify the types of surveys based on methods and instruments used.	Moderate-M	-	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
16					60	CO2	Define the necessity and principles of surveying.	Strong-H	-	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
16					60	CO3	Execute linear measurements by direct, optical and electronic method.	Moderate-M	-	-	-	Strong-H	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
16					60	CO4	Use prismatic compass and theodolite for angular measurements.	Moderate-M	-	-	-	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
16					60	CO5	Understand the social responsibility to maintain ecological balance and to minimize pollution.	-	-	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
16					60	CO6	Identify environmental issues related with construction activity.	-	-	-	-	-	Strong-H	-	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-
17	SEM II	070121204-PP	T7383	Communication Skills	60	CO1	Communicate/ express effectively in correspondence.	-	-	-	-	-	Weak-L	-	Moderate-M	Strong-H	Strong-H	-	Strong-H	-	-
17					60	CO2	Identify/ Recognize the barriers to effective communication in accordance with all types of communication; avoid or overcome them.	-	-	-	-	-	Weak-L	-	Moderate-M	Strong-H	Strong-H	-	Strong-H	-	-
17					60	CO3	Employ etiquettes and effective communication in written communication.	-	-	-	-	-	Weak-L	-	Moderate-M	Weak-L	Strong-H	-	Moderate-M	-	-
17					60	CO4	Compose or create formal reports, memos, agenda, minutes and notices.	-	-	-	-	-	Weak-L	-	Moderate-M	Weak-L	Strong-H	-	Strong-H	-	-
17					60	CO5	Create and deliver effective presentations.	-	-	-	-	-	Weak-L	-	Weak-L	Moderate-M	Strong-H	-	Moderate-M	-	-
18	SEM II	070121205-PP	TE7188	Environmental Science	60	CO1	Understand about sustainable technologies for resource conservation	Strong-H	Weak-L	Weak-L	-	-	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	-	Moderate-M	Weak-L	-
18					60	CO2	Identify sources, effects and remedial measures for different pollutions	Weak-L	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	Moderate-M	-
18					60	CO3	Identify and formalize a generalized water and wastewater treatment process	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	-
18					60	CO4	Identify various sources of solid wastes, their effects and latest management techniques	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	-	Weak-L	Moderate-M	-

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18					60	CO5	Know about existing environmental laws and legislations and related case studies.	Moderate-M	Weak-L	-	Weak-L	-	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	-	Weak-L	Weak-L	-
19	SEM II	070121206-PR	TE7300	Tinker Lab	60	CO1	Relate fundamental concepts/laws of science and engineering	Moderate-M	Weak-L	-	-	Weak-L	Weak-L	-	Weak-L	Strong-H	Strong-H	-	Weak-L	-	-
19					60	CO2	Practice pre-achieved skills on hardware and devices	Weak-L	-	-	-	Weak-L	Weak-L	-	Weak-L	Weak-L	Strong-H	-	Weak-L	-	-
19					60	CO3	Take apart and reassemble and/or repairing of engineering gadgets	Weak-L	-	-	-	Weak-L	Weak-L	-	Weak-L	Weak-L	Strong-H	-	Weak-L	-	-
19					60	CO4	Explore various aspects of tinkered devices/instruments	Weak-L	-	-	-	Weak-L	Weak-L	-	Weak-L	Moderate-M	Strong-H	-	Moderate-M	-	-
19					60	CO5	Design and make models out of creativity using raw material	Weak-L	-	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Strong-H	Moderate-M	-	Weak-L	-	-
20	SEM II	070121207-PR	T7384	Communication skills lab	60	CO1	Express ideas and concepts well through vocabulary building, aptitude tests, mind mapping and brain storming.	-	-	-	-	-	Weak-L	-	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-
20					60	CO2	Demonstrate linguistic competence-through accuracy in grammar, pronunciation and vocabulary.	-	-	-	-	-	Weak-L	-	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-
20					60	CO3	Employ etiquettes in oral and written communication.	-	-	-	-	-	Weak-L	-	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	-	-
20					60	CO4	Modify their listening skills.	-	-	-	-	-	Weak-L	-	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-
20					60	CO5	Sketch their articulation while participating in Group discussions, debate or job interviews.	-	-	-	-	-	Weak-L	-	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-
21	SEM II	070121208-PR	T7392	Physics lab	60	CO1	Enhancing the problem analyzing aptitude by means of learning troubleshooting electrical circuits or setting of optical instruments	Strong-H	Strong-H	-	Moderate-M	-	Weak-L	-	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	-	-
21					60	CO2	Data analysis, interpretation and drawing inferences	Strong-H	Moderate-M	-	-	-	Weak-L	-	Weak-L	Strong-H	Moderate-M	-	Moderate-M	-	-
21					60	CO3	Promoting individual and team work skills	Strong-H	Moderate-M	-	Moderate-M	-	Weak-L	-	Weak-L	Weak-L	Moderate-M	-	Moderate-M	-	-
21					60	CO4	Inculcating ethics while recording (true) observations	Weak-L	-	-	-	-	Weak-L	-	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
21					60	CO5	Teaching project management by learning to make the best use of available resources	Weak-L	Moderate-M	-	Moderate-M	-	Weak-L	-	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	-
22	SEM II	070121209-PR	TE7179	Basics of Civil Engineering Lab	60	CO1	Define linear measurements in surveying	Moderate-M	-	-	-	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-
22					60	CO2	Identify parts of Prismatic Compass	-	-	-	-	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-
22					60	CO3	Apply knowledge of distance and bearing measurements to make a compass traverse and coordinate a team effort to complete a compass traverse.	-	-	-	-	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-
22					60	CO4	Illustrate environmental issuesrelated to construction.	-	-	-	-	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	-
22					60	CO5	Explain different types of scales and their conversion	Strong-H	-	-	-	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-
22					60	CO6	Compare different types of maps	Moderate-M	-	-	-	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-
22					60	CO7	List different parts of theodolite	Strong-H	-	-	-	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-
22					60	CO8	Find vertical angle by using theodolite	Strong-H	-	-	-	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	Moderate-M	-	Weak-L	-
22					60	CO9	Apply knowledge of measurements of horizontal and vertical angles to make theodolite traverse.	Moderate-M	Weak-L	-	-	Weak-L	Weak-L	-	Weak-L	Strong-H	Strong-H	Strong-H	-	Weak-L	-

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23	SEM II	070121210 - PR	TE7396	Software Tools	60	CO1	Create formula with absolute and relative cell references using MS-Excel tool	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
23					60	CO2	Understand the functioning of various MS-Excel command	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
23					60	CO3	Demonstrate the ability to use PowerPoint and its application	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	-	Weak-L	Strong-H	Moderate-M	-	Weak-L	-	-
23					60	CO4	Analyze the data by using statistical functions using MS-Excel tool	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
23					60	CO5	Create Microsoft Outlook profiles to configure it with an email account.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
24	SEM II	070121211 - PP	T6773	Creative Thinking	60	CO1	Understand the importance of right-brain directed thinking complementing left-brain directed thinking	-	Strong-H	Weak-L	-	-	-	-	Strong-H	Weak-L	Strong-H	-	Moderate-M	-	-
24					60	CO2	Infer and discover processes and methods of creative problem solving	Moderate-M	Strong-H	Moderate-M	-	Weak-L	-	Weak-L	-	Strong-H	Strong-H	-	Moderate-M	-	-
24					60	CO3	Enhance and correlate their creative and innovative thinking skills	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	-	Strong-H	Moderate-M	-	-	-	-
24					60	CO4	Understand various disruptive innovations and techniques	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	-	Strong-H	Moderate-M	-	-	-	-
24					60	CO5	Analyze and apply various tools of creativity to some basic problem	Moderate-M	Strong-H	Moderate-M	-	-	-	-	-	Strong-H	Moderate-M	-	-	-	-
25	SEM III	070121301 - PP	T7957	Engineering Mathematics-III	60	CO1	Use Cauchy's residue theorem, Cauchy's integral theorem and Cauchy's integral formula to evaluate contour integrals.	Strong-H	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Moderate-M	Weak-L	-
25					60	CO2	Represent the given function in Fourier integral representation, find Fourier transforms and inverse Fourier transforms.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Moderate-M	Weak-L	-
25					60	CO3	Apply Z-transform to solve difference equations.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Moderate-M	Weak-L	-
25					60	CO4	Describe the nature of partial differential equations and solve partial differential equations.	Strong-H	Strong-H	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Moderate-M	Weak-L	-
25					60	CO5	Apply Fourier transform to solve boundary value problems such as heat equation, wave equation.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
25					60	CO6	Apply Z-transform to solve difference equations.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
25					60	CO7	Describe the nature of partial differential equations and solve partial differential equations.	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
26	SEM III	070121301 - PP	T7957	Engineering Mathematics-III	60	CO1	Use Cauchy's residue theorem, Cauchy's integral theorem and Cauchy's integral formula to evaluate contour integrals.	Strong-H	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Moderate-M	Weak-L	Weak-L
26					60	CO2	Represent the given function in Fourier integral representation, find Fourier transforms and inverse Fourier transforms.	Strong-H	Moderate-M	-	-	-	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	-	Strong-H	Weak-L	Weak-L
26					60	CO3	Apply Z-transform to solve differential equations.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Moderate-M	Weak-L	Weak-L
26					60	CO4	Describe the nature of partial differential equations and solve partial differential equations.	Strong-H	Strong-H	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Moderate-M	Weak-L	Weak-L
26					60	CO5	Apply Fourier transform to solve boundary value problems such as heat equation, wave equation.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-

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26					60	CO6	Apply Z-transform to solve difference equations.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-	
26					60	CO7	Describe the nature of partial differential equations and solve partial differential equations.	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-	
27	SEM III	070121302-PP	TE7170	Solid Mechanics	60	CO1	To determine stress and strains, describe stress vs. strain graph, determine yield strength, ultimate strength, and modulus of elasticity	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-	
27					60	CO2	To calculate shear force and bending moment under different loading conditions	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
27					60	CO3	Determine bending stress and shear stress relative to beam design.	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
27					60	CO4	To understand and calculate principal stresses.	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
27					60	CO5	To understand and calculate the concept of torsion and strain energy.	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
27					60	CO6	To calculate buckling of axially and eccentrically loaded columns.	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
28	SEM III	070121303-PR	TE7199	Solid Mechanics Lab	60	CO1	Operate different hardness testing machines and distinguish between the hardness testing techniques developed by Rockwell, Brinell and Vicker.	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
28					60	CO2	Determine the hardness values for different materials and calculate ultimate tensile strengths by the aid of conversion tables.	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
28					60	CO3	Determine toughness of material by conducting Izod impact test.	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
28					60	CO4	Understand the behaviour of the wooden specimen under bending and determine elastic strength, moment of resistance, modulus of elasticity and modulus of rupture.	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
28					60	CO5	Determine tensile strength on a mild steel specimen and determine yield strength, ultimate strength, Young's modulus of elasticity, percentage elongation and percentage reduction in area.	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
29	SEM III	070121304-PP	TE7398	Building design and drawing	60	CO1	Understand various methods of drawing with in-depth knowledge of scales, lines, dimensioning patterns, abbreviations and symbols as per IS codes.	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
29					60	CO2	Developing line plan & working drawings of the building	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
29					60	CO3	Prepare elevation drawing for aesthetic and sectional details by following building rules and bye laws, for residential buildings.	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
29					60	CO4	Design of Buildings for Noise and Acoustics, Fire Protection, Building Services, Plumbing Services. Study of proper ventilation and lightning.	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
29					60	CO5	Plan a residential or commercial commodity as per principles of planning.	-	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
29					60	CO6	Prepare one and two point perspective drawing.	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-

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30	SEM III	070121305 - PR	TE7400	Building Design and drawing Lab	60	CO1	Study layout of sheet for civil engineering drawing. Study and draw different types of scales, lines, dimensioning patterns, abbreviations and symbols as per IS codes.	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
30					60	CO2	Prepare line plan for residential buildings	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
30					60	CO3	Developing line plan & preparing working drawings of the building	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
30					60	CO4	Prepare different elevation drawings for aesthetic and sectional details. Prepare line plans of different public buildings. Prepare the drawing showing details of water supply and drainage layout	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
30					60	CO5	Study and draw perspective drawing of the buildings	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
30					60	CO6	Draw free hand sketches of various components of building.	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
31	SEM III	070121306 - PP	TE7181	Fluid Mechanics - I	60	CO1	Apply basic concepts of properties of fluids and the fundamentals of dimensional analysis and application of Buckingham theorem in solving practical problems	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
31					60	CO2	Understand the significance of basic principles of fluid statics and application of hydrostatic law in determining forces on surfaces and hydraulic structures, floatation and stability of floating bodies.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
31					60	CO3	Understand the principles of kinematics with specific emphasis on application of continuity equation, stream function etc.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
31					60	CO4	Apply the principles of Bernoulli's equation in measurement of discharge in pipes, and in other pipe flow problems.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
31					60	CO5	Develop basic concept related to laminar flow and apply for various applications	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
31					60	CO6	Apply fundamental concepts of fluid mechanics in solving fluid flow problems in pipes and analysis of pipe networks	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
32	SEM III	070121307 - PR	T7958	Fluid Mechanics - I Lab	60	CO1	Calibrate flow measuring devices used in pipes and plot flow nets	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
32					60	CO2	Characterize laminar and turbulent flows	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
32					60	CO3	Study of stability of floating bodies	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
32					60	CO4	Define dimensional parameters and state its application.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
32					60	CO5	State and verify Bernoulli's Theorem.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
33	SEM III	070121308 - PP	TE7399	Building Construction Technology	60	CO1	Memorize various components of building, their functional requirements and their specification	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-	-
33					60	CO2	Design and cast concrete cubes in required mix proportions and perform strength tests on it.	Strong-H	Moderate-M	Strong-H	Weak-L	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-

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33					60	CO3	Classify shallow and deep foundation into categories and select appropriate foundation for specific scenario.	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
33					60	CO4	Identify the need of damp proofing and outline the methods for accomplishing it.	Moderate-M	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
33					60	CO5	Explain the properties, types, construction procedure of super structure building elements.	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
33					60	CO6	Apply the procedures for testing quality of materials.	Weak-L	Moderate-M	-	Moderate-M	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
33					60	CO7	Outline the necessity and brief idea of sustainable building concepts.	Moderate-M	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
33					60	CO8	Interpret the damages caused in a building and devise methods to repair/retrofit it.	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	-
34	SEM III	070121309 - PR	TE7401	Building Construction Technology Lab	60	CO1	Reproduce the quality testing for aggregates	Moderate-M	-	Moderate-M	Strong-H	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
34					60	CO2	Sketch manually the sectional drawing of a building with all the detailing in appropriate scale	Strong-H	-	Strong-H	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
34					60	CO3	Sketch the building elements using drafting software, AutoCAD.	Moderate-M	-	Strong-H	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
34					60	CO4	Interpret the process in a precast construction industry and summarize it in the form of a report.	Strong-H	Strong-H	Strong-H	Moderate-M	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
34					60	CO5	Outline the process to be followed for green certification of a building .	Strong-H	-	Moderate-M	Strong-H	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Moderate-M	Weak-L	-
35	SEM III	070121310 - PP	T4005	Engineering Hydrology	60	CO1	Describe the mechanism behind each component of hydrologic cycle such as precipitation, evaporation, infiltration and runoff.	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
35					60	CO2	Illustrate runoff, modeling of runoff, and hydrograph.	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
35					60	CO3	Explain forecasting, control of flood and concept of Muskingum method	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
35					60	CO4	Recognize the effect of urbanization on hydrological cycle.	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
35					60	CO5	Discuss the parameters to quantify yield from aquifers	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
35					60	CO6	Find out necessity of water resources development and managing it for its optimal usage.	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
36	SEM III	070121311 - PP	T6184	Integrated Disaster Management	60	CO1	Distinguish between the different approaches needed to manage pre-during and post- disaster periods	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M	Weak-L	-	Strong-H	Weak-L	-
36					60	CO2	Understand the process of risk / Emergency/Disaster Management Cycle	Weak-L	-	-	-	-	-	Moderate-M	Moderate-M	Strong-H	Weak-L	-	Moderate-M	Weak-L	-
36					60	CO3	Affirm the usefulness of integrating management principles in disaster mitigation work	-	-	-	-	-	-	-	Weak-L	Weak-L	Weak-L	-	Strong-H	Weak-L	-
36					60	CO4	Develop an understanding of the key concepts, definitions a key perspectives of All Hazards Emergency Management .	-	-	-	-	-	-	Weak-L	Weak-L	Strong-H	Weak-L	-	Moderate-M	Weak-L	-

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36					60	CO5	Develop a basic under understanding of Prevention, Mitigation, Preparedness, Response and Recovery	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M	Weak-L	-	Moderate-M	Weak-L	-
37	SEM III	070121312 - PP	T6186	Basic German I	60	CO1	Basic greetings and introducing yourself in German	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
37					60	CO2	Numbers, nationalities, languages, professions in German	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
37					60	CO3	Talking about freetime activities, likings, Family members	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
37					60	CO4	To be able to tell time, daily routine, classroom objects	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
38	SEM III	070121313 - PP	T6188	Basic French I	60	CO1	To learn how to greet, start initial conversation with french speaking people/colleagues from France / Francophone countries.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
38					60	CO2	To be able to introduce oneself or someone else in french	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
38					60	CO3	To talk about ones likes, dislikes, activities, family etc.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
38					60	CO4	To be able to ask basic questions to get information related to managing oneself in France or francophone countries.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
38					60	CO5	To learn vocabulary related to objects, places around us, time etc.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
39	SEM IV	070121401 - PP	T8000	Statistics, Probability and Numerical Methods	60	CO1	Use numerical methods to solve algebraic and transcendental equations.	Strong-H	Strong-H	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Moderate-M	Weak-L	-
39					60	CO2	Apply interpolation formulae to predict the value of any intermediate term and evaluate integration by numerical methods.	Strong-H	Strong-H	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Moderate-M	Weak-L	-
39					60	CO3	Determine numerical solutions of ordinary differential equations.	Strong-H	Strong-H	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Moderate-M	Weak-L	-
39					60	CO4	Calculate measures of dispersions, coefficient of variation, coefficient of correlation.	Strong-H	Strong-H	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	-
39					60	CO5	Estimate the value of dependent variable using regression analysis.	Strong-H	Strong-H	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	-
39					60	CO6	Compute probabilities using probability distributions (discrete and continuous).	Strong-H	Strong-H	Strong-H	Moderate-M	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Moderate-M	Weak-L	-
40	SEM IV	070121402 - PR	T7960	Statistics, Probability and Numerical Methods lab	60	CO1	Apply MATLAB Built in functions to carry out matrix operations. Calculate Eigen values, Eigen vectors using MATLAB.	Moderate-M	Moderate-M	-	-	Strong-H	-	-	-	Strong-H	-	-	Moderate-M	Strong-H	-
40					60	CO2	Compute solution of system of simultaneous equations by gauss elimination.	Strong-H	Strong-H	Moderate-M	-	Strong-H	-	-	-	Strong-H	-	-	Moderate-M	-	-
40					60	CO3	Write a code to evaluate numerical interpolation, differentiation and integration.	Strong-H	Strong-H	Weak-L	-	Strong-H	-	-	-	Strong-H	-	-	Moderate-M	-	-
40					60	CO4	Find numerical solution of ordinary differential equations using MATLAB code.	Strong-H	Strong-H	Weak-L	-	Strong-H	-	-	-	Strong-H	-	-	Moderate-M	Strong-H	-
40					60	CO5	Write MATLAB code for solving partial differential equations using finite difference methods.	Strong-H	Strong-H	Moderate-M	-	Strong-H	-	-	-	Strong-H	-	-	Moderate-M	Moderate-M	-
40					60	CO6	Use R software to carry out statistical computations	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	-	-	Strong-H	-	Weak-L	Moderate-M	Strong-H	-

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41	SEM IV	070121403 - PP	TE7402	Structural Analysis - I	60	CO1	Define the structure and state different types of structures, the different types of joints displacements of structures, describe the equilibrium conditions for the structure. Describe the determinacy and static and kinematic indeterminacy of structures.	Strong-H	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
41					60	CO2	Define slope and deflection of structures and describe the analysis of determinate structures by methods like Macaulays method, concept of moment area method and conjugate beam method.	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
41					60	CO3	Describe the analysis of indeterminate structures by the methods like Castiglianos Energy theorems, three moment theorem.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
41					60	CO4	Analyse the determinate and indeterminate truss by energy method.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
41					60	CO5	State the true and idealized stress-strain curve for mild steel in tensions and state the stress distribution in elastic, elastic-plastic and plastic stage, State the plastic analysis of determinate and indeterminate beams, single bay single storied portal frame.	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
41					60	CO6	Define the influence line for structures with different support conditions and application of the Muller-Breslaus principle for influence line diagram of simply supported, overhanging and compound beams.	Strong-H	Moderate-M	Weak-L	Strong-H	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
41					60	CO7	Define rolling loads and determination of shear force and bending moment in beams due to two concentrated loads at some distance apart, series of concentrated loads, condition of maximum bending moment, absolute maximum bending moment, concept of equivalent uniformly distributed load.	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-
42	SEM IV	070121404 - PP	TE7403	Geology & Soil Mechanics	60	CO1	Evaluate geotechnical investigation methods suitable at a particular site based on soil conditions.	Strong-H	Weak-L	-	Moderate-M	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
42					60	CO2	Describe petrology and interpret occurrence of structural features.	-	Weak-L	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
42					60	CO3	Infer index properties of soil and interpret soil behaviour.	Strong-H	-	-	Moderate-M	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
42					60	CO4	Appraise the importance of seepage and permeability and assess this property in soil.	Strong-H	Strong-H	-	Moderate-M	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
42					60	CO5	Relate Compaction and consolidation properties of soil to overall soil mass behaviour on foundation.	Strong-H	Strong-H	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
42					60	CO6	Infer shear test results and determine factor of safety for given slope.	-	Strong-H	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
43	SEM IV	070121405 - PR	TE7404	Geology & Soil Mechanics Lab	60	CO1	State and identify various igneous rocks, sedimentary rocks, metamorphic rocks.	Strong-H	Strong-H	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-

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43					60	CO2	Analyze geological maps and extract information for structural features.	Strong-H	Strong-H	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
43					60	CO3	Perform dry sieve analysis in order to determine the particle size distribution of a given soil sample.	Strong-H	Strong-H	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
43					60	CO4	Classify and define consistency limits of a given clay sample using Casagrande method.	Strong-H	Strong-H	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
43					60	CO5	Distinguish the procedure of constant head and falling head method for determining permeability characteristics of a given soil sample.	Strong-H	Strong-H	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
43					60	CO6	Explain Standard proctor test for estimating dry density of a soil sample.	Strong-H	Strong-H	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
43					60	CO7	Determine relative density of cohesion less soil.	Strong-H	Strong-H	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
43					60	CO8	Interpret the type of cohesive soil based on grain size analysis	Strong-H	Strong-H	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
44	SEM IV	070121406 - PP	T7966	Fluid Mechanics II	60	CO1	Explain the concepts of lift and drag	Moderate-M	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
44					60	CO2	Compute open channel flow velocity and discharge using the Mannings equation. Define and compute the normal depth, Determine the best hydraulic section for given channel shape. Solve problems involving flow through changes in channel elevation and geometry, with and without head loss, using the concept of specific energy	Strong-H	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
44					60	CO3	Classify and compute various Gradually Varied Flow (GVF) profiles	Moderate-M	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
44					60	CO4	Explain the concept of hydraulic jump and its uses	Moderate-M	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
44					60	CO5	Describe various notches and weirs to measure discharge of fluids	Moderate-M	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
44					60	CO6	Describe laminar and turbulent boundary layer. Apply integral form of the boundary layer equations to derive expressions for boundary. Layer thickness, displacement thickness, momentum thickness and overall drag. Utilize exact and integral solutions to the boundary layer equations to estimate boundary layer thickness and overall drag	Moderate-M	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
45	SEM IV	070121407 - PR	TE7290	Fluid Mechanics - II Lab	60	CO1	Determine Mannings roughness coefficient for the given open channel Examine flow around a circular cylinder and airfoil	Moderate-M	-	-	-	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
45					60	CO2	Study of velocity distribution in open channel flow. Estimate flow rate by using different notches	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
45					60	CO3	Study of uniform flow formulae in open channel Study of specific energy curve in open channel	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
45					60	CO4	Take part in calibration of Standing Wave Flume / Venturi / Parshal flume. Examine Hydraulic Jump as Energy Dissipater	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-

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45					60	CO5	Study of Nappe Profiles over a Sharp Crested Weir	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
45					60	CO6	Test calibration of Sharp Crested, Broad Crested and Ogee Weir	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
46	SEM IV	070121408-PR	T2646	Advanced Surveying Lab	60	CO1	Demonstrate and handle survey instruments like dumpy and auto level, 10, 20 and electronic theodolite, and Total Station etc.	Moderate-M	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
46					60	CO2	Develop skills and logic for carrying out different methods of surveying with above mentioned instruments.	Moderate-M	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
46					60	CO3	Carry out survey to establish controls & locate details over a property/estate & find out its area	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
46					60	CO4	Design a route for roads, railways etc by doing survey.	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
46					60	CO5	Carry out survey for ghat sections and curved sections of road and railways.	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
46					60	CO6	Plot & prepare survey plans/maps & sections.	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
47	SEM IV	070121409-PR	T7963	Service Learning	60	CO1	Illustrate the goals and understand importance of service learning activities in day today life.	-	Moderate-M	-	Weak-L	Weak-L	Strong-H	-	Strong-H	-	Strong-H	Weak-L	Strong-H	-	-
47					60	CO2	Discuss the problems and possible solutions of different communities like rural communities, school children, old age groups etc.	-	Strong-H	Weak-L	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	-	Moderate-M	-	-
47					60	CO3	Explain the objectives, methodology, implication and obstacles of service learning activity in order to know the suitable method to solve various issues of communities.	Moderate-M	-	Moderate-M	-	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	-	Moderate-M	Weak-L	-	-
47					60	CO4	Construct and design the project and explain the importance of the project and discuss the possible outcomes and assign tasks to students.	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	-	-
47					60	CO5	Engage students in projects and community based practices to solve the real world problems using their engineering skills.	-	Weak-L	Weak-L	-	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-
47					60	CO6	Students, faculties, communities, and organizations will take part in modifying, implementing, and recommending the best solution to solve the problem associated with different communities.	Moderate-M	-	Strong-H	-	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-
48	SEM IV	070121410-PP	TE7405	Entrepreneurship	60	CO1	To familiarize the students with basics of entrepreneurship, its advantages & challenges	-	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	-	-	Moderate-M	-	-	-	-	-
48					60	CO2	To understand foundation of starting a business - from generating an idea to its implementation	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-
48					60	CO3	To identify various institutions supporting business ventures including government support	-	-	Weak-L	-	Moderate-M	Weak-L	-	-	Weak-L	Moderate-M	-	Weak-L	Weak-L	-
49	SEM V	070121501-PP	T7416	Structural Analysis II	60	CO1	To analyze continuous beam by displacement method like slope and deflection.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
49					60	CO2	To analyze continuous beam by displacement method like moment distribution.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-

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49					60	CO3	To analyze two and three hinged arches through the procedure for the determination of horizontal thrust, radial shear and normal thrust.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
49					60	CO4	To analyze continuous beam and frame by flexibility method.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
49					60	CO5	To analyze continuous beam and frame by stiffness method.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
50	SEM V	070121502-PP	F0003	Railway Tunnel and Harbour Engineering	60	CO1	Identify the classifications of the railway lines based on various aspects such as gauges, load carrying capacity etc. Identify the basic components that make a railway track and describe their functions.	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
50					60	CO2	Describe the survey steps for the railway alignment. Carry out the geometric design of railways. Describe the requirements, functions, types of turnouts in railways.	Strong-H	-	Weak-L	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
50					60	CO3	Describe the construction process for new tracks and renewal of existing tracks, describe the requirements and track maintenance process.	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
50					60	CO4	Discuss the requirements of station and yards, use of signals, describe the modernization in railway engineering	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
50					60	CO5	Describe the methods of tunneling in hard rock and soft rocks. Describe the safety procedures and precautions to be followed during the tunneling.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
50					60	CO6	Classify the Harbours depending up on protection, utility and location. Describe the features, facilities and planning of the harbor and port.	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
51	SEM V	070121503-PP	TE7406	Quantity Surveying and Valuation	60	CO1	Understand purpose of quantity estimates.	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	-	-
51					60	CO2	Study purpose and principles of specification writing, developing detailed specification, estimate quantities of items of work	Strong-H	-	-	Strong-H	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
51					60	CO3	Carry out rate analysis of various construction entities and use unit prices for appraising the project	Moderate-M	-	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
51					60	CO4	Estimate quantity of earth work in roads including hill road.	-	-	-	Strong-H	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-
51					60	CO5	Carry out detailed valuation of buildings.	Strong-H	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	-
51					60	CO6	Classify tendering and contracting methods and understand basics of contracting process	-	Strong-H	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-
52	SEM V	070121504-PR	TE7408	Quantity Surveying and Valuation Lab	60	CO1	Understand Planning and organizing for an estimate and estimating the cost of general conditions.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
52					60	CO2	Write specification of building works, road work and irrigation works and prepare detailed estimate of a building.	Strong-H	-	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-

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52					60	CO3	Prepare detailed estimate of RCC frame structured residential buildings and carry out rate analysis of various construction entities.	Strong-H	-	-	Moderate-M	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
52					60	CO4	Prepare detailed estimate of earthwork in roads	-	-	-	Strong-H	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
52					60	CO5	Carry out valuation of buildings.	Moderate-M	Strong-H	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
52					60	CO6	Write tender documents viz. tender notice, tender schedule and conditions of contracts regarding time, labour payment, damages etc.	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
53	SEM V	070121505-PP	T6749	Environmental Engineering I	60	CO1	Identify various natural sources available and compare their suitability for water supply and Define and study different infiltration galleries and Intake works.	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
53					60	CO2	Estimate demand of water and list the various types of demands and fluctuations in demand and Forecast population using different population forecast methods and compare them	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
53					60	CO3	List different types of water distribution systems and their working and List the various causes of wastage of water in water distribution system and study the measures of prevention.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
53					60	CO4	State various water qualities -Indian Standards and World Health Organization and State principles of water treatments processes and list various flow diagrams and layouts of different water treatment works.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
53					60	CO5	State and define the design parameters for various units of water treatment and working principle of Aeration and Understand the principal of sedimentation and filtration and various zones in sedimentation tank and functioning of these units.	Strong-H	Strong-H	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
53					60	CO6	List the operational difficulties in filtration process and Define the backwashing process of filters and disinfection, demineralization and water softening.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
54	SEM V	070121506-PR	TE7291	Environmental Engineering I Lab	60	CO1	Understand the physical characteristics of water	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
54					60	CO2	Perform common environmental experiments relating to water quality,	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
54					60	CO3	Suggest and perform appropriate experiments for given water sample	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
54					60	CO4	Statistically analyze and interpret laboratorial results	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
54					60	CO5	Apply the laboratorial results to problem identification, quantification, and basic environmental design and technical solutions.	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
54					60	CO6	Understand and use the water sampling procedures and sample preservations	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-

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54					60	CO7	Obtain the necessary background for subsequent courses in environmental engineering	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
54					60	CO8	Demonstrate the ability to work in groups	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
54					60	CO9	Understand the impact of water treatment on people and the environment.	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
54					60	CO10	Define water quality standards I.S. and WHO.	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
54					60	CO11	Outline the program for analysis of water distribution system.	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
54					60	CO12	State and identify Most Probable Number (MPN) for defining bacteriological properties.	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-
55	SEM V	070121507-PP	TE7407	Structural Design I	60	CO1	To define the properties of materials used in reinforced concrete design,different methods of structural design such as working stress method, Limit state method	Strong-H	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
55					60	CO2	To determine the flexure, shear, torsion and bond for singly and doubly reinforced beam.	Strong-H	Moderate-M	Strong-H	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
55					60	CO3	Able to design the beam.	Strong-H	Moderate-M	Strong-H	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-
55					60	CO4	Able to design slabs and staircase.	Strong-H	Moderate-M	Strong-H	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-
55					60	CO5	Able to design column and footing.	Strong-H	Moderate-M	Strong-H	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-
56	SEM V	070121508-PR	T6774	Structural Design I Lab	60	CO1	To understand,design and detailing the RCC building using IS codes.	Strong-H	Moderate-M	Strong-H	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-
56					60	CO2	To understand,design and detailing the water tank using IS codes.	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	-
57	SEM V	070121509-PP	T7417	Foundation of ethics	60	CO1	To impart the students with the tenets of ethics which are part of daily life.	-	-	-	-	-	Moderate-M	-	Strong-H	-	-	-	-	-	-
57					60	CO2	To inculcate the ethical behavior in the students.	-	-	-	-	-	Moderate-M	-	Moderate-M	-	-	-	-	-	-
57					60	CO3	To gain knowledge about the method by which we categorize ones values and pursue them.	-	-	-	-	-	Moderate-M	-	Strong-H	-	-	-	-	-	-
57					60	CO4	To study what is right and wrong in human endeavors.	-	-	-	-	-	Moderate-M	-	Strong-H	-	-	-	-	-	-
58	SEM V	070121514-PP	TE7218	Nanotechnology	60	CO1	Understand the concept of nanoscale materials and quantum effects governing the behavior of these materials	Moderate-M	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Moderate-M	Weak-L	-
58					60	CO2	Understand the nature and properties of nanomaterials.	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Moderate-M	Weak-L	-
58					60	CO3	Describe top-down and bottom-up approaches to synthesize various types of nanomaterials.	Moderate-M	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Moderate-M	Weak-L	-
58					60	CO4	Categorize nanomaterials and understand their structure using data from analytical tools like XRD and UV-Vis.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Moderate-M	Weak-L	-
58					60	CO5	Demonstrate the knowledge of properties of nanomaterials and their application in current technology development	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Moderate-M	Weak-L	-

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59	Sem VII	070121701 - PP	T7804	Environmental Engineering-II	60	CO1	Explain various physical, chemical and bacteriological characteristics of waste water- Estimate the future population and calculate wastewater generated. Design preliminary and primary treatment system for conventional wastewater treatment	Strong-H	Strong-H	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Moderate-M	-
59					60	CO2	Estimate the storm water discharge and Design storm water and sewer drains from given data	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Moderate-M	-
59					60	CO3	Explain and design various biological treatment system for secondary treatment of municipal wastewater	Strong-H	Moderate-M	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Moderate-M	-
59					60	CO4	Understand various low cost wastewater treatment systems and design a septic tank	Strong-H	Moderate-M	Strong-H	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Moderate-M	-
59					60	CO5	Characterize the municipal solid waste and Explain the solid waste treatment and disposal methods	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Moderate-M	-
59					60	CO6	Understand the treatment flow chart for various industrial wastewater treatment	Strong-H	Strong-H	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Moderate-M	-
60	Sem VII	070121702 - PP	T7674	Geotechnical Engineering -I	60	CO1	Define the concept of three phase soil systems, for studying the various terms used in soil engineering and their inter relationships. Use basic soil properties to find out wrong data in field report.	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
60					60	CO2	Understand permeability of soil. Understand the concept of flow net and its application to determine seepage flow	Strong-H	Moderate-M	Strong-H	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
60					60	CO3	Development in various laboratory method to find out degree of compaction. Understand various theories and their application to determine stress below the soil mass	Strong-H	Moderate-M	Weak-L	Weak-L	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
60					60	CO4	Understand the basics of soil compressibility and apply the concept of Terzaghis theory of one-dimensional consolidation to determine primary consolidation	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
60					60	CO5	Recognize the detailing of instruments used for estimating the strength properties of soil. Learn to draw Mohr circle for given stress condition in soil mass	Strong-H	Moderate-M	Weak-L	Weak-L	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
60					60	CO6	Recognize different modes of slope failure and estimate the factor of safety. Understand the importance of soil exploration, field testing and sampling	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
61	Sem VII	070121703 - PP	T7802	Construction Techniques and Management	60	CO1	Describe construction project, economy and role of its stakeholders, apply CPM & bar chart techniques of scheduling.	Strong-H	Weak-L	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	-	-
61					60	CO2	Apply PERT techniques and network crashing.	Strong-H	Weak-L	Weak-L	Moderate-M	-	Weak-L	-	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	-	-
61					60	CO3	Define resources planning, allocation and levelling to optimize resources.	Strong-H	-	Moderate-M	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	-	-

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61					60	CO4	Identify and list safety measures for various specialized construction activities.	Strong-H	-	-	Strong-H	-	Weak-L	-	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	-	-
61					60	CO5	Study management of inventory through use of various techniques of material analysis.	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	-	-
61					60	CO6	List excavating machinery to be used on construction site and state construction, working, output, cycle time, factors affecting output and use.	Strong-H	Strong-H	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	-	-
62	Sem VII	070121704 - PP	T2585	Structural Design -II	60	CO1	Use IS code specification i.e. IS 800 -2007 for choosing of the steel section which satisfy design criterion in terms of dimension and strengths.	Strong-H	Strong-H	Strong-H	Weak-L	-	Weak-L	-	Weak-L	Moderate-M	Weak-L	-	Moderate-M	Moderate-M	-
62					60	CO2	Explain the philosophy of limit states of design for strength and serviceability and memorize value of partial safety factors for load and resistance	Strong-H	Strong-H	Strong-H	Weak-L	-	Weak-L	-	Weak-L	Moderate-M	Weak-L	-	Moderate-M	Moderate-M	-
62					60	CO3	Describe tension member with respect to strength and cross sections in which it is available such as solid threaded rod, cables and angle sections and analyze tension member for strength due to yielding, rupture and block shear.	Moderate-M	Strong-H	Strong-H	Weak-L	-	Weak-L	-	Weak-L	Moderate-M	Weak-L	-	Moderate-M	Moderate-M	-
62					60	CO4	Define column members in steel design and classify buckling failure regarding to geometry of cross section of selected steel section.	Moderate-M	Strong-H	Strong-H	Weak-L	-	Weak-L	-	Weak-L	Moderate-M	Weak-L	-	Moderate-M	Moderate-M	-
62					60	CO5	Estimate safe load carrying capacity and ultimate strength of column members in truss.	Weak-L	Strong-H	Strong-H	Weak-L	-	Weak-L	-	Weak-L	Moderate-M	Weak-L	-	Moderate-M	Moderate-M	-
62					60	CO6	Practice design of all steel sections with detail design of truss	Weak-L	Strong-H	Strong-H	Weak-L	-	Weak-L	-	Weak-L	Moderate-M	Weak-L	-	Moderate-M	Moderate-M	-
63	Sem VII	070121705 - PP	TE7438	Transportation Engineering-II	60	CO1	Describe the Road Transport characteristics and Road development plans with their salient features. Describe the alignment and surveys for the highways	Strong-H	Weak-L	Weak-L	Weak-L	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
63					60	CO2	Apply the knowledge of IRC Standards for Geometric design of the roads. Describe the PIEV Theory, stopping sight distance, Overtaking sight distance. Define the elements, right of way, camber, super elevation, negative cant, alignment for highway. Describe the typical Highway cross section in embankment and in cutting.	Strong-H	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
63					60	CO3	State the components of Flexible and Rigid pavement and design factors, and stresses, Describe Flexible pavement design by CB.R. Method, IRC method of rigid pavement. Construction of pavements	Strong-H	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
63					60	CO4	List the different traffic characteristics, traffic engineering studies. Describe grade intersections like clover leaf, diamond and rotary intersections	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
63					60	CO5	Describe the components and classification of bridge, economic span, different structural form	Strong-H	Weak-L	Weak-L	Weak-L	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-

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63					60	CO6	Describe the bridge hydrology like Estimation of flood discharge, water way, and scour depth, depth of foundation, Afflux, clearance and free board. Loading and Stresses - acting on bridges, IRC specification and code practices, repair and maintenance of bridges	Strong-H	Weak-L	Weak-L	Weak-L	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
64	Sem VII	070121706 - PP	TE7212	Water Resource Engineering	60	CO1	Description of hydrologic cycle and components of hydrologic cycle. Measurement of evaporation, infiltration, precipitation, handling of data.	Strong-H	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
64					60	CO2	Factors affecting the precipitation, evaporation, infiltration. Measurement and estimation of stream flow	Strong-H	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
64					60	CO3	Estimation of runoff, rainfall runoff correlation, estimation of flood, drawing flood hydro graph and interpretation of unit hydro graph and s curve	Strong-H	Weak-L	Weak-L	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
64					60	CO4	Necessity and advantages of irrigation types of irrigation, lift irrigation process, Soil classification, water requirement of crops, finding out duty and delta of crops	Strong-H	Weak-L	Weak-L	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
64					60	CO5	Types of ground water aquifers, Need of, elements of water harvesting systems, cost of water harvesting water harvesting	Strong-H	Weak-L	Weak-L	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
65	Sem VII	070121707 - PR	TE7238	Environmental Engineering-II Lab	60	CO1	Discuss the physical properties of waste water through the waste water sample testing	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Weak-L	-
65					60	CO2	Describe the presence of different types of phosphorus and nitrate contents present in waste water using the photo spectrometer	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Weak-L	-
65					60	CO3	Calculate the biological oxygen demands of waste water. Analyze the chemical oxygen demands of waste water	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Weak-L	-
65					60	CO4	Compare the electrical conductivity for waste water sample collected from different places	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Weak-L	-
65					60	CO5	Discuss the turbidity of waste water. Discuss the PH value of waste water.	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Weak-L	-
65					60	CO6	Discuss the different types of sewer appurtenances like storm water inlets, overflows, inverted siphons, automatic flushing tanks, ventilation in sewers	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Weak-L	-
66	Sem VII	070121708 - Lab	TE7417	Geotechnical Engineering -I Lab	60	CO1	List out the major soil deposits and classify them into different group based on particle size	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Moderate-M	Moderate-M	-	Weak-L	-	-
66					60	CO2	Summarize and practice field density determination by sand replacement and core cutter method	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Moderate-M	Moderate-M	-	Weak-L	-	-
66					60	CO3	Outline the procedure of dry sieve analysis in order to determine the grain size distribution of a given soil sample	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Moderate-M	Moderate-M	-	Weak-L	-	-

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66					60	CO4	Repeat the procedure for specific gravity determination by Pycnometer method. Classify and define consistency limits of a given clay sample using Casagrande method	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Moderate-M	Moderate-M	-	Weak-L	-	-
66					60	CO5	Memorize the procedure of constant head and falling head method for determining permeability characteristics of a given soil sample. Recall the oven drying test for finding natural moisture content.	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Moderate-M	Moderate-M	-	Weak-L	-	-
66					60	CO6	Explain Proctor and modified proctor test for estimating dry density of a soil sample. Report the results of the experiments in a standard manner	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Moderate-M	Moderate-M	-	Weak-L	-	-
67	Sem VII	070121709 - PR	TE7418	Structural Design -II Lab	60	CO1	Identify the suitable steel sections and corresponding values of different stresses and factor of safety required for steel structure design from standard steel table and IS 800 2007	Strong-H	Moderate-M	Weak-L	-	Moderate-M	Weak-L	-	Weak-L	Strong-H	Moderate-M	-	Weak-L	Weak-L	-
67					60	CO2	Sketch the rolling steel sections of different grades and different types of connections required for steel structure design.	Strong-H	Moderate-M	Weak-L	-	Moderate-M	Weak-L	-	Weak-L	Strong-H	Moderate-M	-	Weak-L	Weak-L	-
67					60	CO3	Identify the location of eccentric axial load in the plane of group of bolts and estimate value of axial load for given section	Strong-H	Moderate-M	Weak-L	-	Moderate-M	Weak-L	-	Weak-L	Strong-H	Moderate-M	-	Weak-L	Weak-L	-
67					60	CO4	Choose suitable type of weld, effective length of weld and throat thickness of weld by which welded connection can effectively sustain the pull applied to the connection	Strong-H	Moderate-M	Weak-L	-	Moderate-M	Weak-L	-	Weak-L	Strong-H	Moderate-M	-	Weak-L	Weak-L	-
67					60	CO5	Describe design strength due to yielding, design strength due to rupture and design strength due to block shear and estimate the final design strength of tension member	Strong-H	Moderate-M	Weak-L	-	Moderate-M	Weak-L	-	Weak-L	Strong-H	Moderate-M	-	Weak-L	Weak-L	-
67					60	CO6	Demonstrate the complete design of industrial building including roof truss, purlin, bracings, column, column base and connections	Strong-H	Moderate-M	Weak-L	-	Moderate-M	Weak-L	-	Weak-L	Strong-H	Moderate-M	-	Weak-L	Weak-L	-
68	Sem VII	070121710 - Lab	T7955	Transportation Engineering-II Lab	60	CO1	Memorize the properties of aggregates used in highway construction.	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Weak-L	-
68					60	CO2	Memorize the properties of bitumen used in highway construction	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Weak-L	-
68					60	CO3	Classify the aggregates into grades as per the MoRTH specifications. Classify the bitumen as per the MoRTH specifications.	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Weak-L	-
68					60	CO4	Identify the temperatures of bitumen for the safe working environment for pavement construction	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Weak-L	-
68					60	CO5	Select the quality materials for the pavement construction as per MoRTH specifications	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Weak-L	-
68					60	CO6	Describe the procedure for determining the Marshalls stability value of the mix to be used for pavement construction	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Moderate-M	Moderate-M	-	Weak-L	Weak-L	-

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69	Sem VII	070121712 - PP	TE7219	Economics for Engineers	60	CO1	To familiarize the prospective engineers with elementary economics	-	Strong-H	-	-	-	Strong-H	-	-	Moderate-M	-	-	-	-	-	-
69					60	CO2	To acquaint students with standard public sector concepts that will be useful in their profession/employment and	-	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	Moderate-M	Strong-H	-	-	-	-	-
69					60	CO3	To create awareness about current economic situation of the country	-	Strong-H	-	-	Strong-H	Strong-H	-	-	Strong-H	-	Moderate-M	-	-	-	-
70	Sem VII	070121714 - PP	TE7419	Enterpreneurship	60	CO1	To familiarize the students with basics of entrepreneurship, its advantages & challenges	-	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	-	-	Moderate-M	-	-	-	-	-	-
70					60	CO2	To understand foundation of starting a business - from generating an idea to its implementation	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	-	-
70					60	CO3	To identify various institutions supporting business ventures including government support	-	-	Weak-L	-	Moderate-M	Weak-L	-	-	Weak-L	Moderate-M	-	Weak-L	Weak-L	-	-
71	SEM VIII	070121801 - PP	T7912	B. Tech Project	60	CO1	Use the available resources on the subject to identify problems and propose innovative solutions.	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-
71					60	CO2	Design and build socially relevant projects that meet the stated specifications.	-	-	-	Strong-H	-	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-
71					60	CO3	Prepare and manage schedules and budgets that will ensure that projects are completed on time and within the planned budget.	-	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	-	-	-	-
71					60	CO4	Use the latest available software and hardware tools effectively to simulate, design, fabricate and test the performance of the product	-	-	-	-	Strong-H	-	-	-	-	-	-	-	Strong-H	-	-
71					60	CO5	Communicate ideas and solutions effectively both verbally and in writing.	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	-	-	-	-	-
71					60	CO6	Act with integrity, show initiative and leadership and accept responsibility while working towards stated goals	-	-	-	-	-	-	Strong-H	-	Strong-H	-	-	-	-	-	-
72	SEM VIII	070121802 - PP	T7802	Geotechnical Engineering-II	60	CO1	Learn different types and methods of soil investigation to identify the properties of founding strata to select the type of foundation. Enlist the field tests to be carried out to recognize the type strata for estimation of soil bearing capacity, identify geological formations and to locate ground water table.	Strong-H	Strong-H	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-	-
72					60	CO2	Define bearing capacity of soil. Describe different modes of shear failure of soil and distinguish between different bearing capacity theories given by different researchers. Apply bearing capacity theories to find out actual bearing capacity of the soil and also to learn the provisions given by IS 6403 for finding out the bearing capacity of soil. Explain the effect of water table, eccentricity of loading on bearing capacity of soil. Tabulate the bearing capacity of soil according to its type	Strong-H	Moderate-M	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-	-
72					60	CO3	Identify the causes of settlement of foundation and to calculate the consolidation and elastic settlement in accordance with IS 8009	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-	-

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72					60	CO4	Demonstrate the applicability of deep foundations such as pile foundation at the site having adverse soil conditions. Calculate load carrying capacity of pile and group of piles and to understand the tests carried on the piles such as initial pile load test, working pile load test etc	Strong-H	Moderate-M	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
72					60	CO5	Learn different types of sheet piles, cofferdams and their applications. Study the foundations on black cotton soil. Precautions to be taken for constructing foundation on black cotton soil and their design requirements.	Strong-H	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
72					60	CO6	Predict effect of liquefaction on Built Environment and to evaluate liquefaction susceptibility for liquefaction hazard mitigation. Learn about Mechanism of reinforced soil. Factors affecting behavior and performance of reinforced soil. Study different types of geosynthetics and their applications	Strong-H	Moderate-M	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
73	SEM VIII	070121802 - TUT	T7802	Geotechnical Engineering-II	60	CO1	Learn different types and methods of soil investigation to identify the properties of founding strata to select the type of foundation. Enlist the field tests to be carried out to recognize the type strata for estimation of soil bearing capacity, identify geological formations and to locate ground water table.	Strong-H	Strong-H	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
73					60	CO2	Define bearing capacity of soil. Describe different modes of shear failure of soil and distinguish between different bearing capacity theories given by different researchers. Apply bearing capacity theories to find out actual bearing capacity of the soil and also to learn the provisions given by IS 6403 for finding out the bearing capacity of soil. Explain the effect of water table, eccentricity of loading on bearing capacity of soil. Tabulate the bearing capacity of soil according to its type	Strong-H	Moderate-M	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
73					60	CO3	Identify the causes of settlement of foundation and to calculate the consolidation and elastic settlement in accordance with IS 8009	Strong-H	Moderate-M	Moderate-M	Strong-H	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
73					60	CO4	Demonstrate the applicability of deep foundations such as pile foundation at the site having adverse soil conditions. Calculate load carrying capacity of pile and group of piles and to understand the tests carried on the piles such as initial pile load test, working pile load test etc	Strong-H	Moderate-M	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
73					60	CO5	Learn different types of sheet piles, cofferdams and their applications. Study the foundations on black cotton soil. Precautions to be taken for constructing foundation on black cotton soil and their design requirements.	Strong-H	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-

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73					60	CO6	Predict effect of liquefaction on Built Environment and to evaluate liquefaction susceptibility for liquefaction hazard mitigation. Learn about Mechanism of reinforced soil. Factors affecting behavior and performance of reinforced soil. Study different types of geosynthetics and their applications	Strong-H	Moderate-M	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
74	SEM VIII	070121803 - PP	T7443	Structural Design-III	60	CO1	To Understand the Principles of Pre-stressing, Learn Benefits of Pre-stressed Precast concrete, Evaluate the short-term and long-term losses in pre-stressing and design pre-stressed structures considering these losses	Strong-H	Moderate-M	Strong-H	Strong-H	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
74					60	CO2	To design tendon layout, which satisfy the strength and serviceability limit states as required by design standards.	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
74					60	CO3	Analyze the stresses in anchorage zones and design end anchorages for pre-stressed concrete beams and slabs.	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
74					60	CO4	To analyze shear strength calculation under limit state for pre stress concrete members.	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
74					60	CO5	To analyze and design transmission length, anchorage zone reinforcement and end block of post tensioned member	Strong-H	Moderate-M	Strong-H	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
74					60	CO6	Design Pre-stressed and Post Tensioned Concrete elements	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
75	SEM VIII	070121804 - PP	T7444	Dams and Hydraulic Structures	60	CO1	Name the major hydraulic structures such as dams, spillways and canals and state their functions	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Moderate-M	-
75					60	CO2	Discuss the classifications and subclassifications of the hydraulic structures based on materials, functions performed and location.	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Moderate-M	-
75					60	CO3	Define the objectives of providing diversion headwork, energy dissipators and weirs	Strong-H	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Moderate-M	-
75					60	CO4	Identify the different types of canal masonry works like regulation works, cross drainage works and canal outlets. Review the reservoir planning techniques such as fixing the reservoir capacity and estimating the probable life of a reservoir	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Moderate-M	-
75					60	CO5	Analyze the gravity dam section two dimensionally for its stability. Analyze the earth dam section for seepage discharge per meter length	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Moderate-M	-
75					60	CO6	Apply Kennedys and Laceys theories for the design of lined canals	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Moderate-M	-
76	SEM VIII	070121805 - Lab	T7408	Structural Design-III Lab	60	CO1	Get acquainted with different methods and techniques of pre-stressing, pre-stressing systems, loss of pre-stress	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Strong-H	Moderate-M	-	Weak-L	Moderate-M	-
76					60	CO2	Understand load balancing method of analysis of pre-stressed concrete beams	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Strong-H	Moderate-M	-	Weak-L	Moderate-M	-

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76					60	CO3	Study general philosophy of design, design approaches in working stress method and limit stress method	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Strong-H	Moderate-M	-	Weak-L	Moderate-M	-
76					60	CO4	Calculate principle tension under working load, permissible principle tension, and shear strength calculation under limit-state of collapse	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Strong-H	Moderate-M	-	Weak-L	Moderate-M	-
76					60	CO5	Determine end zone stresses in pre-stressed concrete members.	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Strong-H	Moderate-M	-	Weak-L	Moderate-M	-
76					60	CO6	Design of simply supported pre-tensioned and post tensioned slabs and beams. Study design of flat slabs	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Strong-H	Moderate-M	-	Weak-L	Moderate-M	-
77	SEM VIII	070121806 - Lab	T7409	Dams and Hydraulic Structures Lab	60	CO1	Sketch the cross-section of a dam showing all components giving due importance to drainage detailing	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	-	Weak-L	Moderate-M	-
77					60	CO2	Outline the causes of failure of earth dam and explain it diagrammatically	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	-	Weak-L	Moderate-M	-
77					60	CO3	Compute the reservoir capacity from the annual inflow and outflow data	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	-	Weak-L	Moderate-M	-
77					60	CO4	Sketch the diagram of canal masonry structures such as regulatory and cross drainage works	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	-	Weak-L	Moderate-M	-
77					60	CO5	Compute the critical forces acting on a dam section, two dimensionally, check for its stability. Compute and sketch the elementary and practical profile of a gravity dam	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	-	Weak-L	Moderate-M	-
77					60	CO6	Apply Kennedys and Lacey's theories for the design of lined canals and sketch the cross-section	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	-	Weak-L	Moderate-M	-
78	SEM VIII	070121807 - PP	T7988	Infrastructural Engineering	60	CO1	Illustrate the importance of infrastructural engineering. List different infrastructure facilities. Distinguish the different types of infrastructural facilities Describe the role of civil engineering in infrastructural engineering	Strong-H	Weak-L	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Strong-H	-
78					60	CO2	Explain the railway as mode of transport. Explain different parts of railway like permanent way, sleepers, ballast, gauges etc.	Strong-H	Weak-L	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Strong-H	-
78					60	CO3	Explain the different types of sleepers, ballast, gauges etc. Describe the design parameters for sleepers, ballast, gauges etc.Explain the geometric design of permanent way.	Strong-H	Weak-L	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Strong-H	-
78					60	CO4	Explain the design parameters and procedure for gradient curves. Describe the functions of points and crossings in railway. Distinguish open cuts and tunnel. Illustrate the types of tunnel.	Strong-H	Weak-L	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Strong-H	-
78					60	CO5	Describe the design and construction of tunnels. Describe different types of construction techniques used on the construction site	Strong-H	Weak-L	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Strong-H	-

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78					60	CO6	Explain different types of earth moving equipments used on construction sites. Describe the concreting methods	Strong-H	Weak-L	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Strong-H	-
79	SEM VIII	070121808-PP	T7674	Geographic Information Systems	60	CO1	Explain Geographic information system with its basic components and describe characteristics associated with spatial and non-spatial data base system and relate spatial and non-spatial data with each other for the given data base. List the commercially available GIS hardware and software and recognize basic operations to be performed on spatial and non-spatial data base using GIS software	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
79					60	CO2	Interpret field data, statistical data, different types of digital and analog maps, aerial photographs and satellite images for particular application purpose. Distinguish between characteristic properties of vector and raster data and give examples of vector and raster data and explain advantages and disadvantages associated with vector and raster data	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
79					60	CO3	Prepare digital maps by entering the required data through keyboard, digitizer and scanner and operate GIS software for data rectification and data registration and manipulate missing entities in the data base by interpolation technique. Explain DBMS for GIS and discuss various data models available in DBMS.	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
79					60	CO4	Apply data overlay operation on spatial and non-spatial data and predict futuristic pattern of data by data modeling. Prepare data presentable in hard copy and soft copy by applying different data processing operations on vector and raster data	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
79					60	CO5	Explain the electromagnetic solar radiation system in remote sensing and describe the characteristics remote sensing image. Interpret remote sensing image to extract descriptive hidden information in it and use remote sensing image as input data to GIS to produce well defined output.	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
79					60	CO6	Apply remote sensing and GIS to various civil engineering applications and practice commercial and open source GIS and remote sensing software for data interpretation	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
80	SEM VIII	070121809-PP	T7954	System Approach in Civil Engineering	60	CO1	Define system and its implementation in civil engineering	Strong-H	Moderate-M	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
80					60	CO2	State optimization techniques, objective function and constraints.	Strong-H	Moderate-M	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
80					60	CO3	State Linear programming methods (Simplex .Two phase, Big M etc). Define transportation and assignment problem and state its application.	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-

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80					60	CO4	State non linear programming and its application. Define steepest ascent / descant technique, Newtons method, DFP method.	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
80					60	CO5	List various construction optimization techniques	Strong-H	Moderate-M	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
80					60	CO6	Define dynamic programming. State stochastic methods and study queuing theory, simulation, sequencing, annuity, benefit -Cost analysis etc.	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
81	SEM VIII	070121810 - PP	T7953	Advanced Design of RCC Structures	60	CO1	Describe the portal frame & circular slab	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	-	Weak-L	Moderate-M	Weak-L	-	Weak-L	Moderate-M	-
81					60	CO2	Analyze and design Foot Bridge & slab Deck Bridge	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	-	Weak-L	Moderate-M	Weak-L	-	Weak-L	Moderate-M	-
81					60	CO3	Explain the RCC Girder	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	-	Weak-L	Moderate-M	Weak-L	-	Weak-L	Moderate-M	-
81					60	CO4	Describe Seismic coefficient method	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	-	Weak-L	Moderate-M	Weak-L	-	Weak-L	Moderate-M	-
81					60	CO5	Distinguish between bunkers& silos. Illustrate numerical on bunker and silos	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	-	Weak-L	Moderate-M	Weak-L	-	Weak-L	Moderate-M	-
81					60	CO6	Interpret the problem of intze tanks	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	-	Weak-L	Moderate-M	Weak-L	-	Weak-L	Moderate-M	-
82	SEM VIII	070121811 - PP	T7955	Earthquake Engineering	60	CO1	Describe basic concepts such as earthquake mechanisms, tectonics, types of ground motion, and propagation of ground motion	Strong-H	-	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
82					60	CO2	Interpret earthquake ground motion data. State the general effects of an earthquake	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
82					60	CO3	Understand qualitative and quantitative representations of earthquake magnitude. Apply fundamentals of theory of vibrations to understand the dynamic response of single degree freedom system and eventually to understand dynamics of structure.	Strong-H	-	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
82					60	CO4	Calculate and generate the design response spectrum. Discuss the principles of planning for earthquake resistant design of structure	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
82					60	CO5	Evaluate earthquake forces acting on structure by using latest design guidelines like IS 1893. Prepare ductile detailing of the reinforced concrete structure with reference to the guidelines given in IS 13920.	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
82					60	CO6	Discuss and advice earthquake resistant construction of structures.	Strong-H	-	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	-
83	SEM VIII	070121812 - PP	T7989	Pavement Design and Construction	60	CO1	Describe the pavement structure and the objectives of providing each layer, Compute the stresses induced in flexible and rigid pavement due to the wheel load and temperature variation, Apply layer theories to find out stresses in flexible pavements	Weak-L	-	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
83					60	CO2	Classify aggregates and bitumen materials used in roadways, slasify and construction of low cost roads.	Weak-L	-	-	Strong-H	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-

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83					60	CO3	Apply the procedures followed in California Bearing Ratio (CBR), Indian Road Congress(IRC), American Association of Transportation and State Highway Officials(AASHO) and Asphalt Institute methods, for the optimal design of flexible pavements	Strong-H	-	-	Strong-H	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
83					60	CO4	Summarize steps followed in rigid pavement design methods	-	-	-	Weak-L	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
83					60	CO5	Summarize steps followed in rigid pavement design methods, Apply the procedure for rigid pavement design	Weak-L	-	-	Weak-L	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
83					60	CO6	Explain the techniques and principles followed in concrete road construction	Weak-L	-	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-
84	SEM VIII	070121813 - PP	T7990	Ferro Cement	60	CO1	Discuss the concepts, scope and application areas of Ferrocement as an alternative technique of construction	Strong-H	-	-	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-
84					60	CO2	Describe the advantages of ferrocement over other conventional methods. Describe typical characteristics of Ferrocement.	Strong-H	Moderate-M	-	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-
84					60	CO3	Use ferrocement design principles for designing the simple structures like, wall, footing, slab etc. Explain simple structural members of ferrocement	Strong-H	Moderate-M	-	-	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-
84					60	CO4	Describe the method of construction with ferrocement. Plan the work of ferrocement by using the standardized method	Strong-H	Moderate-M	-	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-
84					60	CO5	Enlist the specifications of various members of construction made of ferrocement. Enlist factors affecting cost of ferrocement structures and discuss cost analysis of structures	Strong-H	Moderate-M	-	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-
84					60	CO6	Describe the method of construction of water retaining structures with ferrocement	Strong-H	Moderate-M	-	Weak-L	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L	-

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Technology Programme Name : Bachelor of Technology (Computer Science and Engineering)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14
1					60	CO5	Evaluate the rank of a matrix, Eigenvalues and Eigenvectors. Transform matrix to diagonal form.	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	-	-	-	-	-	-	-
1					60	CO6	Apply the Caley-Hamilton theorem to find the inverse of a matrix and solve the system of simultaneous equations.	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	-	-	-	-	-
2	SEM I	070122101-PR	TE7168	Engineering Mathematics -I	60	CO1	Apply successive differentiation to find nth derivative, indeterminate forms and series expansion of functions.	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
2					60	CO2	Apply the concepts of partial differentiations to solve problems on homogeneous functions, Jacobians and maxima & minima.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
2					60	CO3	Evaluate integrals using reduction formulae and improper integral using DUIS rule and beta-gamma function.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
2					60	CO4	Test the convergence of series of positive terms, by using appropriate tests and find Fourier series expansion of periodic functions.	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
2					60	CO5	Evaluate rank of a matrix, Eigen values and Eigen vectors. Find inverse using Caley Hamilton theorem and solve system of simultaneous equations.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
3	SEM I	070122101-PP	TE7168	Engineering Mathematics -I	60	CO1	Apply successive differentiation to find nth derivative, indeterminate forms and series expansion of functions.	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
3					60	CO2	Apply the concepts of partial differentiations to solve problems on homogeneous functions, Jacobians and maxima & minima.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
3					60	CO3	Evaluate integrals using reduction formulae and improper integral using DUIS rule and beta-gamma function.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
3					60	CO4	Test the convergence of series of positive terms, by using appropriate tests and find Fourier series expansion of periodic functions.	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
3					60	CO5	Evaluate rank of a matrix, Eigen values and Eigen vectors. Find inverse using Caley Hamilton theorem and solve system of simultaneous equations.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
4	SEM I	070122102-PP	T7391	Physics	60	CO1	Understand the central concepts and principles of quantum mechanics: the Schrödinger equation, the wave function and its physical interpretation, stationary and non-stationary states, time evolution and expectation values.	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	Weak-L	-	-	Weak-L	-	-
4					60	CO2	Understand and explain the origin of band theory and transport properties of materials.	Strong-H	Strong-H	-	-	Weak-L	-	-	-	Weak-L	-	-	Moderate-M	Weak-L	-
4					60	CO3	Understand different types of materials, their bonding, properties and applications in engineering devices.	Moderate-M	Moderate-M	Strong-H	-	Weak-L	Weak-L	-	-	Weak-L	-	-	Weak-L	Weak-L	Weak-L
4					60	CO4	Learn the principle of lasing and working of various types of lasers and understand their applications.	Weak-L	Weak-L	-	-	Weak-L	Weak-L	-	-	Weak-L	-	-	Strong-H	Weak-L	Weak-L

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4					60	CO5	Understand the phenomenon of superconductivity, properties of superconductors and their applications.	Weak-L	Weak-L	-	-	-	Moderate-M	-	-	Weak-L	-	-	Strong-H	Weak-L	Weak-L
5	SEM I	070122103-PP	TE7288	Programming in C	60	CO1	Understand the basic concepts of C Programming for problem-solving such as C data types, syntax and constructs, decision making, branching and looping statements.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
5					60	CO2	Understand the concept of Array and Strings to solve different problems.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
5					60	CO3	Apply the concepts of Function modules, its usage.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
5					60	CO4	Understand the concepts of structures and unions: declaration, initialization and implementation.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
5					60	CO5	Understands the concept of pointers, declarations, initialization, operations on pointers and memory allocation using dynamic memory management functions	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
5					60	CO6	Understand file handling concept to show input and output of files in C	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	Weak-L	Moderate-M	Weak-L	Weak-L
6	SEM I	070122104-PP	TE7188	Environmental Science	60	CO1	Understand about sustainable technologies for resource conservation	Strong-H	Weak-L	Weak-L	-	-	Moderate-M	Strong-H	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
6					60	CO2	Identify sources, effects and remedial measures for different pollutions	Weak-L	-	-	-	-	Weak-L	Weak-L	-	Weak-L	-	-	Weak-L	Moderate-M	-
6					60	CO3	Identify and formalize a generalized water and wastewater treatment process	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	-	-	-	-	Moderate-M	Strong-H	Strong-H
6					60	CO4	Identify various sources of solid wastes, their effects and latest management techniques	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-	Strong-H	Strong-H
6					60	CO5	Know about existing environmental laws and legislations and related case studies.	Moderate-M	Weak-L	-	Weak-L	-	Moderate-M	Moderate-M	-	-	Weak-L	-	Weak-L	-	-
7	SEM I	070122105-PR	TE7300	Tinker Lab	60	CO1	Relate fundamental concepts/laws of science and engineering	Moderate-M	Weak-L	-	-	-	-	-	-	Strong-H	Weak-L	-	Weak-L	Weak-L	-
7					60	CO2	Practice pre-achieved skills on hardware and devices	Weak-L	-	-	-	-	-	-	-	Weak-L	Weak-L	-	Weak-L	Weak-L	-
7					60	CO3	Take apart and reassemble and/or repairing of engineering gadgets	Weak-L	-	-	-	-	-	-	Weak-L	Weak-L	-	-	Weak-L	-	-
7					60	CO4	Explore various aspects of tinkered devices/instruments	Weak-L	-	-	-	-	-	-	-	Moderate-M	-	-	Moderate-M	-	-
7					60	CO5	Design and make models out of creativity using raw material	Weak-L	-	-	Weak-L	-	-	-	-	Strong-H	Moderate-M	-	-	-	-
8	SEM I	070122106-PP	T7383	Communication Skills	60	CO1	Identify/ Recognize the barriers to effective communication in accordance with all types of communication; avoid or overcome them.	-	-	-	-	-	-	-	Moderate-M	Strong-H	Strong-H	-	Strong-H	-	-
8					60	CO2	Constructing sentences effectively using grammar and vocab	-	-	-	-	-	-	-	Moderate-M	Strong-H	Strong-H	-	Strong-H	-	-
8					60	CO3	Communicate/ express effectively in a range of settings.	-	-	-	-	-	-	-	Moderate-M	Weak-L	Strong-H	-	Moderate-M	-	-
8					60	CO4	Employ etiquettes in oral and written communication.	-	-	-	-	-	-	-	Moderate-M	Weak-L	Strong-H	-	Strong-H	-	-
8					60	CO5	Demonstrate the basics of writing skills and use in business and technical correspondence	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	-	Moderate-M	-	-

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9	SEM I	070122107 - PR	T7384	Communication skills lab	60	CO1	Express ideas and concepts well through vocabulary building, aptitude tests, mind mapping and brain storming.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	-
9					60	CO2	Demonstrate linguistic competence through accuracy in grammar, pronunciation and vocabulary.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-
9					60	CO3	Sketch their creative side in formal as well as informal communication	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	Weak-L	Weak-L	-	-
9					60	CO4	Employ etiquettes in oral and written communication.	-	-	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L	Weak-L	-	-
9					60	CO5	Modify their listening skills.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-
9					60	CO6	Sketch their articulation while participating in Group discussions, debate or job interviews.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-
10	SEM I	070122108 - PP	T6773	Creative Thinking	60	CO1	Understand the importance of right brain directed thinking complementing left brain directed thinking	-	Strong-H	Weak-L	-	-	-	-	Strong-H	Weak-L	Strong-H	-	Moderate-M	-	-
10					60	CO2	Infer and discover processes and methods of creative problem solving	Moderate-M	Strong-H	Moderate-M	-	Weak-L	-	Weak-L	-	Strong-H	Strong-H	-	Moderate-M	-	-
10					60	CO3	Enhance and correlate their creative and innovative thinking skills	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	-	Strong-H	Moderate-M	-	-	-	-
10					60	CO4	Understand various disruptive innovations and techniques	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	-	Strong-H	Moderate-M	-	-	-	-
10					60	CO5	Analyze and apply various tools of creativity to some basic problem	Moderate-M	Strong-H	Moderate-M	-	-	-	-	-	Strong-H	Moderate-M	-	-	-	-
11	SEM I	070122109 - PR	T7392	Physics lab	60	CO1	Enhancing the problem analyzing aptitude by means of learning troubleshooting electrical circuits or setting of optical instruments	Strong-H	Strong-H	-	Moderate-M	-	Weak-L	-	Moderate-M	Strong-H	-	-	Moderate-M	Weak-L	-
11					60	CO2	Data analysis, interpretation and drawing inferences	Strong-H	Moderate-M	-	-	-	-	-	Weak-L	Strong-H	-	-	Moderate-M	Weak-L	-
11					60	CO3	Promoting individual and team work skills	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-	Weak-L	-	-	Moderate-M	Weak-L	-
11					60	CO4	Inculcating ethics while recording (true) observations	Weak-L	-	-	-	-	-	-	-	Weak-L	-	-	Weak-L	Weak-L	-
11					60	CO5	Teaching project management by learning to make the best use of available resources	Weak-L	Moderate-M	-	Moderate-M	-	-	-	-	Weak-L	-	-	Weak-L	Weak-L	-
12	SEM I	070122110 - PR	TE7289	Programming in C Lab	60	CO1	Understand the programming in IDE (Integrated Development Environment) and write, execute and debug simple programs.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
12					60	CO2	Interpret the programming tasks logically and understand making the pseudo-code and flowchart.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
12					60	CO3	Design and implement basic programming solutions including statements, macros, control structures and methods.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
12					60	CO4	Understand and apply the concept of Array and Strings to solve problem statement.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
12					60	CO5	Understand the concepts of Function modules, its usage and memory allocation using Pointers	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
12					60	CO6	Understand and apply the concepts of structures and unions: declaration, initialization and implementation.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	Weak-L	Moderate-M	Weak-L	Weak-L

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16					60	CO4	Visualize and communicate 3D regular/irregular shapes as 2D engineering drawings and vice versa using orthographic/isometric/development principles	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-	
17	SEM I	070122115 - PR	TE7396	Software Tools	60	CO1	Create formula with absolute and relative cell references using MS-Excel tool	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Weak-L	-	-	
17					60	CO2	Understand the functioning of various MS-Excel command	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	Weak-L	-	-	
17					60	CO3	Demonstrate the ability to use PowerPoint and its application	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	-	-	Strong-H	Moderate-M	-	Weak-L	-	-	
17					60	CO4	Analyze the data by using statistical functions using MS-Excel tool	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	Weak-L	-	-	
17					60	CO5	Create microsoft outlook profiles to configure it with an email account.	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	-	-	-	-	-	-	Weak-L	-	-	
18	SEM I	070122116 - PR	TE7287	Programming and Problem Solving Lab	60	CO1	Understand and develop Computational Thinking concepts	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	
18					60	CO2	Express a problem-solving strategy to breakdown a complex problem into a series of simpler tasks	Moderate-M	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	Weak-L	Weak-L	
18					60	CO3	Describe python programs that appropriately utilize built-in functions and control flow statements	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	Weak-L	Weak-L	
18					60	CO4	Use functions for structuring Python programs.	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	Weak-L	Weak-L	
18					60	CO5	Represent compound data using Python lists, tuples, dictionaries	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	Weak-L	Weak-L	
18					60	CO6	Understand and apply object oriented programming concepts.	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	Weak-L	Weak-L	
19	SEM I	070122117 - PP	T6732	Critical Thinking	60	CO1	Make better decisions based on logical thinking,	-	Strong-H	Weak-L	Moderate-M	-	-	-	-	Weak-L	-	-	Moderate-M	-	-	
19					60	CO2	Identify and evaluate facts in an argument,	-	Strong-H	Weak-L	Moderate-M	-	-	-	-	Weak-L	-	-	Moderate-M	-	-	
19					60	CO3	Derive truth , ambiguity, vagueness and fallacy in arguments	-	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	-	-	Moderate-M	-	-	
19					60	CO4	Design questions to reach conclusions.	-	Weak-L	Weak-L	Weak-L	-	-	-	-	-	-	-	Weak-L	-	-	
20	SEM I	070122118 - PR	T7593	Basic Electrical and Electronics Engineering Lab	60	CO1	Understand the need of various safety precautions to be undertaken while working with electrical equipment and learn different wiring components and wiring schemes.	Moderate-M	Weak-L	-	-	Strong-H	-	-	-	-	Strong-H	Weak-L	-	Weak-L	-	Weak-L
20					60	CO2	Apply the knowledge of relevant laws and principles and familiarize with different theorems and analytical approaches for solving a given electric circuit.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	-	Strong-H	Weak-L	-	Weak-L	-	Weak-L
20					60	CO3	Develop a clear understanding of the characteristics of basic semiconductor devices like, pn junction diode, Zener Diode and BJTs, their different configurations and applications.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	-	Strong-H	Weak-L	-	Weak-L	-	Weak-L
20					60	CO4	Use and understand different controls of equipment's like CRO and DMM.	Moderate-M	Moderate-M	-	-	Strong-H	-	-	-	-	Strong-H	Weak-L	-	Weak-L	-	Weak-L
21	SEM I	070122119 - PR	T7382	Chemistry Lab	60	CO1	examine water samples for different parameters through experimentation	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Weak-L	-	-	-	Moderate-M	-	-	-	Weak-L	-

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24					60	CO6	describe the concepts related to fuel chemistry, solve numerical problems and understand the basic concepts in Energy science and Nanomaterials	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	SEM II	070122203 - PP	T7540	Basic Electrical and Electronics Engineering	60	CO1	Develop a clear understanding and acquire the knowledge of basic principles, working and applications of DC machines and single phase transformer.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-
25					60	CO2	Understand basics of semiconductor physics, diode, Zener Diode and BJTs, their different configurations and applications.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-
25					60	CO3	Develop a clear understanding of digital circuits like half adder, full adder and logic gate	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-
25					60	CO4	Understand the need of various safety precautions to be undertaken while working with electrical equipment and learn different wiring components and wiring schemes.	Moderate-M	Weak-L	-	-	Strong-H	-	-	-	Strong-H	Weak-L	-	Weak-L	-	Weak-L	-
26	SEM II	070122204 - PR	T7924	Engineering Graphics	60	CO1	Understand and draw projections of points (OD) located in four quadrants	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26					60	CO2	Visualize, plan and draw projections of lines (1D) and planes (2D) (inclined to both planes of projection)	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-	-
26					60	CO3	Visualize and draw projections of regular solids (3D) (inclined to both planes of projection) and sections of regular solids (front view, top view and true shape)	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-
26					60	CO4	Visualize and communicate 3D regular/irregular shapes as 2D engineering drawings and vice versa using orthographic/isometric/development principles	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-	-
27	SEM II	070122205 - PP	TE7286	Programming and Problem Solving	60	CO1	Understand and develop Computational Thinking concepts	Moderate-M	Weak-L	Weak-L	Weak-L	-	-	-	-	-	-	-	-	-	-	-
27					60	CO2	Understand the programming in IDE (Integrated Development Environment) and write, execute and debug simple programs.	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	-	-	-	Strong-H	-	-	-	-	-	-
27					60	CO3	Understand basic Python Programming, functions, patterns, algorithmic constructs etc.	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	-	-	-	Strong-H	-	-	-	-	-	-
27					60	CO4	Understand and apply object oriented programming concepts	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	-	-	Strong-H	-	-	-	-	-	-
28	SEM II	070122206 - PR	TE7287	Programming and Problem Solving Lab	60	CO1	Understand and develop Computational Thinking concepts	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M
28					60	CO2	Express a problem-solving strategy to breakdown a complex problem into a series of simpler tasks	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M
28					60	CO3	Describe python programs that appropriately utilize built-in functions and control flow statements	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M
28					60	CO4	Use functions for structuring Python programs.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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28					60	CO5	Represent compound data using Python lists, tuples, dictionaries	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M
28					60	CO6	Understand and apply object oriented programming concepts.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M
29	SEM II	070122207 - PP	T6732	Critical Thinking	60	CO1	Make better decisions based on logical thinking,	-	Strong-H	Weak-L	Moderate-M	-	-	-	-	Weak-L	-	-	Moderate-M	-	-
29					60	CO2	Identify and evaluate facts in an argument,	-	Strong-H	Weak-L	Moderate-M	-	-	-	-	Weak-L	-	-	Moderate-M	-	-
29					60	CO3	Derive truth , ambiguity, vagueness and fallacy in arguments	-	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	-	-	Moderate-M	-	-
29					60	CO4	Design questions to reach conclusions.	-	Weak-L	Weak-L	Weak-L	-	-	-	-	-	-	-	Weak-L	-	-
30	SEM II	070122208 - PR	TE7396	Software Tools	60	CO1	Create formula with absolute and realtive cell references using MS-Excel tool	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Weak-L	-	-
30					60	CO2	Understand the functioning of various MS-Excel command	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	Weak-L	-	-
30					60	CO3	Demonstrate the ability to use PowerPoint and its application	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	-	-	Strong-H	Moderate-M	-	Weak-L	-	-
30					60	CO4	Analyze the data by using statistical fuctions using MS-Excel tool	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	Weak-L	-	-
30					60	CO5	Create microsoft outlook profiles to configure it with an email account.	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	-	-	-	-	-	-	Weak-L	-	-
31	SEM II	070122209 - PR	T7593	Basic Electrical and Electronics Engineering Lab	60	CO1	Apply the knowledge of relevant laws and principles and familiarize with different theorems and analytical approaches for solving a given electric circuit.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Strong-H	Weak-L	-	Weak-L	-	Weak-L
31					60	CO2	Develop a clear understanding of the characteristics of basic semiconductor devices like, pn junction diode, Zener Diode and BJTs, their different configurations and applications.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Strong-H	Weak-L	-	Weak-L	-	Weak-L
31					60	CO3	Use and understand different controls of equipment's like CRO and DMM.	Moderate-M	Moderate-M	-	-	Strong-H	-	-	-	Strong-H	Weak-L	-	Weak-L	-	Weak-L
32	SEM II	070122210 - PR	T7382	Chemistry Lab	60	CO1	examine water samples for different parameters through experimentation	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Weak-L	-	-	Moderate-M	-	-	-	Weak-L	-
32					60	CO2	understand the preparation of condensation polymers and finding molecular weight of polymer	Strong-H	Moderate-M	-	-	-	-	-	-	Weak-L	-	-	-	Weak-L	-
32					60	CO3	understand basic experimentation related to adsorption and chromatography	Strong-H	-	-	-	-	-	-	-	Weak-L	-	-	-	-	-
32					60	CO4	apply basic concepts in spectroscopic analysis	Strong-H	Weak-L	-	-	-	-	-	-	Weak-L	-	-	-	Weak-L	-
32					60	CO5	write effectively the results of experimentation and develop team working skills	-	Weak-L	-	-	-	-	-	-	Weak-L	-	-	-	Moderate-M	-
33	SEM II	070122211 - PP	T7391	Physics	60	CO1	understand the central concepts and principles of quantum mechanics: the Schrödinger equation, the wave function and its physical interpretation, stationary and non-stationary states, time evolution and expectation values.	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	Weak-L	-	-	Weak-L	-	Moderate-M
33					60	CO2	understand and explain the origin of band theory and transport properties of materials.	Strong-H	Strong-H	-	-	Weak-L	-	-	-	Weak-L	-	-	Moderate-M	-	Moderate-M

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33					60	CO3	understand different types of materials, their bonding, properties and applications in engineering devices.	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L	-	-	Weak-L	-	-	Weak-L	-	Moderate-M
33					60	CO4	learn the principle of lasing and working of various types of lasers and understand their applications	Weak-L	Weak-L	-	-	Weak-L	Weak-L	-	-	Weak-L	-	-	Strong-H	-	Moderate-M
33					60	CO5	understand the phenomenon of superconductivity, properties of superconductors and their applications.	Weak-L	Weak-L	-	-	-	Moderate-M	-	-	Weak-L	-	-	Strong-H	-	Moderate-M
34	SEM II	070122212 - PP	TE7288	Programming in C	60	CO1	Understand the basic concepts of C Programming for problem-solving such as C data types, syntax and constructs, decision making, branching and looping statements.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
34					60	CO2	Understand the concept of Array and Strings to solve different problems.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
34					60	CO3	Apply the concepts of Function modules, its usage.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
34					60	CO4	Understand the concepts of structures and unions: declaration, initialization and implementation.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
34					60	CO5	Understands the concept of pointers, declarations, initialization, operations on pointers and memory allocation using dynamic memory management functions	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
34					60	CO6	Understand file handling concept to show input and output of files in C	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	Weak-L	Moderate-M	Weak-L	Weak-L
35	SEM II	070122213 - PR	TE7300	Tinker Lab	60	CO1	Understand and apply the concepts of structures and unions: declaration, initialization and implementation.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Moderate-M
35					60	CO2	Practice pre-achieved skills on hardware and devices	Weak-L	-	-	-	-	-	-	-	Weak-L	Weak-L	-	Weak-L	Weak-L	-
35					60	CO3	Take apart and reassemble and/or repairing of engineering gadgets	Weak-L	-	-	-	-	-	-	Weak-L	Weak-L	-	-	Weak-L	-	-
35					60	CO4	Explore various aspects of tinkered devices/instruments	Weak-L	-	-	-	-	-	-	-	Moderate-M	-	-	Moderate-M	-	-
35					60	CO5	Design and make models out of creativity using raw material	Weak-L	-	-	Weak-L	-	-	-	-	Strong-H	Moderate-M	-	-	-	-
36	SEM II	070122214 - PP	T7383	Communication Skills	60	CO1	Communicate/ express effectively in correspondence.	-	-	-	-	-	-	-	Moderate-M	Strong-H	Strong-H	-	Strong-H	-	-
36					60	CO2	Identify/ Recognize the barriers to effective communication in accordance with all types of communication; avoid or overcome them.	-	-	-	-	-	-	-	Moderate-M	Strong-H	Strong-H	-	Strong-H	-	-
36					60	CO3	Employ etiquettes and effective communication in written communication.	-	-	-	-	-	-	-	Moderate-M	Weak-L	Strong-H	-	Moderate-M	-	-
36					60	CO4	Compose or create formal reports, memos, agenda, minutes and notices.	-	-	-	-	-	-	-	Moderate-M	Weak-L	Strong-H	-	Strong-H	-	-
36					60	CO5	Create and deliver effective presentations.	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	-	Moderate-M	-	-
37	SEM II	070122215 - PP	TE7188	Environmental Science	60	CO1	Understand about sustainable technologies for resource conservation	Strong-H	Weak-L	Weak-L	-	-	Moderate-M	Strong-H	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
37					60	CO2	Identify sources, effects and remedial measures for different pollutions	Weak-L	-	-	-	-	Weak-L	Weak-L	-	Weak-L	-	-	Weak-L	Moderate-M	-

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37					60	CO3	Identify and formalize a generalized water and wastewater treatment process	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	-	-	-	-	Moderate-M	Strong-H	Strong-H
37					60	CO4	Identify various sources of solid wastes, their effects and latest management techniques	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-	Strong-H	Strong-H
37					60	CO5	Know about existing environmental laws and legislations and related case studies.	Moderate-M	Weak-L	-	Weak-L	-	Moderate-M	Moderate-M	-	-	Weak-L	-	Weak-L	-	-
38	SEM II	070122216 - PP	T6773	Creative Thinking	60	CO1	Understand the importance of right brain directed thinking complementing left brain directed thinking	-	Strong-H	Weak-L	-	-	-	-	Strong-H	Weak-L	Strong-H	-	Moderate-M	-	-
38					60	CO2	Infer and discover processes and methods of creative problem solving	Moderate-M	Strong-H	Moderate-M	-	Weak-L	-	Weak-L	-	Strong-H	Strong-H	-	Moderate-M	-	-
38					60	CO3	Enhance and correlate their creative and innovative thinking skills	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	-	Strong-H	Moderate-M	-	-	-	-
38					60	CO4	Understand various disruptive innovations and techniques	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	-	Strong-H	Moderate-M	-	-	-	-
38					60	CO5	Analyze and apply various tools of creativity to some basic problem	Moderate-M	Strong-H	Moderate-M	-	-	-	-	-	Strong-H	Moderate-M	-	-	-	-
39	SEM II	070122217 - PR	T7384	Communication skills lab	60	CO1	Express ideas and concepts well through vocabulary building, aptitude tests, mind mapping and brain storming.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	-
39					60	CO2	Demonstrate linguistic competence through accuracy in grammar, pronunciation and vocabulary.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-
39					60	CO3	Employ etiquettes in oral and written communication.	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	Weak-L	Weak-L	-	-
39					60	CO4	Modify their listening skills.	-	-	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L	Weak-L	-	-
39					60	CO5	Sketch their articulation while participating in Group discussions, debate or job interviews.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-
40	SEM II	070122218 - PR	TE7289	Programming in C Lab	60	CO1	Understand the programming in IDE (Integrated Development Environment) and write, execute and debug simple programs.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
40					60	CO2	Interpret the programming tasks logically and understand making the pseudo-code and flowchart.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
40					60	CO3	Design and implement basic programming solutions including statements, macros, control structures and methods.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
40					60	CO4	Understand and apply the concept of Array and Strings to solve problem statement.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
40					60	CO5	Understand the concepts of Function modules, its usage and memory allocation using Pointers	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
40					60	CO6	Understand and apply the concepts of structures and unions: declaration, initialization and implementation.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	Weak-L	Moderate-M	Weak-L	Weak-L
41	SEM II	070122219 - PR	T7392	Physics lab	60	CO1	Enhancing the problem analyzing aptitude by means of learning troubleshooting electrical circuits or setting of optical instruments	Strong-H	Strong-H	-	Moderate-M	-	Weak-L	-	Moderate-M	Strong-H	-	-	Moderate-M	-	-
41					60	CO2	Data analysis, interpretation and drawing inferences	Strong-H	Moderate-M	-	-	-	-	-	Weak-L	Strong-H	-	-	Moderate-M	-	-
41					60	CO3	Promoting individual and team work skills	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-	Weak-L	-	-	Moderate-M	-	-

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41					60	CO4	Inculcating ethics while recording (true) observations	Weak-L	-	-	-	-	-	-	-	Weak-L	-	-	Weak-L	-	-
41					60	CO5	Teaching project management by learning to make the best use of available resources	Weak-L	Moderate-M	-	Moderate-M	-	-	-	-	Weak-L	-	-	Weak-L	-	-
42	SEM III	070122301 - PP	T7995	Discrete Mathematics and Probability Theory	60	CO1	Apply the concept of Venn Diagram to solve problems.	Moderate-M	Strong-H	Weak-L	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
42					60	CO2	Describe the use of formal logic proofs and logical reasoning to solve problems	Moderate-M	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	Strong-H	-	-	Moderate-M	-	-
42					60	CO3	Summarize the characteristics of relations	Moderate-M	Strong-H	Moderate-M	-	-	Weak-L	-	-	Strong-H	-	-	Moderate-M	-	-
42					60	CO4	Review the basics concepts of groups and rings.	Strong-H	Moderate-M	-	-	-	Weak-L	-	-	Strong-H	-	-	Moderate-M	-	-
42					60	CO5	Explain the concepts of permutation, combination and discrete probability.	Moderate-M	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	Strong-H	-	-	Moderate-M	-	-
42					60	CO6	Compute probabilities using probability distributions (discrete and continuous).	Strong-H	Strong-H	Strong-H	Moderate-M	-	Weak-L	Weak-L	-	Strong-H	-	-	Moderate-M	-	-
43	SEM III	070122301 - TUT	T7995	Discrete Mathematics and Probability Theory Tut	60	CO1	Apply the concept of Venn Diagram to solve problems.	Moderate-M	Strong-H	Weak-L	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
43					60	CO2	Describe the use of formal logic proofs and logical reasoning to solve problems	Moderate-M	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	Strong-H	-	-	Moderate-M	-	-
43					60	CO3	Summarize the characteristics of relations	Moderate-M	Strong-H	Moderate-M	-	-	Weak-L	-	-	Strong-H	-	-	Moderate-M	-	-
43					60	CO4	Review the basics concepts of groups and rings.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
43					60	CO5	Explain the concepts of permutation, combination and discrete probability.	Moderate-M	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	Strong-H	-	-	Moderate-M	-	-
43					60	CO6	Compute probabilities using probability distributions (discrete and continuous).	Strong-H	Strong-H	Strong-H	Moderate-M	-	Weak-L	Weak-L	-	Strong-H	-	-	Moderate-M	-	-
44	SEM III	070122302 - PP	T7906	Programming Paradigms	60	CO1	Discuss various types of programming languages	Moderate-M	-	-	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	-
44					60	CO2	Illustrate procedural programming concepts like arrays, type conversion, control statements and functions	Strong-H	Weak-L	Moderate-M	Weak-L	-	-	-	-	Weak-L	-	-	Moderate-M	Strong-H	-
44					60	CO3	Explain object oriented programming concepts like classes, objects, static members, friend function, constructors and destructors	Strong-H	Strong-H	Moderate-M	Strong-H	-	-	-	-	Strong-H	-	-	Strong-H	Strong-H	Moderate-M
44					60	CO4	Express the concept of polymorphism, inheritance and virtual functions using real world examples	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	Strong-H	-	-	Strong-H	Strong-H	Moderate-M
44					60	CO5	Discuss basic concepts of Python, decision making, functions and object oriented programming using Python	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H	Strong-H
44					60	CO6	Infer the concepts of logic programming	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-	-	Moderate-M	-
45	SEM III	070122303 - PR	T7512	Programming Paradigms Lab	60	CO1	Express problem-solving strategy to breakdown a complex problem into a series of simpler task.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L

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49	SEM III	070122307 - PP	T7555	Digital Electronics and Logic Design	60	CO1	Convert a number from one number system to another and perform arithmetic operations in various types of number system such as binary, octal and hexadecimal etc.	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-
49					60	CO2	Study different types of logic gates and properties of Boolean algebra.	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-
49					60	CO3	Reduce Boolean expression to the minimum terms using logic design minimization techniques and formulate Sum of Product and Product of Sum.	Moderate-M	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-
49					60	CO4	Design combinational circuits such as half adder, full adder, half subtractor, full subtractor, BCD adder, parity generator/checker, magnitude comparator, multiplexers and de-multiplexers etc.	Moderate-M	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
49					60	CO5	Explain the concept of synchronous and asynchronous sequential circuits like flip flops, latches and apply the concepts of flip flops to design registers and counters.	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
50	SEM III	070122308 - PR	T2646	Digital Electronics and Logic Design Lab	60	CO1	Construct various gates using universal gates.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
50					60	CO2	Build a full adder using half adder.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
50					60	CO3	Build a full subtractor using half adder.	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
50					60	CO4	Perform BCD addition and design BCD adder.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
50					60	CO5	Design and implement a binary to Gray code converter.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
50					60	CO6	Design and implement a gray code to binary code converter.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
50					60	CO7	Design combinational circuit such as magnitude comparator.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
50					60	CO8	Implement Sum of Products/Product of Sum (SOP/POS) form optimally using 8:1 multiplexer.	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
50					60	CO9	Design demultiplexer using logic gates.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
50					60	CO10	Design sequential circuits.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
51	SEM III	070122309 - PP	T7513	Entrepreneurship	60	CO1	To familiarize the students with basics of entrepreneurship, its advantages & challenges	-	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	-	-	Moderate-M	-	-	-	-	-	-
51					60	CO2	To understand foundation of starting a business from generating an idea to its implementation	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
51					60	CO3	To identify various institutions supporting business ventures including government support	-	-	Weak-L	-	Moderate-M	Weak-L	-	-	Weak-L	Moderate-M	-	Weak-L	Weak-L	-	-
52	SEM III	070122310 - PP	TE7257	Service Learning	60	CO1	To promote learning through active participation.	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	Strong-H	Moderate-M	-	Moderate-M	-	-	-
52					60	CO2	To provide structured time to students to think, discuss and implement from their past experiences	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	Moderate-M
52					60	CO3	To apply their skills and knowledge beyond the classroom in real life situations	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	Strong-H	-	-	Moderate-M	-	-	Moderate-M
52					60	CO4	To stimulate sense of caring in students	-	-	-	-	-	-	-	-	-	Moderate-M	-	Moderate-M	-	-	-

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53	SEM IV	070122401 - PP	F0004	Engineering Mathematics-III	60	CO1	Evaluate gradient, divergence, curl, directional derivatives and establish vector identities.	Strong-H	Moderate-M	-	-	-	-	-	-	Weak-L	-	-	Strong-H	-	-
53					60	CO2	Discuss Greens theorem, Gauss divergence theorem and Stokes theorem	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
53					60	CO3	Differentiate functions of complex variables and find the harmonic conjugate. Discuss bilinear transformation	Strong-H	Weak-L	-	-	-	-	-	-	Moderate-M	-	-	Strong-H	-	-
53					60	CO4	Use Cauchys residue theorem, Cauchys integral theorem and Cauchys integral formula to evaluate contour integrals	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
53					60	CO5	Apply Fourier transform to solve boundary value problems such as heat equation, wave equation.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
53					60	CO6	Apply Fourier transform to solve boundary value problems such as heat equation, wave equation.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
53					60	CO7	Describe the nature of partial differential equations and solve partial differential equations.	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
54	SEM IV	070122401 - PR	F0004	Engineering mathematics -III Tut	60	CO1	Evaluate gradient, divergence, curl, directional derivatives and establish vector identities.	Strong-H	Moderate-M	-	-	-	-	-	-	Weak-L	-	-	Strong-H	-	-
54					60	CO2	Discuss Green's theorem, Gauss divergence theorem and Stoke's theorem	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
54					60	CO3	Differentiate functions of complex variables and find the harmonic conjugate. Discuss bilinear transformation	Strong-H	Weak-L	-	-	-	-	-	-	Moderate-M	-	-	Strong-H	-	-
54					60	CO4	Use Cauchy's residue theorem, Cauchy's integral theorem and Cauchy's integral formula to evaluate contour integrals	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
54					60	CO5	Apply Fourier transform to solve boundary value problems such as heat equation, wave equation.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
54					60	CO6	Describe the nature of partial differential equations and solve partial differential equations.	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
55	SEM IV	070122402 - PP	T7488	Operating Systems	60	CO1	Demonstrate the understanding of fundamental Operating Systems concepts.	-	-	-	-	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M
55					60	CO2	Understand the concept of process and thread management and apply the CPU scheduling algorithm to solve problems.	Strong-H	Weak-L	Moderate-M	-	-	-	-	-	Weak-L	Weak-L	-	-	Moderate-M	Moderate-M
55					60	CO3	Explain and apply the concept of process synchronization, mutual exclusion and the deadlock.	Strong-H	Strong-H	Moderate-M	Strong-H	-	-	-	-	Weak-L	Weak-L	-	Weak-L	-	-
55					60	CO4	Discuss various memory management techniques and apply memory page replacement algorithms to solve problems	-	Strong-H	Moderate-M	Moderate-M	-	-	-	-	Moderate-M	Weak-L	-	Weak-L	Moderate-M	Moderate-M
55					60	CO5	Understanding of the concepts of file management by Operating System.	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	-	-	Moderate-M	Weak-L	-	Weak-L	Moderate-M	Moderate-M
56	SEM IV	070122403 - PP	T7510	Java Programming	60	CO1	Understand the fundamentals of object-oriented programming in Java, including defining classes, objects, invoking methods etc	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	-	-	Weak-L	-	-	-	Weak-L	Moderate-M

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56					60	CO2	Demonstrate the concept and usage of inheritance, interface and packages in Java	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Moderate-M
56					60	CO3	Illustrate the concept of exception handling in Java with examples	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Moderate-M
56					60	CO4	Summarize the concept of event handling in AWT and Swings and develop GUI applications in java	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Moderate-M
56					60	CO5	Explain the concept of Multithreading, Sockets and Remote Method Invocation (RMI) in Java	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Moderate-M
56					60	CO6	Demonstrate the usage of basic Java language syntax and semantics by writing java programs	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	Strong-H	-	Weak-L	Weak-L	Moderate-M	Moderate-M
57	SEM IV	070122404 - PR	TE7170	Java Programming Lab	60	CO1	Understand and demonstrate the fundamentals of object-oriented programming in Java, like defining classes, objects, invoking methods etc.	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	-	-	Weak-L	-	-	-	Weak-L	Moderate-M
57					60	CO2	Demonstrate the concept and usage of inheritance, interface and packages in Java.	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Moderate-M
57					60	CO3	Illustrate practically the concept of exception handling in Java.	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Moderate-M
57					60	CO4	Summarize the concept of event handling in AWT and Swings and develop GUI applications in java.	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Moderate-M
57					60	CO5	Demonstrate the concept of Multithreading, Sockets and Remote Method Invocation (RMI) in Java.	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Moderate-M
57					60	CO6	Demonstrate the usage of basic Java language syntax and semantics by writing java programs	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	Strong-H	-	Weak-L	Weak-L	Moderate-M	Moderate-M
58	SEM IV	070122405 - PP	TE7290	Data Structures	60	CO1	Design and implement abstract data types such as linked list, stack, queue using dynamic implementations.	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	Weak-L	Moderate-M	Weak-L	Weak-L	-	Weak-L	-
58					60	CO2	Illustrate the concepts of tree and understand different tree traversal Algorithms.	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	Weak-L	Moderate-M	Moderate-M	Weak-L	-	Moderate-M	-
58					60	CO3	Illustrate the concepts of graph to implement Depth First Search Breadth First Search, minimum cost spanning tree and learn shortest path algorithms.	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	Weak-L	Strong-H	Moderate-M	Weak-L	-	Moderate-M	-
58					60	CO4	Describe symbol table and solve problems using AVL tree.	Moderate-M	Weak-L	Weak-L	Weak-L	-	-	-	-	Weak-L	Weak-L	-	-	Weak-L	-
58					60	CO5	Describe hashing concept and implement different types of files such as sequential, simple index and direct access file.	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	Weak-L	Strong-H	Moderate-M	Weak-L	-	Weak-L	-
59	SEM IV	070122406 - PR	T7489	Data Structures Lab	60	CO1	Demonstrate linked list operations such as create, insert, delete on different types of link list.	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	-	-	Moderate-M	-	-	Strong-H	Weak-L	-
59					60	CO2	Perform create, insert and delete operations on binary search tree.	Strong-H	Strong-H	Strong-H	Weak-L	-	-	-	-	Moderate-M	-	-	Strong-H	Moderate-M	-
59					60	CO3	Illustrate the concepts of graph to implement Depth First Search and Breadth First Search.	Strong-H	Strong-H	Strong-H	Weak-L	-	-	-	-	Moderate-M	-	-	Strong-H	Moderate-M	-
59					60	CO4	Write algorithms for minimal spanning tree (Prims and Kruskals)and shortest path Dijkstra algorithm.	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	Moderate-M	-	-	Strong-H	Moderate-M	-

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59					60	CO5	Employ the concepts of sequential, simple index file and direct access file for hashing.	Moderate-M	Weak-L	Weak-L	Weak-L	-	-	-	-	Moderate-M	-	-	Moderate-M	Weak-L	-
60	SEM IV	070122407 - PP	T7511	Microprocessor Techniques	60	CO1	Employ the concepts of sequential, simple index file and direct access file for hashing.	Moderate-M	Weak-L	Weak-L	Weak-L	-	-	-	-	Moderate-M	-	-	Moderate-M	Weak-L	Weak-L
60					60	CO2	Enumerate Instruction set of 8086 and Write assembly language program.	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
60					60	CO3	Describe interrupt process in detail along with descriptions of each interrupt in IVT.	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
60					60	CO4	Design interfacing of various output devices (ADC, DAC, Keyboard, display, printer, etc.) with 8086 using 8255	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
60					60	CO5	Explain working and Interfacing of NDP 8087.	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
60					60	CO6	Understand architecture, pin diagram and instructions of Microcontroller	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
61	SEM IV	070122408 - PR	T4005	Operating Systems Lab	60	CO1	Discuss the basics of Linux commands and Fedora Operating System.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	Weak-L	Strong-H	Moderate-M
61					60	CO2	Explain different Linux Shell commands and interpret their results.	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-	-	-	Weak-L	Strong-H	Moderate-M
61					60	CO3	Relate file operations of Linux to the basic structure of File Organization of Linux.	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-	-	-	Weak-L	Strong-H	Strong-H
61					60	CO4	Understand various arithmetic commands on shell.	Weak-L	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	-	-	Weak-L	Strong-H	Strong-H
61					60	CO5	Practice different Linux shell commands and interpret their results.	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-	-	-	Weak-L	Moderate-M	Moderate-M
61					60	CO6	Estimateand compare Waiting/Turnaround time of processes using various Scheduling Algorithms using a C program	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Weak-L	Strong-H	Strong-H
61					60	CO7	Demonstrate memory allocation for processes by Page Replacement Algorithm using C program.	Weak-L	Strong-H	Strong-H	-	-	-	-	-	Weak-L	Weak-L	-	Weak-L	Moderate-M	-
62	SEM IV	070122409 - PR	T6012	Microprocessor Techniques Lab	60	CO1	Understand basics of Assembly language programming using TASM simulator with detailed knowledge of how to use assembler, linker and debugger.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
62					60	CO2	Write and simulate assembly language programs for microprocessor	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
62					60	CO3	Perform arithmetic, logical, string and decision making operations in microprocessor.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
62					60	CO4	Demonstrate fundamental understanding on the operation between the microprocessor and its interfacing devices.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
62					60	CO5	Illustrate understanding on interfacing output / input devices using microcontroller.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
63	SEM IV	070122411 - PP	T6016	Basic German I	60	CO1	Basic greetings and introducing yourself in German	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
63					60	CO2	Numbers, nationalities, languages, professions in German	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-

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68					60	CO2	Construct solutions to a broad range of query problems using relational algebra and Structured Query Language	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-	-	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L		
68					60	CO3	Show an understanding of database design concepts such as FDDs, anomalies, normalization and apply the same for normalization of databases	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-	-	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L		
68					60	CO4	Determine various database organization schemes and prepare query processing plan	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-	-	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L		
68					60	CO5	Examine the working of transaction management schemes and related DB facilities such as concurrency control and locking protocols	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-	-	Weak-L	Weak-L	-	Weak-L	Moderate-M	Moderate-M		
69	SEM V	070122503 - PR	T7908	Data Base Management Systems Lab	60	CO1	Design a database schema for a given problem-domain	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	Weak-L		
69					60	CO2	Be familiarized with a query language	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	Weak-L		
69					60	CO3	Implement the database schema using SQL commands	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	Weak-L		
69					60	CO4	Illustrate the ability to extract the knowledge from the database using SQL queries.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	Weak-L		
69					60	CO5	Compare the performance of PL/SQL functions, procedures and trigger.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	Weak-L		
70	SEM V	070122504 - PP	T7907	Computer Networks	60	CO1	Learn and explore the basics of networking.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	
70					60	CO2	Demonstrate understanding on Socket programming, DNS and HTTP protocol.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	
70					60	CO3	Demonstrate deeper understanding on reliable data transfer, congestion and flow control algorithms.	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	
70					60	CO4	Develop clear understanding on routing and routing algorithms for wired and wireless networks.	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	
70					60	CO5	Explore error detection and error correction algorithms.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
71	SEM V	070122505 - PR	TE7299	Computer Networks Lab	60	CO1	Understand basics of networking devices.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	
71					60	CO2	Analyze an ARP, ICMP AND HTTP packet by using Wireshark tool.	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	
71					60	CO3	Implement Socket programming using any programming language.	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	
71					60	CO4	Analyze DNS packet by using Wireshark tool.	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	
71					60	CO5	Simulate Sliding Window Protocol and traffic shaping algorithm using any programming language.	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	
71					60	CO6	Implement Distance Vector routing algorithm	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	
72	SEM V	070122506 - PP	T7487	Design and Analysis of Algorithms	60	CO1	Analyze complexity of an algorithm and explain algorithm analysis concepts like asymptotic, amortized analysis etc to provide a rough classification of an algorithm	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-	Weak-L	Weak-L	-	-	Strong-H	-		
72					60	CO2	Devise, validate and analyze algorithms using Divide and Conquer and greedy strategy	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	-	Weak-L	Weak-L	-	-	Moderate-M	Moderate-M		

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72					60	CO3	Develop, design and analyze algorithms using Dynamic Programming strategy	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	-	Weak-L	Weak-L	-	-	Moderate-M	Moderate-M
72					60	CO4	Develop, design and analyze backtracking and branch and bound algorithms	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	-	Weak-L	Weak-L	-	-	Moderate-M	Moderate-M
72					60	CO5	Explain solvability of algorithms and categorize NP-Hard and NP-Complete Problems	Strong-H	Strong-H	Weak-L	Moderate-M	-	-	-	-	Weak-L	Weak-L	-	-	Strong-H	Weak-L
72					60	CO6	Differentiate and compare various algorithmic design strategies	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	-	-	-	Weak-L	Weak-L	-	-	Moderate-M	-
73	SEM V	070122507 - PR	T6774	Design and Analysis of Algorithms Lab	60	CO1	Examine and analyze the working and complexity of various searching and sorting algorithms.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	Weak-L	-	-	-	Strong-H	Moderate-M
73					60	CO2	Formulate the upper and lower bounds on comparison-based search algorithms.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	Weak-L	-	-	-	Strong-H	Moderate-M
73					60	CO3	Develop programs for solving algorithmic problems based on graph traversals using greedy algorithm design strategy.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	Weak-L	-	-	-	Strong-H	Moderate-M
73					60	CO4	Formulate a combinatorial optimization problem using algorithm design methods such as greedy method, dynamic programming.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	Weak-L	-	-	-	Strong-H	Moderate-M
73					60	CO5	Devise a graph analysis algorithm for solving the all-pairs shortest-path problem.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	Weak-L	-	-	-	Strong-H	Moderate-M
73					60	CO6	Devise algorithm to study the optimal way to merge n initially sorted files.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	Weak-L	-	-	-	Strong-H	Moderate-M
73					60	CO7	Develop, design and analyze backtracking strategy algorithm.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	Weak-L	-	-	-	Strong-H	Moderate-M
74	SEM V	070122508 - PP	T7482	Software Engineering	60	CO1	Identify the need for software engineering and summarize the advantages and disadvantages of the various software engineering process models.	Strong-H	Strong-H	Strong-H	-	-	Weak-L	-	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	-	-
74					60	CO2	Recognize the suitable process model for the implementation of a case study application.	Strong-H	Moderate-M	Moderate-M	-	-	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Weak-L	-
74					60	CO3	Identify the software requirements and perform the analysis modelling of the chosen case study application	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-	Moderate-M	-	Moderate-M	-	-	-
74					60	CO4	Perform the project size estimation and budget estimation, project scheduling and risk management for the case study application.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	Weak-L	Weak-L	Moderate-M	Weak-L	-	-
74					60	CO5	Describe the different software design concepts.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	Weak-L	Moderate-M	-	-
74					60	CO6	Identify the need for software configuration management.	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	Weak-L	Weak-L	Weak-L	-	-	-
74					60	CO7	Understand the different software testing strategies and techniques	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
74					60	CO8	Design test cases for a project by calculating the cyclomatic complexity of the case study application.	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	Weak-L	Weak-L	Weak-L	-	-	-
75	SEM V	070122508 - TUT	T7482	Software Engineering Tut	60	CO1	Identify the need for software engineering and summarize the advantages and disadvantages of the various software engineering process models	Strong-H	Strong-H	Strong-H	-	-	Weak-L	-	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	-	-

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75					60	CO2	Recognize the suitable process model for implementation of a case study application	Strong-H	Moderate-M	Moderate-M	-	-	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Weak-L	-	
75					60	CO3	Identify the software requirements and perform the analysis modelling of the chosen case study application	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-	Moderate-M	-	Moderate-M	-	-	-	
75					60	CO4	Perform the project size estimation and budget estimation, project scheduling and risk management for the case study application	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	Weak-L	Weak-L	Moderate-M	Weak-L	-	-	
75					60	CO5	Describe the different software design concepts	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	Weak-L	Moderate-M	-	-	
75					60	CO6	Identify the need for software configuration management	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	Weak-L	Weak-L	Weak-L	-	-	-	
75					60	CO7	Understand the different software testing strategies and techniques	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	
75					60	CO8	Design test cases for a project by calculating the cyclomatic complexity of the case study application	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	Weak-L	Weak-L	Weak-L	-	-	-	
76	SEM V	070122511-PP	T7476	MATLAB	60	CO1	Illustrate the basic features of MATLAB software.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
76					60	CO2	Perform basic operations on matrices in MATLAB.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
76					60	CO3	Create a user defined function.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
76					60	CO4	Plot different types of graphs like bar, polar, area, stem etc. and three dimension graphs and annotate the graphs.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
76					60	CO5	Export plots to different applications like word, PDF, EPS etc.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
76					60	CO6	Sketch multiple plots in a single window using subplot function.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
76					60	CO7	Write a script file as per requirement in MATLAB editor.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
76					60	CO8	Solve ordinary differential equations using numerical methods.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
76					60	CO9	Use Simulink to create block diagrams.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
76					60	CO10	Solve differential equations using Simulink.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
77	SEM V	070122513-PP	TE7281	Nanotechnology	60	CO1	understand the concept of nanoscale materials and quantum effects governing the behavior of these materials.	-	Moderate-M	Moderate-M	-	Weak-L	-	-	Weak-L	Moderate-M	-	-	Strong-H	-	-	
77					60	CO2	understand the nature and properties of nanomaterials.	Moderate-M	-	Weak-L	-	-	-	-	Weak-L	Weak-L	-	-	Strong-H	Weak-L	Weak-L	
77					60	CO3	describe top-down and bottom-up approaches to synthesize various types of nanomaterials.	Moderate-M	-	Strong-H	-	Moderate-M	-	-	Weak-L	Weak-L	-	-	Strong-H	Strong-H	Strong-H	
77					60	CO4	categorize nanomaterials and understand their structure and properties using data from analytical tools like XRD and UV-Vis.	Moderate-M	Strong-H	-	-	Moderate-M	-	-	Weak-L	Weak-L	-	-	Strong-H	Strong-H	Strong-H	
77					60	CO5	demonstrate the knowledge of properties of nanomaterials and their application in current technology development	Strong-H	-	-	Weak-L	-	-	-	Weak-L	Moderate-M	-	-	Strong-H	Strong-H	Strong-H	
78	SEM V	070122514-PP	TE7292	Computer based Statistical Packages	60	CO1	Explore to SPSS with various options such as data, input, output, labels, charts, script etc.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Moderate-M	-	

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81	SEM VI	070122607 - PR	TE7266	Software Testing and Quality Assurance Lab	60	CO1	Explain different software testing approaches and their significance.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	
81					60	CO2	Design good test cases using different case studies and test case design strategies such as white box testing and black box testing.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
81					60	CO3	Classify and Test different types of computer applications using different automation tools like Bugzilla and Selenium.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
82	SEM VI	070122608 - PP	TE7271	Open Source Technologies	60	CO1	Relate to the idea of adoption of Open Source Software (OSS) and Public Domain Software (PDS) in software development process.	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	-	-	Weak-L	-	-	
82					60	CO2	Identify and outline the need for licenses and patents.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	-	Weak-L	-	-	Weak-L	-	-	
82					60	CO3	Analyze the basic idea of open source technology, their software development process.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Strong-H	Strong-H	-	-	Strong-H	-	
82					60	CO4	Examine and analyze various open source software and tools.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	
82					60	CO5	Outline and distinguish between open source and closed source technologies.	Strong-H	Strong-H	Strong-H	Weak-L	-	-	-	-	Weak-L	-	-	Weak-L	-	-	
83	SEM VI	070122609 - PR	TE7246	Open Source Technologies Lab	60	CO1	Relate to the idea of adoption of Open Source Software (OSS) and Public Domain Software (PDS) in software development process.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Weak-L	Moderate-M	Weak-L	
83					60	CO2	Identify and outline the need for licenses and patents.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	Weak-L	
83					60	CO3	Analyze the basic idea of open source technology, their software development process.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	Weak-L	-	-	Weak-L	Weak-L	Weak-L	
83					60	CO4	Examine and analyze various open source software and tools.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	Weak-L	
83					60	CO5	Outline and distinguish between open source and closed source technologies.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	Weak-L	-	-	Weak-L	Weak-L	Weak-L	
84	SEM VII	070122701 - PP	T7804	Distributed systems and Resource management	60	CO1	Sketch the architecture of the multicomputer models and solve different design issues.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Weak-L	
84					60	CO2	Implement the clock synchronization algorithms in distributed system.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Weak-L	
84					60	CO3	Execute the deadlock detection techniques for the different resource and communication model.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Moderate-M	
84					60	CO4	Use the recovery techniques of the single processor system, solve the recovery problems in distributed environment.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Moderate-M	
84					60	CO5	Execute the shared memory solutions to build a coherent system in distributed environment.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Moderate-M	
84					60	CO6	Demonstrate the working of distributed file system with HDFS.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Moderate-M	
85	SEM VII	070122702 - PP	T7477	System Programming	60	CO1	Show fundamental details of a language processor	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	
85					60	CO2	Employ passes of an assembler on a sample assembly language code	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M

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85					60	CO3	Employ passes of a macro processor on a sample assembly language code	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
85					60	CO4	Illustrate process of compilation and interpretation in software	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
85					60	CO5	Practice compilation of expressions and demonstrate working of an interpreter	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
85					60	CO6	Use LEX, YACC for implementation of intermediate languages, different statement types and procedure calls	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
86	SEM VII	070122703 - PP	F0003	Object Oriented Analysis and Design Pattern	60	CO1	Apply object oriented concepts for real life applications with the illustration of case studies.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	
86					60	CO2	Build and analyze UML Meta model with MDA specifications	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	
86					60	CO3	Analyze the problem statement to build Use case and class diagrams using CRC technique.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	
86					60	CO4	Identify dynamic behavior of the system using Interaction Diagrams.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	
86					60	CO5	Model Behavioral diagrams which gives abstract description and behavior of a system with the help of UML diagrams like state chart diagrams and activity diagram.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	
86					60	CO6	Construct component, deployment and package diagrams using forward engineering approach; verify the design using reverse engineering approach.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	
87	SEM VII	070122704 - PP	T7478	Network Security	60	CO1	Define the basics of cryptography.	Strong-H	Moderate-M	-	Weak-L	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	
87					60	CO2	Demonstrate and explain understanding on secret key algorithms viz DES, AES and IDEA.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	
87					60	CO3	Investigate collisions in hashing algorithms.	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	
87					60	CO4	Explore modern public key cryptography e.g. lattice cryptography and explain classical public key algorithms such as RSA and El-Gamal.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	
87					60	CO5	Exposed to various security protocols.	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	
87					60	CO6	Obtain deeper understanding on Intrusion Detection, malware analysis, IoT security, Blockchains and Privacy.	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Weak-L	Weak-L	
88	SEM VII	070122705 - PR	T7805	Distributed systems and Resource management Lab	60	CO1	Implement vector clocks in distributed system.	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	Weak-L	Moderate-M	
88					60	CO2	Implement RPC using RMI in distributed system.	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	Moderate-M
88					60	CO3	Simulate/Implement Lamports/Maekawa mutual exclusion algorithm in distributed system.	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	Strong-H
88					60	CO4	Simulate/Implement Bully Election Algorithm	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	Moderate-M
88					60	CO5	Demonstrate recent trend/ latest application in Distributed System with a case study/seminar.	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	Moderate-M

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89	SEM VII	070122706 - PP	T7802	Computer Graphics and Multimedia	60	CO1	Describe concepts of computer graphics with emphasis on line and circle drawing using Bresenham Algorithm	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	Weak-L	Strong-H	-
89					60	CO2	Express 2D and 3D transformations on objects.	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	Weak-L	Strong-H	-
89					60	CO3	Explain windowing and clipping techniques on line and polygon.	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	Strong-H	-
89					60	CO4	Describe hidden surfaces and line removal techniques like Back-face removal algorithm, hidden line methods, Z buffer, Warnock and Painters algorithm.	Strong-H	Strong-H	Weak-L	Weak-L	-	-	-	-	-	-	-	-	Strong-H	-
89					60	CO5	Express different curves and fractal generation methods.	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Weak-L	Strong-H	-
89					60	CO6	Describe different text compression methods using Huffman coding.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	-	-	-	Strong-H	-	Moderate-M	Strong-H	Strong-H	Strong-H
90	SEM VII	070122707 - PR	T6004	Object Oriented Analysis and Design Pattern Lab	60	CO1	Select and analyze case study to prepare software based analysis	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
90					60	CO2	Analyze different type of users along with their interaction with the system	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
90					60	CO3	Infer CRC cards to understand procedural mode of thought and fully appreciate object technology	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
90					60	CO4	Illustrate software systems using Analysis Class Diagram.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
90					60	CO5	Identify the structure of a system using systems classes, their attributes, operations, and the relationships among objects.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
90					60	CO6	Identify different processes that operate with one another and their order using Sequence Diagram and Collaboration Diagram.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
90					60	CO7	Illustrate the business processes using Activity and Statechart Diagrams.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
90					60	CO8	Infer the hardware components where software components are deployed by various Component and Deployment Diagram.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
91	SEM VII	070122708 - PR	TE7438	Computer Graphics and Multimedia Lab	60	CO1	Draw various geometrical figures using functions of graphics.h	Strong-H	Moderate-M	Moderate-M	-	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L
91					60	CO2	Define 2D line drawing, circle drawing as a raster graphics display.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L
91					60	CO3	Define polygon filling as a raster graphics display	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L
91					60	CO4	Describe line clipping and polygon clipping by using its different techniques	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L
91					60	CO5	Describe different transformations on 2D objects	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L
91					60	CO6	Implement projection and 3D rotation	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H	Moderate-M
91					60	CO7	Define animation of objects	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	Strong-H	-	-	Strong-H	Strong-H	Strong-H
91					60	CO8	Understand the technologies and platforms upon which modern interactive video games are developed	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	Strong-H	-	-	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14	
92	SEM VII	070122709 - PP	TE7253	Service Learning	60	CO1	To promote learning through active participation	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	Strong-H	Moderate-M	-	Moderate-M	-	-	
92					60	CO2	To provide structured time to students to think, discuss and implement from their past experiences	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	Moderate-M
92					60	CO3	To apply their skills and knowledge beyond the classroom in real life situations	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	Strong-H	-	-	Moderate-M	-	Moderate-M	
92					60	CO4	To stimulate sense of caring in students	-	-	-	-	-	-	-	-	-	Moderate-M	-	Moderate-M	-	-	
93	SEM VII	070122715 - PP	T7529	MATLAB	60	CO1	Perform basic operations on matrices in MATLAB.	Moderate-M	Moderate-M	-	-	Strong-H	-	-	-	-	-	-	-	-	-	
93					60	CO2	Create user define functions and write various scripts	Moderate-M	Moderate-M	-	-	Strong-H	-	-	-	-	-	-	-	-	-	
93					60	CO3	Plot various 2-D and 3-D plots	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	-	-	-	-	-	-	-	-	-	
93					60	CO4	Solve ordinary differential equation using MATLAB and Simulink	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	
94	SEM VII	070122718 - PP	TE7105	Six Sigma	60	CO1	To gain an understanding and appreciation of different dimensions of quality and quality tools.	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Strong-H	Moderate-M	
94					60	CO2	Explain the importance of sigma level and demonstrate the ability to apply some mathematical forecasting techniques	Moderate-M	-	Weak-L	Strong-H	Moderate-M	Strong-H	-	-	Moderate-M	-	Weak-L	-	Moderate-M	-	
94					60	CO3	Explain the importance of quality control and apply techniques to measure quality control	Weak-L	-	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
95	SEM VII	070122719 - PP	TE7106	Nanotechnology	60	CO1	Understand the concept of nanoscale materials and quantum effects governing the behavior of these materials.	-	Moderate-M	Moderate-M	-	Weak-L	-	-	Weak-L	Moderate-M	-	-	Strong-H	-	-	
95					60	CO2	understand the nature and properties of nanomaterials.	Moderate-M	-	Weak-L	-	-	-	-	Weak-L	Weak-L	-	-	Strong-H	Weak-L	Weak-L	
95					60	CO3	describe top-down and bottom-up approaches to synthesize various types of nanomaterials.	Moderate-M	-	Strong-H	-	Moderate-M	-	-	Weak-L	Weak-L	-	-	Strong-H	Strong-H	Strong-H	
95					60	CO4	categorize nanomaterials and understand their structure and properties using data from analytical tools like XRD and UV-Vis.	Moderate-M	Strong-H	-	-	Moderate-M	-	-	Weak-L	Weak-L	-	-	Strong-H	Strong-H	Strong-H	
95					60	CO5	demonstrate the knowledge of properties of nanomaterials and their application in current technology development	Strong-H	-	-	Weak-L	-	-	-	Weak-L	Moderate-M	-	-	Strong-H	Strong-H	Strong-H	
96	SEM VII	070122720 - PP	T7506	Smart Material	60	CO1	Describe the importance of smart materials on the basis of their applications.	-	-	-	-	-	Moderate-M	Weak-L	-	-	-	-	Moderate-M	-	Strong-H	
96					60	CO2	Understand the structure, electrical and magnetic properties of materials.	Strong-H	Strong-H	-	-	-	-	-	-	Weak-L	-	-	Moderate-M	Weak-L	Weak-L	
96					60	CO3	Classify the smart materials in terms of their unique electric and magnetic properties.	Strong-H	Strong-H	-	-	-	-	-	-	Weak-L	-	-	Moderate-M	Moderate-M	Moderate-M	
96					60	CO4	Identify some special smart materials.	-	-	Moderate-M	-	-	Moderate-M	-	-	Strong-H	-	-	Weak-L	Strong-H	Strong-H	
96					60	CO5	Understand some important application of smart materials	-	-	-	-	-	Moderate-M	-	-	Moderate-M	-	-	Moderate-M	Weak-L	Strong-H	
97	SEM VIII	070122801 - PP	T7912	B.Tech Project	60	CO1	Identify and summarize an appropriate list of literature review, analyse previous researchers' work and relate them to current project.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	

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97					60	CO2	Design engineering solutions to complex problems utilising a systems approach.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
97					60	CO3	Demonstrate a sound technical knowledge of their selected project topic.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
97					60	CO4	Present the project outlining the approach and expected results using good oral and written presentation skills.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	-	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
97					60	CO5	Organise, record and compile work done throughout the project.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
98	SEM VIII	070122802 - PP	G7012	Compiler Construction	60	CO1	Understand compilation process.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Moderate-M	-
98					60	CO2	Perform syntax analysis through examples based on approaches.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	-
98					60	CO3	Perform syntax directed translation using attributes and their evaluation methods.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	-
98					60	CO4	Discuss runtime storage organization and related approaches.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	-
98					60	CO5	Perform intermediate code generation using different programming constructs.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	-
98					60	CO6	Understand code generation in terms of issues, simple and dynamic code generator.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	-
98					60	CO7	Discuss optimization types, flow graph their analysis and transformations.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	-
99	SEM VIII	070122803 - PP	T7802	Advanced Database Management System	60	CO1	Use knowledge of parallelism to increase scale up and speed up of a computer system.	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-
99					60	CO2	Apply knowledge of partitioning techniques to distribute database efficiently to increase throughput and response time	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-
99					60	CO3	Illustrate client server architecture and business logic of SOAP.	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-
99					60	CO4	Demonstrate ETL process in Data Warehousing and use different schemas such as star schema and snowflake schema.	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-
99					60	CO5	Apply data mining algorithms like Apriori algorithm and decision tree algorithm.	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-
99					60	CO6	Use web search engine and different techniques like ranking of terms, hyperlink to retrieve structured data and information	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-
100	SEM VIII	070122804 - PP	T7478	Software Testing and Quality Assurance	60	CO1	Explain different software testing approaches and their significance.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Moderate-M	Strong-H	-
100					60	CO2	Design good test cases using different case studies and test case design strategies such as white box testing and black box testing.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	-
100					60	CO3	Demonstrate different software metrics and their importance.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	-
100					60	CO4	Apply software quality assurance tools like Ishikawa's tools.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	-

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100					60	CO5	Explain quality standards like ISO, CMM and their implementation in different business domains such as IT, education industry.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	-
100					60	CO6	Classify and Test different types of computer applications using different automation tools like QTP, Selenium.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	-	Strong-H	Strong-H
101	SEM VIII	070122805 - PR	TE7018	Compiler Construction Lab	60	CO1	Understand compilation process.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Moderate-M	-
101					60	CO2	Perform syntax analysis through examples based on approaches.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	-
101					60	CO3	Perform syntax directed translation using attributes and their evaluation methods.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	-
101					60	CO4	Discuss runtime storage organization and related approaches.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	-
101					60	CO5	Perform intermediate code generation using different programming constructs.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	-
101					60	CO6	Understand code generation in terms of issues, simple and dynamic code generator.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	-
101					60	CO7	Discuss optimization types, flow graph their analysis and transformations.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	-
102	SEM VIII	070122806 - PR	T7804	Advanced Database Management System Lab	60	CO1	Apply Abstract Data Type (ADT) to create nested tables	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	-	-
102					60	CO2	Illustrate different types of attributes such as composite attributes and multi valued attributes	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	-	-
102					60	CO3	Apply knowledge of ASP and JAVA to create a web application	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	-	-
102					60	CO4	Demonstrate various OLAP operations on data cubes.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	-	-
102					60	CO5	Illustrate Data Mining algorithms such as Apriori algorithm and decision tree algorithm.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	-	-
102					60	CO6	Illustrate all commands in MY-SQL.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	-	-
102					60	CO7	Apply knowledge in all above assignments to develop a mini project.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	-	-
103	SEM VIII	070122807 - PR	T7674	Software Testing and Quality Assurance Lab	60	CO1	Explain different software testing approaches and their significance.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	-
103					60	CO2	Design good test cases using different case studies and test case design strategies such as white box testing and black box testing.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	-
103					60	CO3	Classify and Test different types of computer applications using different automation tools like Bugzilla and Selenium.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
104	SEM VIII	070122808 - PR	TE7019	Artificial Intelligence Lab	60	CO1	Explain the concept of machine learning, training, validation and testing data and concepts	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-	Moderate-M	-	-	-	-	-
104					60	CO2	Differentiate between various regression techniques	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-	Moderate-M	-	-	-	-	-
104					60	CO3	Analyze various classification algorithms	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-	-	-

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104					60	CO4	Distinguish between various clustering algorithms.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-	Moderate-M	-	-	-	-	-
104					60	CO5	Explain the backpropagation algorithm	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-	-	-
105	SEM VIII	070122808 - PP	TE7019	Artificial Intelligence	60	CO1	Explain the concept of machine learning, training, validation and testing data and concepts.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-	Moderate-M	-	-	-	-	-
105					60	CO2	Differentiate between various regression techniques.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-	Moderate-M	-	-	-	-	-
105					60	CO3	Analyze various classification algorithms	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-	-	-
105					60	CO4	Distinguish between various clustering algorithms.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-	Moderate-M	-	-	-	-	-
105					60	CO5	Explain the back propagation algorithm	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-	-	-
106	SEM VIII	070122812 - PP	T7527	Cloud Computing	60	CO1	Explore technologies that comprise the modern concept of cloud computing.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	Moderate-M	Weak-L	-	-	Weak-L	Moderate-M
106					60	CO2	Investigate major concepts in cloud computing, the economics foundations of it and we introduce the concept of big data	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	Moderate-M	Weak-L	-	-	Weak-L	Moderate-M
106					60	CO3	Deep dive virtualization and containers with deeper focus, including lectures on Docker, JVM and Kubernetes	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	Moderate-M	Weak-L	-	-	Weak-L	Moderate-M
106					60	CO4	Compare the infrastructure as a service offering by the big three: Amazon, Google and Microsoft	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	-	-	-	Moderate-M	Weak-L	-	-	Weak-L	Moderate-M
106					60	CO5	Explore cloud middleware technologies that are fundamental to cloud based applications such as RPC and REST, JSON and load balancing.	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	-	-	-	Moderate-M	Weak-L	-	-	Weak-L	Moderate-M
106					60	CO6	Learn Hive, HDFS and Ceph as pure Big Data Storage and file systems, and move on to cloud object storage systems, virtual hard drives and virtual archival storage options.	Strong-H	Moderate-M	Weak-L	Moderate-M	-	-	-	-	Moderate-M	Weak-L	-	-	Weak-L	Moderate-M

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Technology Programme Name : Bachelor of Technology (Electronics & Tele-Communication Engineering)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Engineering Knowledge:Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Problem Analysis:Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

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1					60	CO4	Test the convergence of series of positive terms, by using appropriate tests and find Fourier series expansion of periodic functions.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-
1					60	CO5	Evaluate rank of a matrix, Eigen values and Eigen vectors. Transform matrix to diagonal form.	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	-	-	-	-	-	-	-
1					60	CO6	Apply Caley-Hamilton theorem to find inverse of a matrix and solve system of simultaneous equations	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	-	-	-	-	-
2	SEM I	070123101-PR	TE7168	Engineering Mathematics -I	60	CO1	Apply successive differentiation to find nth derivative, indeterminate forms and series expansion of functions.	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
2					60	CO2	Apply the concepts of partial differentiations to solve problems on homogeneous functions, Jacobians and maxima & minima.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
2					60	CO3	Evaluate integrals using reduction formulae and improper integral using DUIS rule and beta-gamma function.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
2					60	CO4	Test the convergence of series of positive terms, by using appropriate tests and find Fourier series expansion of periodic functions.	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
2					60	CO5	Evaluate rank of a matrix, Eigen values and Eigen vectors. Find inverse using Caley Hamilton theorem and solve system of simultaneous equations.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
3	SEM I	070123102-PP	T7391	Physics	60	CO1	Demonstrate the knowledge of fundamental concepts of waves and simple harmonic oscillations and develop the ability to identify damping forces in a system and methods to minimize the dissipation of energy against them.	Strong-H	Strong-H	-	-	Moderate-M	-	-	-	Weak-L	-	-	Strong-H	-	Weak-L
3					60	CO2	Understand the theory of superposition principle and comprehend and interpret the observations of variation in wave intensities due to the phenomena of interference and diffraction in daily life.	Moderate-M	Strong-H	Strong-H	-	-	-	-	-	Weak-L	-	-	Weak-L	-	-
3					60	CO3	Realize the importance of light phenomena in thin films, grating and telescope and understand their applications.	Moderate-M	Strong-H	Strong-H	-	-	-	-	-	Weak-L	-	-	Weak-L	-	-
3					60	CO4	Learn the principle of lasing and working of various types of lasers and understand their applications.	Weak-L	Weak-L	-	-	Weak-L	Weak-L	-	-	Weak-L	-	-	Strong-H	-	-
3					60	CO5	Correlate the relation between electric and magnetic fields and understand and interpret the Maxwells equations	Weak-L	Weak-L	-	-	-	-	-	-	Weak-L	-	-	Strong-H	-	Weak-L
4	SEM I	070123103-PP	T7383	Communication Skills	60	CO1	Identify/ Recognize the barriers to effective communication in accordance with all types of communication; avoid or overcome them.	-	-	-	-	-	-	-	Moderate-M	Strong-H	Strong-H	-	Strong-H	-	-
4					60	CO2	Constructing sentences effectively using grammar and vocab	-	-	-	-	-	-	-	Moderate-M	Strong-H	Strong-H	-	Strong-H	-	-
4					60	CO3	Communicate/ express effectively in a range of settings.	-	-	-	-	-	-	-	Moderate-M	Weak-L	Strong-H	-	Moderate-M	-	-
4					60	CO4	Employ etiquettes in oral and written communication.	-	-	-	-	-	-	-	Moderate-M	Weak-L	Strong-H	-	Strong-H	-	-

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4					60	CO5	Demonstrate the basics of writing skills and use in business and technical correspondence	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	-	Moderate-M	-	-
5	SEM I	070123104 - PP	TE7188	Environmental Science	60	CO1	Understand about sustainable technologies for resource conservation	Strong-H	Weak-L	Weak-L	-	-	Moderate-M	Strong-H	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
5					60	CO2	Identify sources, effects and remedial measures for different pollutions	Weak-L	-	-	-	-	Weak-L	Weak-L	-	Weak-L	-	-	Weak-L	Moderate-M	-
5					60	CO3	Identify and formalize a generalized water and wastewater treatment process	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	-	-	-	-	Moderate-M	Strong-H	Strong-H
5					60	CO4	Identify various sources of solid wastes, their effects and latest management techniques	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-	Strong-H	Strong-H
5					60	CO5	Know about existing environmental laws and legislations and related case studies.	Moderate-M	Weak-L	-	Weak-L	-	Moderate-M	Moderate-M	-	-	Weak-L	-	Weak-L	-	-
6	SEM I	070123105 - PP	TE7286	Programming and Problem Solving	60	CO1	Introduce concepts of computational thinking modern computer systems, python IDE, problem formulation, devising solution and its evaluation	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	Weak-L	Weak-L
6					60	CO2	Get acquainted to python programming basics by learning and practicing the coding in python IDE	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	-	-	-	-	-	-	-	Strong-H	-
6					60	CO3	Evaluation and analysing using functions and modules to simplify and automate the programming	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-
6					60	CO4	Using classes to create representations of real world objects and simulate them in IDE	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	-	-	Weak-L
7	SEM I	070123106 - PR	TE7300	Tinker Lab	60	CO1	Relate fundamental concepts/laws of science and engineering	Moderate-M	Weak-L	-	-	-	-	-	-	Strong-H	Weak-L	-	Weak-L	Weak-L	-
7					60	CO2	Practice pre-achieved skills on hardware and devices	Weak-L	-	-	-	-	-	-	-	Weak-L	Weak-L	-	Weak-L	Weak-L	-
7					60	CO3	Take apart and reassemble and/or repairing of engineering gadgets	Weak-L	-	-	-	-	-	-	Weak-L	Weak-L	-	-	Weak-L	-	-
7					60	CO4	Explore various aspects of tinkered devices/instruments	Weak-L	-	-	-	-	-	-	-	Moderate-M	-	-	Moderate-M	-	-
7					60	CO5	Design and make models out of creativity using raw material	Weak-L	-	-	Weak-L	-	-	-	-	Strong-H	Moderate-M	-	-	-	-
8	SEM I	070123107 - PP	TE7310	Computational Techniques I	60	CO1	Use Multisim for making electrical circuits	Strong-H	Weak-L	Weak-L	-	Moderate-M	-	-	-	-	-	-	Weak-L	Strong-H	Weak-L
8					60	CO2	Analyze the circuit on Multisim	Strong-H	Moderate-M	Weak-L	-	Moderate-M	-	-	-	-	-	-	Weak-L	Strong-H	Weak-L
8					60	CO3	Design printed circuit board using Kicad	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	-	-	-	Weak-L	Strong-H	Weak-L
9	SEM I	070123108 - PR	T7384	Communication skills lab	60	CO1	Express ideas and concepts well through vocabulary building, aptitude tests, mind mapping and brain storming.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-
9					60	CO2	Demonstrate linguistic competence-through accuracy in grammar, pronunciation and vocabulary.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-
9					60	CO3	Sketch their creative side in formal as well as informal communication	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	Weak-L	Weak-L	-	-
9					60	CO4	Employ etiquettes in oral and written communication.	-	-	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L	Weak-L	-	-
9					60	CO5	Modify their listening skills.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-

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9					60	CO6	Sketch their articulation while participating in Group discussions, debate or job interviews.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	Weak-L
10	SEM I	070123109 - PR	T7392	Physics lab	60	CO1	Enhancing the problem analyzing aptitude by means of learning troubleshooting electrical circuits or setting of optical instruments	Strong-H	Strong-H	-	Moderate-M	-	Weak-L	-	Moderate-M	Strong-H	-	Moderate-M	Weak-L	-	-
10					60	CO2	Data analysis, interpretation and drawing inferences	Strong-H	Moderate-M	-	-	-	-	-	Weak-L	Strong-H	-	Moderate-M	Weak-L	-	-
10					60	CO3	Promoting individual and team work skills	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-	Weak-L	-	Moderate-M	Weak-L	-	-
10					60	CO4	Inculcating ethics while recording (true) observations	Weak-L	-	-	-	-	-	-	-	Weak-L	-	Weak-L	Weak-L	-	-
10					60	CO5	Teaching project management by learning to make the best use of available resources	Weak-L	Moderate-M	-	Moderate-M	-	-	-	-	Weak-L	-	Weak-L	Weak-L	-	-
11	SEM I	070123110 - PR	TE7287	Programming and Problem Solving Lab	60	CO1	Using the concepts learnt in the class to create different models for problem understanding	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	-	-	-	Weak-L	-	-	Weak-L	-	Weak-L
11					60	CO2	Python programming to convert algorithms to solve simple mathematical problems	Weak-L	Moderate-M	Strong-H	-	Moderate-M	-	-	-	Weak-L	-	-	-	-	-
11					60	CO3	Developing quantitative aptitude using python programming to solve complex real life problems	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	-	-	Weak-L	-	-	-	-	-
11					60	CO4	Teaching ethics, team work by designing and creating a comprehensive socially relevant system	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	-	-	Weak-L	Weak-L	Weak-L	Weak-L	-	-	Weak-L
12	SEM I	070123111 - PP	T6773	Creative Thinking	60	CO1	Understand the importance of right brain directed thinking complementing left brain directed thinking	-	Strong-H	Weak-L	-	-	-	-	Strong-H	Weak-L	Strong-H	-	Moderate-M	-	-
12					60	CO2	Infer and discover processes and methods of creative problem solving	Moderate-M	Strong-H	Moderate-M	-	Weak-L	-	Weak-L	-	Strong-H	Strong-H	-	Moderate-M	-	-
12					60	CO3	Enhance and correlate their creative and innovative thinking skills	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	-	Strong-H	Moderate-M	-	-	-	-
12					60	CO4	Understand various disruptive innovations and techniques	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	-	Strong-H	Moderate-M	-	-	-	-
12					60	CO5	Analyze and apply various tools of creativity to some basic problem	Moderate-M	Strong-H	Moderate-M	-	-	-	-	-	Strong-H	Moderate-M	-	-	-	-
13	SEM II	- PR		EM-II tut	60	CO1	Evaluate multiple integral in different coordinate system.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
13					60	CO2	Apply multiple integral to find area, volume and centre of mass and gravity.	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
13					60	CO3	Identify and solve linear differential equations using suitable method and apply for solving problems from engineering.	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
13					60	CO4	Evaluate gradient, divergence, curl, directional derivatives and apply Green's theorem, Gauss divergence theorem and Stoke's theorem to evaluate vector integration.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
13					60	CO5	Evaluate Laplace transform of various function and solve linear differential equation	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
14	SEM II	070123201 - PP	TE7169	Engineering Mathematics -II	60	CO1	Evaluate multiple integral in different coordinate system.	Strong-H	Moderate-M	-	-	-	-	-	-	-	Strong-H	-	Moderate-M	-	-

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18					60	CO2	Visualize, plan and draw projections of lines (1D) and planes (2D) (inclined to both planes of projection)	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-	-
18					60	CO3	Visualize and draw projections of regular solids (3D) (inclined to both planes of projection) and sections of regular solids (front view, top view and true shape)	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-
18					60	CO4	Visualize and communicate 3D regular/irregular shapes as 2D engineering drawings and vice versa using orthographic/isometric/development principles	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-	-
19	SEM II	070123206 - PR	T7593	Basic Electrical and Electronics Engineering Lab	60	CO1	Understand the need of various safety precautions to be undertaken while working with electrical equipment and learn different wiring components and wiring schemes.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Strong-H	Weak-L	-	Weak-L	-	Weak-L	-
19					60	CO2	Develop a clear understanding of the characteristics of basic semiconductor devices like, pn junction diode, Zener Diode and BJTs, their different configurations and applications.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Strong-H	Weak-L	-	Weak-L	-	Weak-L	-
19					60	CO3	Use and understand different controls of equipment's like CRO and DMM.	Moderate-M	Moderate-M	-	-	Strong-H	-	-	-	Strong-H	Weak-L	-	Weak-L	-	Weak-L	-
20	SEM II	070123207 - PR	T7382	Chemistry Lab	60	CO1	Examine water samples for different parameters through experimentation	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Weak-L	-	-	Moderate-M	-	-	-	-	Weak-L	-
20					60	CO2	Understand the preparation of condensation polymers and finding molecular weight of polymer	Strong-H	Moderate-M	-	-	-	-	-	-	Weak-L	-	-	-	-	Weak-L	-
20					60	CO3	Understand basic experimentation related to adsorption and chromatography	Strong-H	-	-	-	-	-	-	-	Weak-L	-	-	-	-	-	-
20					60	CO4	Apply basic concepts in spectroscopic analysis	Strong-H	Weak-L	-	-	-	-	-	-	Weak-L	-	-	-	-	Weak-L	-
20					60	CO5	Write effectively the results of experimentation and develop team working skills	-	Weak-L	-	-	-	-	-	-	Weak-L	-	-	-	-	Weak-L	-
21	SEM II	070123208 - PP	T6732	Critical Thinking	60	CO1	Make better decisions based on logical thinking,	-	Strong-H	Weak-L	Moderate-M	-	-	-	-	Weak-L	-	-	Moderate-M	-	-	-
21					60	CO2	Identify and evaluate facts in an argument,	-	Strong-H	Weak-L	Moderate-M	-	-	-	-	Weak-L	-	-	Moderate-M	-	-	-
21					60	CO3	Derive truth , ambiguity, vagueness and fallacy in arguments	-	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	-	-	Moderate-M	-	-	-
21					60	CO4	Design questions to reach conclusions.	-	Weak-L	Weak-L	Weak-L	-	-	-	-	-	-	-	Weak-L	-	-	-
22	SEM II	070123209 - PR	TE7396	Software Tools	60	CO1	Use Excel software for basic mathematical calculation	Weak-L	Moderate-M	Weak-L	-	Strong-H	Moderate-M	-	-	Weak-L	-	Weak-L	Weak-L	Weak-L	Weak-L	-
22					60	CO2	Use Excel for data analysis	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	Moderate-M	Weak-L	Weak-L	Weak-L	-
22					60	CO3	Prepare charts useful for scientific writing	Weak-L	-	-	-	Strong-H	Weak-L	-	-	Weak-L	-	-	Weak-L	Weak-L	Weak-L	Weak-L
23	SEM III	070123301 - PP	F0004	Engineering Mathematics-III	60	CO1	Evaluate contour integrals using Cauchys residue theorem, Cauchys integral theorem and Cauchys integral formula	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-	-
23					60	CO2	Represent the given function in Fourier integral representation, find Fourier transforms and inverse Fourier transforms.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	Weak-L	Moderate-M

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23					60	CO3	Apply Z-transform to solve differential equations.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
23					60	CO4	Describe the nature of partial differential equations and solve partial differential equations.	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
23					60	CO5	Apply Fourier transform to solve boundary value problems such as heat equation, wave equation.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
23					60	CO6	Apply Z-transform to solve differential equations.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
23					60	CO7	Describe the nature of partial differential equations and solve partial differential equations.	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
24	SEM III	070123301 - PP	F0004	Engineering Mathematics-III(T)	60	CO1	Evaluate gradient, divergence, curl, directional derivatives and establish vector identities.	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
24					60	CO2	Discuss Green's theorem, Gauss divergence theorem and Stoke's theorem	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	Moderate-M
24					60	CO3	Differentiate functions of complex variables and find the harmonic conjugate. Discuss bilinear transformation	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
24					60	CO4	Use Cauchy's residue theorem, Cauchy's integral theorem and Cauchy's integral formula to evaluate contour integrals.	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
24					60	CO5	Apply Fourier transform to solve boundary value problems such as heat equation, wave equation.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
24					60	CO6	Apply Z-transform to solve difference equations.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
24					60	CO7	Describe the nature of partial differential equations and solve partial differential equations.	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
25	SEM III	070123302 - PP	TE7083	Semiconductor Devices and Circuit Applications	60	CO1	Apply the basics of working of the semiconductor devices and analyze the wave shaping circuits.	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	Weak-L	-
25					60	CO2	Describe the structural details and working of special purpose diodes and FETs.	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	Moderate-M	Weak-L	-
25					60	CO3	Analyze Transistor as an amplifier for CE, CB and CC configurations using H parameters.	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	Moderate-M	-
25					60	CO4	Apply the concept single stage amplifiers for the analysis of multistage amplifiers and study their frequency response.	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	Moderate-M	-
25					60	CO5	Analyze small signal and high frequency model of BJTs, single stage amplifier and check the frequency response of BJT.	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	Moderate-M	-
25					60	CO6	Classify and analyze feedback amplifiers as positive and negative feedback circuits & study applications of positive feedback amplifiers as Oscillators.	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	Moderate-M	-
25					60	CO7	Identify the need of large signal amplifiers and develop a clear understanding of various classes of power amplifiers.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	Moderate-M	-

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26	SEM III	070123303 - PR	TE7170	Semiconductor Devices and Circuit Applications Lab	60	CO1	Study and analyze basic wave shaping circuits.	Strong-H	-	-	-	Moderate-M	-	-	-	-	-	-	-	-	Moderate-M	-
26					60	CO2	Investigate the performance of BJT and JFET circuits.	Moderate-M	Moderate-M	-	-	Moderate-M	-	-	-	-	-	-	-	-	Moderate-M	-
26					60	CO3	Understand the working principle and analyze the performance of feedback amplifier.	Moderate-M	Moderate-M	-	-	Moderate-M	-	-	-	-	-	-	-	-	Moderate-M	-
26					60	CO4	Understand the working of LC Oscillator.	Strong-H	-	-	-	Moderate-M	-	-	-	-	-	-	-	-	Moderate-M	-
27	SEM III	070123304 - PP	TE7320	Digital Electronics	60	CO1	Understand number systems, logic gates and Boolean algebra.	Weak-L	-	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-
27					60	CO2	Apply the knowledge of logic gates to identify and analyze combinational circuits and design combinational circuits.	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-
27					60	CO3	Design sequential logic circuits like counters and registers with the knowledge of flip-flops.	-	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-	-	-	-	-	-	-
27					60	CO4	Design Mealy and Moore synchronous sequential circuits models.	Strong-H	Weak-L	-	Strong-H	-	-	-	-	-	-	-	-	-	Weak-L	-
27					60	CO5	Compare different logic families, memories on several parameters.	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	Weak-L
27					60	CO6	Understand basics of 8085 Microprocessor, its interfacing and programming.	Strong-H	Weak-L	-	Strong-H	-	-	-	-	-	-	-	-	-	Weak-L	-
28	SEM III	070123305 - PR	TE7336	Digital Electronics Lab	60	CO1	Understand the various datasheet of ICS.	-	Weak-L	Moderate-M	Weak-L	-	-	-	-	-	Weak-L	-	-	-	Strong-H	-
28					60	CO2	Design various combinational logic circuits and test the performance.	-	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	Weak-L	-	-	-	Strong-H	-
28					60	CO3	Design and implement sequential logic circuits and test their performance.	-	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	Weak-L	-	-	-	Strong-H	-
28					60	CO4	Write the basic programs for 8085 microprocessor.	-	Weak-L	Moderate-M	Weak-L	-	Weak-L	-	-	-	-	-	-	-	Strong-H	-
29	SEM III	070123306 - PP	T2646	Data Structures and Algorithms	60	CO1	Review the concepts of C programming understand the terminologies and techniques of data structures and linked organizations	Strong-H	-	Weak-L	-	Moderate-M	-	-	-	Weak-L	-	-	-	Moderate-M	Strong-H	-
29					60	CO2	Describe and evaluate the complexity of algorithms	Moderate-M	Moderate-M	-	-	-	-	-	-	Weak-L	-	-	-	Moderate-M	Moderate-M	Moderate-M
29					60	CO3	Understand the importance of linked data structure.	Moderate-M	-	Moderate-M	-	Moderate-M	-	-	-	Weak-L	-	-	-	Moderate-M	Moderate-M	-
29					60	CO4	Understand apply the linear and non-linear data structures for various applications.	Weak-L	Moderate-M	Strong-H	-	Moderate-M	-	-	-	Weak-L	-	-	-	Moderate-M	Weak-L	Moderate-M
29					60	CO5	Analyze and apply the searching, sorting, insertion, deletion, traversing mechanism etc. on sequential and linked data.	Weak-L	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	Weak-L	-	-	-	Moderate-M	Weak-L	Moderate-M
30	SEM III	070123306 - PP	T2646	Data Structures and Algorithms	60	CO1	Review the concepts of C programming understand the terminologies and techniques of data structures and linked organizations	Strong-H	-	Moderate-M	-	Moderate-M	-	-	-	Weak-L	-	-	-	Moderate-M	Strong-H	-
30					60	CO2	Describe and evaluate the complexity of algorithms	Moderate-M	Moderate-M	-	-	-	-	-	-	Weak-L	-	-	-	Moderate-M	Moderate-M	Moderate-M
30					60	CO3	Understand the importance of linked data structure.	Moderate-M	-	Moderate-M	-	Moderate-M	-	-	-	Weak-L	-	-	-	Moderate-M	Moderate-M	-

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30					60	CO4	Understand apply the linear and non-linear data structures for various applications.	Weak-L	Moderate-M	Strong-H	-	Moderate-M	-	-	-	Weak-L	-	-	Moderate-M	Moderate-M	Moderate-M	
30					60	CO5	Analyze and apply the searching, sorting, insertion, deletion, traversing mechanism etc. on sequential and linked data.	Weak-L	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	Weak-L	-	-	Moderate-M	Weak-L	Moderate-M	
31	SEM III	070123307 - PR	TE7321	Data Structures and Algorithms Lab	60	CO1	Recall the concepts of C programming to implement engineering tasks.	Weak-L	Moderate-M	-	-	Strong-H	-	-	-	-	-	-	-	-	-	
31					60	CO2	Understand, implement and perform operations on linear and non linear data structures in C.	Weak-L	Moderate-M	-	-	Strong-H	-	-	-	-	-	-	-	-	-	
31					60	CO3	Understand and implement searching and sorting techniques on large data in C.	Weak-L	Moderate-M	-	-	Strong-H	-	-	-	-	-	-	-	-	-	
31					60	CO4	Apply the data structure techniques to find the solution to a particular problem.	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-	-	Strong-H	-	Weak-L	
32	SEM III	070123308 - PP	TE7322	Network Analysis & Synthesis	60	CO1	Apply the Network Theorems to find specific parameters.	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-	-	
32					60	CO2	Foster ability to do network analysis and find resonance frequencies of series and parallel RLC.	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-	-	
32					60	CO3	Analyze the RL, RC and RLC circuit response in the time domain as well as Laplace domain.	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-	-	
32					60	CO4	Identify a single port and two-port networks and able to find network parameters.	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-	-	
32					60	CO5	Acquired knowledge about Network functions and able to Synthesis using Foster and Cauer form.	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-	-	
33	SEM III	070123309 - PP	T6761	Electronic Measurements And Instrumentation	60	CO1	Describe the fundamental concepts and principles of instrumentation.	Moderate-M	-	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	
33					60	CO2	Explain the operations of the various instruments required in measurements.	Weak-L	Moderate-M	-	-	-	-	-	-	-	-	-	Strong-H	Moderate-M	Moderate-M	Moderate-M
33					60	CO3	To select specific instrument for specific measurement function.	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M
33					60	CO4	Apply knowledge of different oscilloscopes like CRO, DSO.	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M
33					60	CO5	Understand functioning, specification, and applications of signal analyzing instruments.	Moderate-M	-	Strong-H	-	-	-	-	-	-	-	-	Strong-H	Moderate-M	Moderate-M	Moderate-M
34	SEM III	070123310 - PR	T6760	Electronic Measurements And Instrumentation Lab	60	CO1	Find the accuracy of any instrument by performing experiment	Moderate-M	Strong-H	-	-	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H	-	
34					60	CO2	To make the students understand how to use these instruments for measuring an unknown quantity.	Moderate-M	Strong-H	-	-	Moderate-M	-	-	-	-	-	-	Moderate-M	Strong-H	-	
34					60	CO3	To calibrate & test different types of electrical measuring instruments.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H	-	
35	SEM III	070123311 - PR	TE7027	Minor Projects in Electronics Circuits	60	CO1	Design circuit to achieve low level outputs	Strong-H	Moderate-M	-	Weak-L	-	-	-	-	Strong-H	-	-	Weak-L	-	Weak-L	
35					60	CO2	Learn software for circuit board design (KiCAD) and simulation (LTSpice)	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Weak-L	-	Weak-L	

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44					60	CO3	Determine the electric field from the stationary charge distribution and magnetic fields from steady current distributions.	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-	-	Weak-L
44					60	CO4	Demonstrate Maxwells equations and explain their physical meanings and illustrate the application of Maxwell's equations to analyze electromagnetic fields generated by given dynamic charge and current distributions.	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	Weak-L
44					60	CO5	Discuss the propagation, reflection and transmission of plane waves.	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-
45	SEM IV	070123407 - PR	T7536	Electromagnetic Field Theory Tutorial	60	CO1	Formulate vector calculus expressions to understand the behaviour of static electric and magnetic fields in a standard configuration.	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-	Weak-L
45					60	CO2	Derive expressions for electric and magnetic fields according to their force effect	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	Weak-L
45					60	CO3	Determine the electric field from the stationary charge distribution and magnetic fields from steady current distributions.	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-	-	Weak-L
45					60	CO4	Demonstrate Maxwell's equations and explain their physical meanings and illustrate the application of Maxwell's equations to analyze electromagnetic fields generated by given dynamic charge and current distributions.	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	Weak-L
45					60	CO5	Discuss the propagation, reflection and transmission of plane waves.	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-
46	SEM IV	070123408 - PP	T7548	Analog Circuit Design	60	CO1	Understand the characteristics and functionality of the Operational Amplifier.	Strong-H	Strong-H	Weak-L	-	Weak-L	-	-	-	Weak-L	-	-	-	-	Strong-H	Strong-H
46					60	CO2	Design circuits with op-amps for different applications.	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	-	Weak-L	-	-	-	-	Strong-H	Strong-H
46					60	CO3	Interface multiple op-amps to get desired application.	Moderate-M	Moderate-M	Weak-L	-	Weak-L	-	-	-	Weak-L	-	-	-	-	-	Moderate-M
46					60	CO4	Understand and apply the knowledge of functioning of IC555.	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	-	Weak-L	-	-	-	-	-	Strong-H
46					60	CO5	Understand the concepts of Active filters, PLL and ADC DACs	Moderate-M	Moderate-M	Weak-L	-	Weak-L	-	-	-	Weak-L	-	-	-	-	-	Weak-L
47	SEM IV	070123409 - PR	TE7029	Analog Circuit Design Lab	60	CO1	Identify the op amp configuration based on specifications.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-
47					60	CO2	Design circuit using IC 741 for specific application.	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	Strong-H	-	-	-	-	Strong-H	Weak-L
47					60	CO3	Mount and test designed op amp based circuit on bread board.	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	Strong-H	-	-	-	-	Strong-H	Weak-L
47					60	CO4	Understand the significance of theoretical result also observe and verify the results.	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	Moderate-M	-	Weak-L
48	SEM IV	070123410 - PP	T4005	Principles of Communication	60	CO1	Understand the need of modulation, modulation processes and different amplitude modulation schemes of analog communication.	Strong-H	Moderate-M	-	Moderate-M	Weak-L	-	-	-	Weak-L	-	-	-	Strong-H	-	Strong-H
48					60	CO2	Analyze generation and detection of FM signal and comparison between amplitude and angle modulation schemes.	Strong-H	Moderate-M	-	Moderate-M	Weak-L	-	-	-	Weak-L	-	-	-	Strong-H	-	Strong-H

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48					60	CO3	Understand different sources and types of noise in communication system and how noise affects communication using different parameter.	Strong-H	Moderate-M	-	Weak-L	Weak-L	-	-	-	-	-	-	Strong-H	-	Strong-H
48					60	CO4	Understand the concept of PCM and recover the original signal without any distortion.	Strong-H	Moderate-M	-	Weak-L	-	-	-	-	Weak-L	-	-	Strong-H	-	Strong-H
48					60	CO5	To understand basic building blocks of Digital Communication System.	Strong-H	Moderate-M	-	-	-	-	-	-	Weak-L	-	-	Strong-H	-	Strong-H
48					60	CO6	To understand the concept of Baseband Data Transmission & Band pass Modulation and De Modulation.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	Strong-H	-	Strong-H
49	SEM IV	070123411 - PR	T6184	Principles of Communication Lab	60	CO1	To observe the characteristics of Amplitude modulation & de-Modulation.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-	-	Strong-H	-	Strong-H
49					60	CO2	To observe the characteristics of Frequency modulation & de-Modulation.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-	-	Strong-H	-	Strong-H
49					60	CO3	To observe sampling and recover the appropriate input signal.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-	-	Strong-H	-	Weak-L
49					60	CO4	To observe the characteristics of ASK, FSK & PSK.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-	-	Strong-H	-	Strong-H
50	SEM IV	070123412 - PP	T6186	Integrated Disaster Management	60	CO1	Distinguish between the different approaches needed to manage pre-during and post- disaster periods	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M	Weak-L	-	Strong-H	Weak-L	-
50					60	CO2	Understand the process of risk / Emergency/Disaster Management Cycle	Weak-L	-	-	-	-	-	Moderate-M	Moderate-M	Strong-H	Weak-L	-	Moderate-M	Weak-L	-
50					60	CO3	Affirm the usefulness of integrating management principles in disaster mitigation work	-	-	-	-	-	-	-	Weak-L	Weak-L	Weak-L	-	Strong-H	Weak-L	-
50					60	CO4	Develop an understanding of the key concepts, definitions a key perspectives of All Hazards Emergency Management .	-	-	-	-	-	-	Weak-L	Weak-L	Strong-H	Weak-L	-	Moderate-M	Weak-L	-
50					60	CO5	Develop a basic under understanding of Prevention, Mitigation, Preparedness, Response and Recovery	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M	Weak-L	-	Moderate-M	Weak-L	-
51	SEM IV	070123413 - PP	T6188	Basic German I	60	CO1	Basic greetings and introducing yourself in German	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
51					60	CO2	Numbers, nationalities, languages, professions in German	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
51					60	CO3	Talking about freetime activities, likings, Family members	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
51					60	CO4	To be able to tell time, daily routine, classroom objeccts	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
52	SEM IV	070123414 - PP	T6186	Basic French I	60	CO1	To learn how to greet, start initial conversation with french speaking people/colleagues from France / Francophone countries.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
52					60	CO2	To be able to introduce oneself or someone else in french	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
52					60	CO3	To talk about ones likes, dislikes, activities, family etc.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
52					60	CO4	To be able to ask basic questions to get information related to managing oneself in France or francophone countries.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
52					60	CO5	To learn vocabulary related to objects, places around us, time etc.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-

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53	SEM IV	070123415 - PP	T6188	Basic Spanish I	60	CO1	To greet & introduce yourself in Spanish	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
53					60	CO2	Learning to form a simple sentences including numbers.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
53					60	CO3	Learning to talk about the likings in Spanish.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
53					60	CO4	Being able to tell the daily routine & to be able to do basic conversation in Spanish.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
54	SEM V	070123501 - PP	T7558	Microcontrollers and Applications	60	CO1	Analyze need of microprocessor and microcontrollers in embedded system.	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-
54					60	CO2	Understand architecture and features of a typical Microcontroller.	Strong-H	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-
54					60	CO3	Design software program for simple application of Microcontrollers.	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	-	-	-	-	-	-	-	Strong-H	-
54					60	CO4	Apply the knowledge of Microcontroller for interfacing of real world input and output devices.	Moderate-M	Weak-L	Moderate-M	-	Weak-L	-	-	-	Weak-L	-	-	-	-	Moderate-M
54					60	CO5	Study and demonstrate use of various hardware and software tools for developing microcontroller based applications	Weak-L	-	-	-	-	-	-	-	-	-	-	-	Moderate-M	Strong-H
55	SEM V	070123501 - PP	T7558	Microcontrollers and Applications	60	CO1	Analyze the need for microprocessors and microcontrollers in the embedded systems.	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-
55					60	CO2	Understand the architecture and features of a typical Microcontroller.	Strong-H	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-
55					60	CO3	Design software program for the simple application of Microcontrollers.	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	-	-	-	-	-	-	-	Strong-H	-
56	SEM V	070123502 - PR	TE7316	Microcontrollers and Applications Lab	60	CO1	Design software program and Interfacing for simple application of Microcontrollers.	Moderate-M	-	Strong-H	-	Strong-H	-	-	Weak-L	Weak-L	Weak-L	-	-	Moderate-M	Weak-L
56					60	CO2	Study and demonstrate use of various hardware and software tools for developing microcontroller based applications	Strong-H	-	Moderate-M	-	Strong-H	-	-	Weak-L	Weak-L	Weak-L	-	-	Moderate-M	Moderate-M
57	SEM V	070123503 - PP	TE7174	Digital Signal Processing	60	CO1	Define Discrete-Time (DT) signals and perform various operations on DT signals.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
57					60	CO2	Describe the concept of sampling and aliasing.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
57					60	CO3	Analyze discrete-time signals and systems using different transforms such as Z- transform and Discrete Fourier Transform (DFT).	Strong-H	Strong-H	-	Weak-L	-	-	-	-	-	-	-	-	Strong-H	Weak-L
57					60	CO4	Design digital filters using different methods.	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	Strong-H	Weak-L
57					60	CO5	Understand multi-rate sampling and Digital Signal Processing (DSP) processor.	Strong-H	Strong-H	Weak-L	Weak-L	-	-	-	-	-	-	-	-	Strong-H	Weak-L
57					60	CO6	Apply the concepts of DSP in speech and image processing.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Strong-H	Weak-L
58	SEM V	070123503 - PP	TE7174	Digital Signal Processing	60	CO1	Define Discrete Time (DT) signals and perform various operations on DT signals.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
58					60	CO2	Describe the concept of sampling and aliasing.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L

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58					60	CO3	Analyze discrete time signals and systems using different transforms such as Z- transform and Discrete Fourier Transform (DFT).	Strong-H	Strong-H	-	Weak-L	-	-	-	-	-	-	-	-	Strong-H	Weak-L
58					60	CO4	Design digital filters using different methods.	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	Strong-H	Weak-L
58					60	CO5	Understand multirate sampling and Digital Signal Processing (DSP) processor.	Strong-H	Strong-H	Weak-L	Weak-L	-	-	-	-	-	-	-	-	Strong-H	Weak-L
58					60	CO6	Apply the concepts of DSP in speech and image processing.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Strong-H	Weak-L
59	SEM V	070123504 - PR	T8000	Digital Signal Processing Lab	60	CO1	Demonstrate effect of sampling on reconstructed signals.	Strong-H	Strong-H	Weak-L	-	Moderate-M	-	-	-	-	-	-	-	Strong-H	Weak-L
59					60	CO2	Evaluate the system response using convolution sum and DFT-IDFT method.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	-	-	-	-	-	-	-	Strong-H	Weak-L
59					60	CO3	Apply the knowledge of Z-transform for solution of difference equation.	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	-	-	-	-	-	-	-	Strong-H	Weak-L
59					60	CO4	Design and implement IIR and FIR filters using different techniques.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Strong-H	Weak-L
60	SEM V	070123505 - PP	F0002	Power Electronics	60	CO1	Understand the principles of operation of power electronic devices	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Weak-L	-	Weak-L	-	-
60					60	CO2	Study and analyse the working principles of operation of power electronic ac to dc converters	Strong-H	Strong-H	Strong-H	-	-	Moderate-M	-	-	-	Moderate-M	-	Moderate-M	-	-
60					60	CO3	Develop operational understanding of the dc to ac converters(Inverters)	Strong-H	Strong-H	Strong-H	-	-	Moderate-M	-	-	-	Moderate-M	-	Moderate-M	-	-
60					60	CO4	analyse the working modes of operation for power electronic dc to dc and ac to ac converters and power controller	Strong-H	-	Strong-H	-	-	Moderate-M	-	-	-	Moderate-M	-	Moderate-M	-	-
61	SEM V	070123506 - PR	TE7291	Power Electronics Lab	60	CO1	Demonstrate the basic working and characteristics of Power electronics devices.	Strong-H	Moderate-M	Weak-L	-	Moderate-M	-	-	-	-	-	-	-	-	-
61					60	CO2	Understand the principles of operation and simulation of ac-dc rectifiers- R, RL, RL + FWD	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	-	-	-	-	-	-
61					60	CO3	Implement the principles of operation of triggering circuits	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	Moderate-M	Moderate-M	-	-	-	Moderate-M
61					60	CO4	Develop an understanding of the principles of operation and simulation of dc-dc converter - step down , dc-ac converter ac-ac converter	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	Moderate-M	Moderate-M	-	-	-	Moderate-M
62	SEM V	070123507 - PP	T7559	VLSI Design	60	CO1	Understand the VLSI design flow and Verilog modelling styles.	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-	-	-	-	Moderate-M	-
62					60	CO2	Develop the code for combinational and sequential circuits in Verilog HDL	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-	-	-	-	Moderate-M	-
62					60	CO3	Implement state machines using Verilog HDL.	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-	-	-	-	Moderate-M	-
62					60	CO4	Learn FPGA architecture, digital design flow using FPGAs, and other technologies associated with field programmable gate arrays.	Strong-H	-	-	-	Moderate-M	-	-	-	-	-	-	-	Moderate-M	-
63	SEM V	070123508 - PR	T7552	VLSI Design Lab	60	CO1	Understand the flow of Xilinx ISE Design Suite for implementation of verilog codes.	Strong-H	-	Strong-H	-	Strong-H	-	-	-	-	-	-	-	Moderate-M	-
63					60	CO2	Create models using different Verilog modeling styles.	Strong-H	-	Strong-H	-	Strong-H	-	-	-	-	-	-	-	Moderate-M	-

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68					60	CO3	To apply their skills and knowledge beyond the classroom in real life situations	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	Strong-H	-	-	Moderate-M	-	Moderate-M
68					60	CO4	To stimulate sense of caring in students	-	-	-	-	-	-	-	-	-	Moderate-M	-	Moderate-M	-	-
69	SEM VI	070123601 - PP	F0004	Internship 6 months	60	CO1	Explore career interests and alternatives before graduation.	-	-	-	-	-	-	-	-	-	-	-	Strong-H	-	Moderate-M
69					60	CO2	Integrate theory with practice.	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	-	-
69					60	CO3	Assess interests, subject knowledge and skill sets.	-	-	-	-	Strong-H	-	-	-	-	-	-	-	Moderate-M	Moderate-M
69					60	CO4	Develop a work ethic and attitudes needed for successful career	-	-	-	-	-	-	-	Strong-H	Strong-H	-	-	-	-	-
69					60	CO5	Build strong communication and interpersonal skills	-	-	-	-	-	-	-	-	Strong-H	Strong-H	-	-	-	-
69					60	CO6	Gain useful work experience.	-	-	-	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	Strong-H
70	SEM VI	070123602 - PP	T7908	Seminar	60	CO1	Demonstrate competence in identifying relevant information on the given topics.	Strong-H	-	-	-	Moderate-M	-	-	-	-	-	-	Strong-H	-	-
70					60	CO2	Utilise visual and audio-visual methods to support their presentation.	-	-	-	-	-	-	-	-	-	Strong-H	-	-	Strong-H	-
70					60	CO3	Speak clearly and effectively and in a concise manner.	-	-	-	-	-	-	-	-	-	Strong-H	-	-	-	-
70					60	CO4	Present information in a well structured format.	-	-	-	-	-	-	-	-	-	Strong-H	-	-	-	-
70					60	CO5	Listen attentively to the presentations of peers to be able to respond effectively and participate in meaning discussions on the subject.	Strong-H	-	-	-	-	-	-	-	Moderate-M	-	-	-	-	-
71	SEM VI	070123603 - PP	T2658	Global Immersion Program	60	CO1	Explore career interests and alternatives before graduation.	-	-	-	-	-	-	-	-	-	-	-	Strong-H	-	Moderate-M
71					60	CO2	Integrate theory with practice.	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	-	-
71					60	CO3	Assess interests, subject knowledge and skill sets.	-	-	-	-	Strong-H	-	-	-	-	-	-	-	Moderate-M	Moderate-M
71					60	CO4	Develop a work ethic and attitudes needed for successful career	-	-	-	-	-	-	-	Strong-H	Strong-H	-	-	-	-	-
71					60	CO5	Build strong communication and interpersonal skills	-	-	-	-	-	-	-	-	Strong-H	Strong-H	-	-	-	-
71					60	CO6	Gain useful work experience.	-	-	-	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	Strong-H
72	SEM VI	070123604 - PP	T7802	Internship (6-8 weeks)	60	CO1	Explore career interests and alternatives before graduation.	-	-	-	-	-	-	-	-	-	-	-	Strong-H	-	Moderate-M
72					60	CO2	Integrate theory with practice.	Strong-H	-	-	-	-	-	-	-	-	-	-	Strong-H	-	-
72					60	CO3	Assess interests, subject knowledge and skill sets.	-	-	-	-	Strong-H	-	-	-	-	-	-	-	Moderate-M	Moderate-M
72					60	CO4	Develop a work ethic and attitudes needed for successful career	-	-	-	-	-	-	-	Strong-H	Strong-H	-	-	-	-	-
72					60	CO5	Build strong communication and interpersonal skills	-	-	-	-	-	-	-	-	Strong-H	Strong-H	-	-	-	-
72					60	CO6	Gain useful work experience.	-	-	-	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	Strong-H
73	SEM VI	070123605 - PP	TE7426	Project Management	60	CO1	Analyse various facets of a project and its management.	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
73					60	CO2	Develop project plan using appropriate technique like Gantt chart, CPM & PERT.	-	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	Moderate-M	-	-	-	-	-
73					60	CO3	Understand human resource management in projects from both client and server point of views.	-	Moderate-M	-	Moderate-M	-	Moderate-M	-	Moderate-M	Moderate-M	-	-	-	-	-

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73					60	CO4	Select method for effective material management, express ethical practices in project management and restate general and special conditions of contract document.	Moderate-M	Moderate-M	-	Moderate-M	-	Moderate-M	-	-	-	-	-	-	-	-	-
73					60	CO5	Describe laws of economics applicable to project.	Moderate-M	Moderate-M	-	-	-	-	-	Moderate-M	Moderate-M	-	-	Moderate-M	-	-	-
73					60	CO6	Formulate budget, actual expenditures and profits in a project.	Moderate-M	Moderate-M	-	-	-	-	-	Moderate-M	Moderate-M	-	-	Strong-H	-	-	-
74	SEM VI	070123606 - PP	T7802	Software Testing and Quality Assurance	60	CO1	Explain different software testing approaches and their significance.	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	Moderate-M	-	-
74					60	CO2	Design test cases using different test case design strategies	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	-	-
74					60	CO3	Describe and select different software life cycle models.	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	-	-
74					60	CO4	Describe various software quality attributes	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	Weak-L	Moderate-M	-	-
75	SEM VI	070123607 - PR	T6774	Software Testing and Quality Assurance Lab	60	CO1	Use of different software testing approaches	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	Moderate-M	-	-
75					60	CO2	Study of different test case design strategies	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	-	-
75					60	CO3	study of various software testing approaches	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	-	-
76	SEM VIII	070123801 - PR	T7912	B.Tech Project	60	CO1	Use the available resources on the subject to identify problems and propose innovative solutions.	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-
76					60	CO2	Design and build socially relevant projects that meet the stated specifications.	-	-	-	Strong-H	-	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Strong-H
76					60	CO3	Prepare and manage schedules and budgets that will ensure that projects are completed on time and within the planned budget.	-	-	-	-	Strong-H	-	-	-	-	Moderate-M	Strong-H	-	-	-	-
76					60	CO4	Use the latest available software and hardware tools effectively to simulate, design, fabricate and test the performance of the product	-	-	-	-	-	-	-	-	-	-	-	-	Strong-H	-	-
76					60	CO5	Communicate ideas and solutions effectively both verbally and in writing.	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	-	-	-	-	-
76					60	CO6	Act with integrity, show initiative and leadership and accept responsibility while working towards stated goals	-	-	-	-	-	-	Strong-H	-	Strong-H	-	-	-	-	-	-
77	SEM VIII	070123802 - PP	T7802	Advanced Communication Systems	60	CO1	Understand the basics of wireless and cellular communications.	Strong-H	Strong-H	Weak-L	-	Moderate-M	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	-	-
77					60	CO2	Illustrate fading, multipath and wave propagation model.	Strong-H	Moderate-M	Weak-L	-	Moderate-M	-	-	-	Moderate-M	Moderate-M	-	Weak-L	Strong-H	-	-
77					60	CO3	Analyze Satellite Communication working and orbital mechanics.	Moderate-M	Strong-H	Weak-L	-	Moderate-M	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	-	-
77					60	CO4	Design the link budget equation of a satellite link	Strong-H	Strong-H	Weak-L	-	Moderate-M	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	-	-
77					60	CO5	Introduce to the concept of optical communication	Weak-L	Weak-L	Weak-L	-	-	-	-	-	-	-	-	-	Strong-H	-	-
77					60	CO6	List out the transmission characteristic of optical fibers and their significance.	Weak-L	Weak-L	Weak-L	-	-	-	-	-	-	-	-	-	Strong-H	-	-

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78	SEM VIII	070123803 - PP	T7473	Computer Communication Networks	60	CO1	Explain Data Communication Systems, its components and the layers of the OSI model and TCP/IP.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-
78					60	CO2	Enumerate physical layer and understand error detection and control mechanisms in data link layer.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	Weak-L	Weak-L	-
78					60	CO3	Understand IP addressing in network layer and routing protocols in transport layer.	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-
78					60	CO4	Describe the function of SMTP,SNMP, WWW, Email, HTTP and their related services.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	Weak-L	Weak-L	-
78					60	CO5	Introduce wireless adhoc networks and Multimedia in networking	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-
78					60	CO6	Discuss issues related to security for computer network like confidentiality, integrity and availability.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	Weak-L	Weak-L	-
79	SEM VIII	070123804 - PP	T7804	Fundamentals of Digital Image Processing	60	CO1	Demonstrate understanding of basic concepts of two dimensional signal acquisition, sampling and quantization.	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
79					60	CO2	Demonstrate understanding of fundamental image manipulations such as histogram stretching, histogram equalization, contrast enhancement, log transforms and image negatives, and spatial filtering techniques.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
79					60	CO3	Demonstrate understanding of 2D Fourier transform, 2D FFT and filtering images in Fourier domain.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
79					60	CO4	Demonstrate understanding of image morphology that includes image manipulation using set theory.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
79					60	CO5	Understand concepts in image segmentation.	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
79					60	CO6	Describe the basic issues and the scope of image processing, and the roles of image processing and systems in a variety of applications	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	-	-	-	Strong-H	Weak-L
80	SEM VIII	070123805 - PR	T7674	Advanced Communication Systems Lab	60	CO1	Conceptualize the design aspects and transmission characteristics of a fiber optic link	Moderate-M	Strong-H	-	-	Moderate-M	-	-	-	Moderate-M	Moderate-M	-	Weak-L	Strong-H	-	-
80					60	CO2	Determine losses in optical fiber with relevant test set-up.	Moderate-M	Moderate-M	-	-	Moderate-M	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	-	-
80					60	CO3	Study the numerical aperture of optical fiber.	Moderate-M	Weak-L	-	-	Weak-L	-	-	-	Moderate-M	Moderate-M	-	Weak-L	Strong-H	-	-
80					60	CO4	Plot the characteristics of fiber optic LED's and photo detector.	Moderate-M	Moderate-M	-	-	Moderate-M	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	-	-
80					60	CO5	Simulate a wireless communications link with various channel models in a multiple access environment.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	Strong-H	-
80					60	CO6	Simulate a satellite link and carry out a case study on designing a link budget.	Strong-H	Strong-H	-	-	Moderate-M	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	Strong-H	-	-
81	SEM VIII	070123806 - PR	T7112	Computer Communication Networks Lab	60	CO1	Get practical knowledge about various network components.	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-
81					60	CO2	Troubleshoot networking problems using various techniques	Moderate-M	Weak-L	-	Weak-L	-	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	-	-	-
81					60	CO3	Construct straight and cross cabling.	Moderate-M	Moderate-M	-	-	Weak-L	-	-	-	Moderate-M	-	-	-	-	-	-

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85					60	CO4	Apply various constraints(Throughput, Latency and Critical path) to optimize the speed of the digital design	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	Moderate-M	-
85					60	CO5	Analyze the effect of various modeling styles on area and power requirement of the design.	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	Moderate-M	-
85					60	CO6	Apply various constraints for simulation and synthesis of digital system design.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Technology Programme Name : Bachelor of Technology (Information Technology)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Engineering Knowledge:Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Problem Analysis:Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	Design/Development of solutions:Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4	GA1	Scholarship: research, inquiry and lifelong learning	PO4	Conduct investigations of complex problems:Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Modern Tool Usage:Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	The Engineer and Society:Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7	GA3	Eco-literate: sensitivity towards a sustainable environment	PO7	Environment and Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8	GA2	Global citizenship: ethical, social and professional understanding	PO8	Ethics:Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO9	Individual and Team Work:Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

10	GA2	Global citizenship: ethical, social and professional understanding	PO10	Communication:Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11	GA1	Scholarship: research, inquiry and lifelong learning	PO11	Project Management and Finance:Demonstrate knowledge and understanding of the engineering and management principles and apply these to one’s own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12	GA1	Scholarship: research, inquiry and lifelong learning	PO12	Life long Learning:Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
13	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO13	Engineering and Practical Knowledge: To apply the concepts of computer engineering and practical knowledge in analysis, design and development of computing systems and applications to multi-disciplinary problems.
14	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO14	Cutting Edge Technology: To provide a concrete foundation to the students in the cutting edge areas of Computer Science Engineering and further help them in excelling in the chosen areas of advanced computer scienceareas like Machine Learning, Algorithms, Data Science, Internet of Things, Computing and Data Security and privacy.control, Biomedical Engineering, Advanced Communication System, Renewable Energy Systems, Robotics and Automation, and Computer Vision.

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1	SEM I	070124101-PP	TE7168	Engineering Mathematics -I	60	CO1	Apply successive differentiation to find nth derivative, indeterminate forms and series expansion of functions.	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
1					60	CO2	Apply the concepts of partial differentiations to solve problems on homogeneous functions, Jacobians and maxima & minima.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
1					60	CO3	Evaluate integrals using reduction formulae and improper integral using DUIS rule and beta-gamma function.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
1					60	CO4	Test the convergence of series of positive terms, by using appropriate tests and find Fourier series expansion of periodic functions.	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
1					60	CO5	Evaluate rank of a matrix, Eigen values and Eigen vectors. Find inverse using Caley Hamilton theorem and solve system of simultaneous equations.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
2	SEM I	070124101-PR	TE7168	Engineering Mathematics -I	60	CO1	Apply successive differentiation to find nth derivative, indeterminate forms and series expansion of functions.	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
2					60	CO2	Apply the concepts of partial differentiations to solve problems on homogeneous functions, Jacobians and maxima & minima.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
2					60	CO3	Evaluate integrals using reduction formulae and improper integral using DUIS rule and beta-gamma function.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
2					60	CO4	Test the convergence of series of positive terms, by using appropriate tests and find Fourier series expansion of periodic functions.	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
2					60	CO5	Evaluate rank of a matrix, Eigen values and Eigen vectors. Find inverse using Caley Hamilton theorem and solve system of simultaneous equations.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-

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3	SEM I	070124102-PP	T7391	Physics	60	CO1	Understand the origin and nature of electric field and electric lines of force and calculate the flux through various surfaces.	Moderate-M	Moderate-M	Weak-L	-	Weak-L	-	-	-	Weak-L	-	-	Weak-L	-	-
3					60	CO2	Explain the electric properties of various materials.	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-	-	Weak-L	-	-	Moderate-M	Weak-L	-
3					60	CO3	Understand the origin and nature of magnetic lines of force.	Moderate-M	Moderate-M	Weak-L	-	Weak-L	-	-	-	Weak-L	-	-	Weak-L	-	-
3					60	CO4	Explain the behaviour of various materials in magnetic field and nature of magnetic media.	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-	-	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
3					60	CO5	correlate the relation between electric and magnetic fields and understand and interpret the Maxwell's equations	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-	-	Weak-L	-	-	Moderate-M	-	Weak-L
4	SEM I	070124103-PP	TE7288	Programming in C	60	CO1	Understand the basic concepts of C Programming for problem-solving such as C data types, syntax and constructs, decision making, branching and looping statements.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
4					60	CO2	Understand the concept of Array and Strings to solve different problems.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
4					60	CO3	Apply the concepts of Function modules, its usage.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
4					60	CO4	Understand the concepts of structures and unions: declaration, initialization and implementation.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
4					60	CO5	Understands the concept of pointers, declarations, initialization, operations on pointers and memory allocation using dynamic memory management functions	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
4					60	CO6	Understand file handling concept to show input and output of files in C	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	Weak-L	Moderate-M	Weak-L	Weak-L
5	SEM I	070124104-PP	T7383	Communication Skills	60	CO1	Identify/ Recognize the barriers to effective communication in accordance with all types of communication; avoid or overcome them.	-	-	-	-	-	-	-	Moderate-M	Strong-H	Strong-H	-	Strong-H	-	-
5					60	CO2	Constructing sentences effectively using grammar and vocab	-	-	-	-	-	-	-	Moderate-M	Strong-H	Strong-H	-	Strong-H	-	-
5					60	CO3	Communicate/ express effectively in a range of settings.	-	-	-	-	-	-	-	Moderate-M	Weak-L	Strong-H	-	Moderate-M	-	-
5					60	CO4	Employ etiquettes in oral and written communication.	-	-	-	-	-	-	-	Moderate-M	Weak-L	Strong-H	-	Strong-H	-	-
5					60	CO5	Demonstrate the basics of writing skills and use in business and technical correspondence	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	-	Moderate-M	-	-
6	SEM I	070124105-PP	TE7188	Environmental Science	60	CO1	Understand about sustainable technologies for resource conservation	Strong-H	Weak-L	Weak-L	-	-	Moderate-M	Strong-H	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
6					60	CO2	Identify sources, effects and remedial measures for different pollutions	Weak-L	-	-	-	-	Weak-L	Weak-L	-	Weak-L	-	-	Weak-L	Moderate-M	-
6					60	CO3	Identify and formalize a generalized water and wastewater treatment process	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	-	-	-	-	Moderate-M	Strong-H	Strong-H
6					60	CO4	Identify various sources of solid wastes, their effects and latest management techniques	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-	Strong-H	Strong-H
6					60	CO5	Know about existing environmental laws and legislations and related case studies.	Moderate-M	Weak-L	-	Weak-L	-	Moderate-M	Moderate-M	-	-	Weak-L	-	Weak-L	-	-

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7	SEM I	070124106 - PR	TE7300	Tinker Lab	60	CO1	Relate fundamental concepts/laws of science and engineering	Moderate-M	Weak-L	-	-	-	-	-	-	Strong-H	Weak-L	-	Weak-L	Weak-L	-
7					60	CO2	Practice pre-achieved skills on hardware and devices	Weak-L	-	-	-	-	-	-	-	Weak-L	Weak-L	-	Weak-L	Weak-L	-
7					60	CO3	Take apart and reassemble and/or repairing of engineering gadgets	Weak-L	-	-	-	-	-	-	Weak-L	Weak-L	-	-	Weak-L	-	-
7					60	CO4	Explore various aspects of tinkered devices/instruments	Weak-L	-	-	-	-	-	-	-	Moderate-M	-	-	Moderate-M	-	-
7					60	CO5	Design and make models out of creativity using raw material	Weak-L	-	-	Weak-L	-	-	-	-	Strong-H	Moderate-M	-	-	-	-
8	SEM I	070124107 - PR	T7392	Physics lab	60	CO1	Enhancing the problem analyzing aptitude by means of learning troubleshooting electrical circuits or setting of optical instruments	Strong-H	Strong-H	-	Moderate-M	-	Weak-L	-	Moderate-M	Strong-H	-	-	Moderate-M	Weak-L	-
8					60	CO2	Data analysis, interpretation and drawing inferences	Strong-H	Moderate-M	-	-	-	-	-	Weak-L	Strong-H	-	-	Moderate-M	Weak-L	-
8					60	CO3	Promoting individual and team work skills	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-	Weak-L	-	-	Moderate-M	Weak-L	-
8					60	CO4	Inculcating ethics while recording (true) observations	Weak-L	-	-	-	-	-	-	-	Weak-L	-	-	Weak-L	Weak-L	-
8					60	CO5	Teaching project management by learning to make the best use of available resources	Weak-L	Moderate-M	-	Moderate-M	-	-	-	-	Weak-L	-	-	Weak-L	Weak-L	-
9	SEM I	070124108 - PR	TE7139	Communication Skills Lab	60	CO1	Express ideas and concepts well through vocabulary building, aptitude tests, mind mapping and brain storming.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-
9					60	CO2	Demonstrate linguistic competence-through accuracy in grammar, pronunciation and vocabulary.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-
9					60	CO3	Sketch their creative side in formal as well as informal communication	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	Weak-L	Weak-L	-	-
9					60	CO4	Employ etiquettes in oral and written communication.	-	-	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L	Weak-L	-	-
9					60	CO5	Modify their listening skills.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-
9					60	CO6	Sketch their articulation while participating in Group discussions, debate or job interviews.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-
10	SEM I	070124109 - PR	TE7289	Programming in C Lab	60	CO1	Understand the programming in IDE (Integrated Development Environment) and write, execute and debug simple programs.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
10					60	CO2	Interpret the programming tasks logically and understand making the pseudo-code and flowchart.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
10					60	CO3	Design and implement basic programming solutions including statements, macros, control structures and methods.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
10					60	CO4	Understand and apply the concept of Array and Strings to solve problem statement.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
10					60	CO5	Understand the concepts of Function modules, its usage and memory allocation using Pointers	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
10					60	CO6	Understand and apply the concepts of structures and unions: declaration, initialization and implementation.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	-	Weak-L	Moderate-M	Weak-L	Weak-L
11	SEM I	070124110 - PP	T6773	Creative Thinking	60	CO1	Understand the importance of right brain directed thinking complementing left brain directed thinking	-	Strong-H	Weak-L	-	-	-	-	Strong-H	Weak-L	Strong-H	-	Moderate-M	-	-

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15	SEM II	070124203 - PP	T7381	Chemistry	60	CO1	understand different terms and numericals related to water treatment, and apply different techniques for the same	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	Weak-L	-
15					60	CO2	understand the basic concept in polymer chemistry and describe types, mechanism and properties of polymers and composites	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	Weak-L	-
15					60	CO3	apply the concepts related to various spectroscopic analysis techniques	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	Weak-L	-
15					60	CO4	describe different thermodynamic concepts and solve basic problems in electrochemistry	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15					60	CO5	understand the basic concepts related to Green chemistry, environmental chemistry and non-conventional energy sources	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	Weak-L	-
15					60	CO6	describe the concepts related to fuel chemistry, solve numerical problems and understand the basic concepts in Energy science and Nanomaterials	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	Weak-L	-
16	SEM II	070124204 - PR	T7924	Engineering Graphics	60	CO1	Understand and draw projections of points (0D) located in four quadrants	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16					60	CO2	Visualize, plan and draw projections of lines (1D) and planes (2D) (inclined to both planes of projection)	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-	-
16					60	CO3	Visualize and draw projections of regular solids (3D) (inclined to both planes of projection) and sections of regular solids (front view, top view and true shape)	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-
16					60	CO4	Visualize and communicate 3D regular/irregular shapes as 2D engineering drawings and vice versa using orthographic/isometric/development principles	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-	-
17	SEM II	070124205 - PP	TE7286	Programming and Problem Solving	60	CO1	Understand and develop Computational Thinking concepts	Moderate-M	Weak-L	Weak-L	Weak-L	-	-	-	-	-	-	-	-	-	-	-
17					60	CO2	Understand the programming in IDE (Integrated Development Environment) and write, execute and debug simple programs.	Weak-L	Weak-L	-	Weak-L	Moderate-M	-	-	-	Strong-H	-	-	-	-	-	-
17					60	CO3	Understand basic Python Programming, functions, patterns, algorithmic constructs etc.	Weak-L	Weak-L	-	Weak-L	Moderate-M	-	-	-	Strong-H	-	-	-	-	-	-
17					60	CO4	Understand and apply object oriented programming concepts	Weak-L	Moderate-M	-	Weak-L	Moderate-M	-	-	-	Strong-H	-	-	-	-	-	-
18	SEM II	070124206 - PR	T7593	Basic Electrical and Electronics Engineering Lab	60	CO1	Understand the need of various safety precautions to be undertaken while working with electrical equipment and learn different wiring components and wiring schemes.	Moderate-M	-	-	-	Strong-H	-	-	-	Strong-H	Weak-L	-	Weak-L	-	-	Weak-L
18					60	CO2	Apply the knowledge of relevant laws and principles and familiarize with different theorems and analytical approaches for solving a given electric circuit.	-	-	-	-	Strong-H	-	-	-	Strong-H	Weak-L	-	Weak-L	-	-	Weak-L

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18					60	CO3	Develop a clear understanding of the characteristics of basic semiconductor devices like, pn junction diode, Zener Diode and BJTs, their different configurations and applications.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Strong-H	Weak-L	-	Weak-L	-	Weak-L	
18					60	CO4	Use and understand different controls of equipment's like CRO and DMM.	Moderate-M	Moderate-M	-	-	Strong-H	-	-	-	Strong-H	Weak-L	-	Weak-L	-	Weak-L	
19	SEM II	070124207 - PR	T7382	Chemistry Lab	60	CO1	examine water samples for different parameters through experimentation	Strong-H	Strong-H	-	-	-	Weak-L	-	-	Moderate-M	-	-	-	Weak-L	-	
19					60	CO2	understand the preparation of condensation polymers and finding molecular weight of polymer	Strong-H	-	-	-	-	-	-	-	Weak-L	-	-	-	Weak-L	-	
19					60	CO3	understand basic experimentation related to adsorption and chromatography	Strong-H	-	-	-	-	-	-	-	Weak-L	-	-	-	-	-	
19					60	CO4	apply basic concepts in spectroscopic analysis	Strong-H	Weak-L	-	-	-	-	-	-	Weak-L	-	-	-	Weak-L	-	
19					60	CO5	write effectively the results of experimentation and develop team working skills	-	Weak-L	-	-	-	-	-	-	Weak-L	-	-	-	Moderate-M	-	
20	SEM II	070124208 - PP	T6732	Critical Thinking	60	CO1	Make better decisions based on logical thinking,	-	Strong-H	Weak-L	Moderate-M	-	-	-	-	Weak-L	-	-	-	Moderate-M	-	
20					60	CO2	Identify and evaluate facts in an argument,	-	Strong-H	Weak-L	Moderate-M	-	-	-	-	Weak-L	-	-	-	Moderate-M	-	
20					60	CO3	Derive truth , ambiguity, vagueness and fallacy in arguments	-	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	-	-	-	Moderate-M	-	
20					60	CO4	Design questions to reach conclusions.	-	Weak-L	Weak-L	Weak-L	-	-	-	-	-	-	-	-	Weak-L	-	
21	SEM II	070124209 - PR	TE7287	Programming and Problem Solving Lab	60	CO1	Understand and develop Computational Thinking concepts	Moderate-M	Moderate-M	-	-	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M
21					60	CO2	Express a problem-solving strategy to breakdown a complex problem into a series of simpler tasks	Moderate-M	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M
21					60	CO3	Describe python programs that appropriately utilize built-in functions and control flow statements	Moderate-M	Moderate-M	-	-	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M
21					60	CO4	Use functions for structuring Python programs.	Moderate-M	Moderate-M	-	-	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M
21					60	CO5	Represent compound data using Python lists, tuples, dictionaries	Moderate-M	Moderate-M	-	-	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M
21					60	CO6	Understand and apply object oriented programming concepts.	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M
22	SEM II	070124210 - PR	TE7396	Software Tools	60	CO1	Create formula with absolute and relative cell references using MS-Excel tool	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Weak-L	-	-
22					60	CO2	Understand the functioning of various MS-Excel command	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	Weak-L	-	-
22					60	CO3	Demonstrate the ability to use PowerPoint and its application	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	-	-	Strong-H	Moderate-M	-	-	Weak-L	-	-
22					60	CO4	Analyze the data by using statistical functions using MS-Excel tool	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Weak-L	-	-
22					60	CO5	Create microsoft outlook profiles to configure it with an email account.	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	-	-	-	-	-	-	-	Weak-L	-	-
23	SEM III	070122301 - PP	T7995	Discrete Mathematics and Probability Theory	60	CO1	Apply the concept of Venn Diagram to solve problems.	Moderate-M	Strong-H	Weak-L	-	-	-	-	-	Strong-H	-	-	-	Moderate-M	-	-

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23					60	CO2	Describe the use of formal logic proofs and logical reasoning to solve problems.	Moderate-M	Strong-H	Moderate-M	Weak-L	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
23					60	CO3	Summarize the characteristics of relations.	Moderate-M	Strong-H	Moderate-M	-	-	Weak-L	-	-	Strong-H	-	-	Moderate-M	-	-
23					60	CO4	Review the basics concepts of groups and rings.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
23					60	CO5	Explain the concepts of permutation, combination and discrete probability.	Moderate-M	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	Strong-H	-	-	Moderate-M	-	-
23					60	CO6	Compute probabilities using probability distributions (discrete and continuous).	Strong-H	Strong-H	Strong-H	Moderate-M	-	Weak-L	Weak-L	-	Strong-H	-	-	Moderate-M	-	-
24	SEM III	070122301 - TUT	T7995	Discrete Mathematics and Probability Theory	60	CO1	Apply the concept of Venn Diagram to solve problems.	Moderate-M	Strong-H	Weak-L	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
24					60	CO2	Describe the use of formal logic proofs and logical reasoning to solve problems	Moderate-M	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	Strong-H	-	-	Moderate-M	-	-
24					60	CO3	Summarize the characteristics of relations	Moderate-M	Strong-H	Moderate-M	-	-	Weak-L	-	-	Strong-H	-	-	Moderate-M	-	-
24					60	CO4	Review the basics concepts of groups and rings.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
24					60	CO5	Explain the concepts of permutation, combination and discrete probability.	Moderate-M	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	Strong-H	-	-	Moderate-M	-	-
24					60	CO6	Compute probabilities using probability distributions (discrete and continuous).	Strong-H	Strong-H	Strong-H	Moderate-M	-	Weak-L	Weak-L	-	Strong-H	-	-	Moderate-M	-	-
25	SEM III	070122302 - PP	T7906	Programming Paradigms	60	CO1	Discuss various types of programming languages.	Moderate-M	-	-	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	-
25					60	CO2	Illustrate procedural programming concepts like arrays, type conversion, control statements and functions.	Strong-H	Weak-L	Moderate-M	Weak-L	-	-	-	-	Weak-L	-	-	Moderate-M	Strong-H	-
25					60	CO3	Explain object-oriented programming concepts like classes, objects, static members, friend functions, constructors, and destructors.	Strong-H	Strong-H	Moderate-M	Strong-H	-	-	-	-	Strong-H	-	-	Strong-H	Strong-H	Moderate-M
25					60	CO4	Express the concept of polymorphism, inheritance, and virtual functions using real-world examples.	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	Strong-H	-	-	Strong-H	Strong-H	Moderate-M
25					60	CO5	Discuss basic concepts of Python, decision making, functions and object-oriented programming using Python	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H	Strong-H
25					60	CO6	Infer the concepts of logic programming.	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-	-	Moderate-M	-
26	SEM III	070122303 - PR	T7512	Programming Paradigms Lab	60	CO1	Express problem-solving strategy to breakdown a complex problem into a series of simpler tasks	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L
26					60	CO2	Demonstrate the concepts of classes, objects and constructors for problem-solving actions through C++ programs	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L
26					60	CO3	Express C++ programs that appropriately utilize compile time and run time polymorphism	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L
26					60	CO4	Demonstrate how to achieve reusability using different types of inheritance	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L

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30					60	CO4	Design combinational circuits such as half adder, full adder, half subtractor, full subtractor, BCD adder, parity generator/checker, magnitude comparator, multiplexers and de-multiplexers, etc.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	
30					60	CO5	Explain the concept of synchronous and asynchronous sequential circuits like flip flops, latches and apply the concepts of flip flops to design registers and counters.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
31	SEM III	070122308 - PR	T2646	Digital Electronics and Logic Design Lab	60	CO1	Construct various gates using universal gates.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
31					60	CO2	Build a full adder using half adder	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
31					60	CO3	Build a full subtractor using half adder.	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
31					60	CO4	Perform BCD addition and design BCD adder.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
31					60	CO5	Design and implement a binary to Gray code converter	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
31					60	CO6	Design and implement a gray code to binary code converter.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
31					60	CO7	Design combinational circuit such as magnitude comparator.	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
31					60	CO8	Implement the Sum of Products/Product of Sum (SOP/POS) form optimally using 8:1 multiplexer.	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
31					60	CO9	Design demultiplexer using logic gates.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
31					60	CO10	Design sequential circuits.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
32	SEM III	070122309 - PP	T7513	Entrepreneurship	60	CO1	To familiarize the students with basics of entrepreneurship, its advantages & challenges.	-	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	-	-	Moderate-M	-	-	-	-	-	
32					60	CO2	To understand foundation of starting a business - from generating an idea to its implementation.	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	
32					60	CO3	To identify various institutions supporting business ventures including government support.	-	-	Weak-L	-	Moderate-M	Weak-L	-	-	Weak-L	Moderate-M	-	Weak-L	Weak-L	-	
33	SEM III	070122310 - PP	TE7257	Service Learning	60	CO1	To promote learning through active participation.	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	Strong-H	Moderate-M	-	Moderate-M	-	-	
33					60	CO2	To provide structured time to students to think, discuss and implement from their past experiences.	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	Moderate-M
33					60	CO3	To apply their skills and knowledge beyond the classroom in real life situations	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	Strong-H	-	-	Moderate-M	-	-	Moderate-M
33					60	CO4	To stimulate sense of caring in students.	-	-	-	-	-	-	-	-	-	Moderate-M	-	Moderate-M	-	-	
34	SEM IV	070122401 - PP		Engineering Mathematics.III	60	CO1	Evaluate gradient, divergence, curl, directional derivatives and establish vector identities	Strong-H	Moderate-M	-	-	-	-	-	-	Weak-L	-	-	Strong-H	-	-	
34					60	CO2	Discuss Green's theorem, Gauss divergence theorem and Stoke's theorem	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-	
34					60	CO3	Differentiate functions of complex variables and find the harmonic conjugate. Discuss bilinear transformation	Strong-H	Weak-L	-	-	-	-	-	-	Moderate-M	-	-	Strong-H	-	-	

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34					60	CO4	Use Cauchy's residue theorem, Cauchy's integral theorem and Cauchy's integral formula to evaluate contour integrals	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
34					60	CO5	Apply Fourier transform to solve boundary value problems such as heat equation, wave equation	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
34					60	CO6	Apply Z-transform to solve difference equations	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
34					60	CO7	Describe the nature of partial differential equations and solve partial differential equations	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
35	SEM IV	070122402 - PP		Operating Systems	60	CO1	Demonstrate the understanding of fundamental Operating Systems concepts.	-	-	-	-	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M
35					60	CO2	Understand the concept of process and thread management and apply the CPU scheduling algorithm to solve problems.	Strong-H	Weak-L	Moderate-M	-	-	-	-	-	Weak-L	Weak-L	-	-	Moderate-M	Moderate-M
35					60	CO3	Explain and apply the concept of process synchronization, mutual exclusion and the deadlock.	Strong-H	Strong-H	Moderate-M	Strong-H	-	-	-	-	Weak-L	Weak-L	-	Weak-L	-	-
35					60	CO4	Discuss various memory management techniques and apply memory page replacement algorithms to solve problems	-	Strong-H	Moderate-M	Moderate-M	-	-	-	-	Moderate-M	Weak-L	-	Weak-L	Moderate-M	Moderate-M
35					60	CO5	Understanding of the concepts of file management by Operating System.	Weak-L	Strong-H	Moderate-M	Weak-L	-	-	-	-	Moderate-M	Weak-L	-	Weak-L	Moderate-M	Moderate-M
35					60	CO6	Discuss the management of I/O devices by Operating System.	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	Weak-L	Moderate-M	Moderate-M
36	SEM IV	070122403 - PP		Java Programming	60	CO1	Understand the fundamentals of object-oriented programming in Java, including defining classes, objects, invoking methods etc.	Weak-L	Weak-L	Moderate-M	Moderate-M	Weak-L	-	-	-	Weak-L	-	-	-	Weak-L	Moderate-M
36					60	CO2	Demonstrate the concept and usage of inheritance, interface and packages in Java	Weak-L	Strong-H	Strong-H	Strong-H	Weak-L	-	-	-	Weak-L	-	-	-	Weak-L	Moderate-M
36					60	CO3	Illustrate the concept of exception handling in Java with examples	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Moderate-M
36					60	CO4	Summarize the concept of event handling in AWT and Swings and develop GUI applications in java.	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Moderate-M
36					60	CO5	Explain the concept of Multi threading, Sockets and Remote Method Invocation (RMI) in Java.	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Moderate-M
36					60	CO6	Demonstrate the usage of basic Java language syntax and semantics by writing java programs.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	Strong-H	-	Weak-L	Weak-L	Moderate-M	Moderate-M
37	SEM IV	070122404 - PR	TE7170	Java Programming Lab	60	CO1	Understand and demonstrate the fundamentals of object-oriented programming in Java, like defining classes, objects, invoking methods etc.	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	-	-	Strong-H	-	Weak-L	Weak-L	Moderate-M	Moderate-M
37					60	CO2	Demonstrate the concept and usage of inheritance, interface and packages in Java.	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Moderate-M
37					60	CO3	Illustrate practically the concept of exception handling in Java.	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Moderate-M
37					60	CO4	Summarize the concept of event handling in AWT and Swings and develop GUI applications in java.	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Moderate-M

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37					60	CO5	Demonstrate the concept of Multithreading, Sockets and Remote Method Invocation (RMI) in Java.	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Weak-L	-	-	-	Weak-L	Moderate-M
37					60	CO6	Demonstrate the usage of basic Java language syntax and semantics by writing java programs.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Strong-H	-	Weak-L	Weak-L	Moderate-M	Moderate-M
38	SEM IV	070122405 - PP		Data Structures	60	CO1	Design and implement abstract data types such as linked list, stack, queue using dynamic implementations.	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	Weak-L	Moderate-M	Weak-L	Weak-L	-	Weak-L	-
38					60	CO2	Illustrate the concepts of tree and understand different tree traversal Algorithms.	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	Weak-L	Moderate-M	Moderate-M	Weak-L	-	Moderate-M	-
38					60	CO3	Illustrate the concepts of graph to implement Depth First Search Breadth First Search, minimum cost spanning tree and learn shortest path algorithms.	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	Weak-L	Strong-H	Moderate-M	Weak-L	-	Moderate-M	-
38					60	CO4	Describe symbol table and solve problems using AVL tree.	Moderate-M	Weak-L	Weak-L	Weak-L	-	-	-	-	Weak-L	Weak-L	-	-	Weak-L	-
38					60	CO5	Describe hashing concept and implement different types of files such as sequential, simple index and direct access file.	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	Weak-L	Strong-H	Moderate-M	Weak-L	-	Weak-L	-
39	SEM IV	070122406 - PR	T7489	Data Structures Lab	60	CO1	Demonstrate linked list operations such as create, insert, delete on different types of link list.	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	-	-	Moderate-M	-	-	Strong-H	Weak-L	-
39					60	CO2	Perform create, insert and delete operations on binary search tree.	Strong-H	Strong-H	Strong-H	Weak-L	-	-	-	-	Moderate-M	-	-	Strong-H	Moderate-M	-
39					60	CO3	Illustrate the concepts of graph to implement Depth First Search and Breadth First Search.	Strong-H	Strong-H	Strong-H	Weak-L	-	-	-	-	Moderate-M	-	-	Strong-H	Moderate-M	-
39					60	CO4	Write algorithms for minimal spanning tree (Prim's and Kruskal's) and shortest path- Dijkstra's algorithm.	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	Moderate-M	-	-	Strong-H	Moderate-M	-
39					60	CO5	Employ the concepts of sequential, simple index file and direct access file for hashing.	Moderate-M	Weak-L	Weak-L	Weak-L	-	-	-	-	Moderate-M	-	-	Moderate-M	Weak-L	-
40	SEM IV	070122407 - PP		Microprocessor Techniques	60	CO1	Employ the concepts of sequential, simple index file and direct access file for hashing.	Moderate-M	Weak-L	Weak-L	Weak-L	-	-	-	-	Moderate-M	-	-	Moderate-M	Weak-L	-
40					60	CO2	Enumerate Instruction set of 8086 and Write assembly language program.	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
40					60	CO3	Describe interrupt process in detail along with descriptions of each interrupt in IVT.	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
40					60	CO4	Design interfacing of various output devices (ADC, DAC, Keyboard, display, printer, etc.) with 8086 using 8255.	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
40					60	CO5	Explain working and Interfacing of NDP 8087.	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
40					60	CO6	Understand architecture, pin diagram and instructions of Microcontroller	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
41	SEM IV	070122408 - PR	T4005	Operating Systems Lab	60	CO1	Discuss the basics of Linux commands and Fedora Operating System.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	Weak-L	Strong-H	Moderate-M
41					60	CO2	Explain different Linux Shell commands and interpret their results.	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-	-	-	Weak-L	Strong-H	Moderate-M

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41					60	CO3	Relate file operations of Linux to the basic structure of File Organization of Linux.	Moderate-M	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-	-	-	Weak-L	Strong-H	Strong-H
41					60	CO4	Understand various arithmetic commands on shell.	Weak-L	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	-	-	Weak-L	Strong-H	Strong-H
41					60	CO5	Interpret various looping, conditional statements using shell scripts in Linux.	Weak-L	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	-	-	Weak-L	Strong-H	Strong-H
41					60	CO6	Estimateand compare Waiting/Turnaround time of processes using various Scheduling Algorithms using a C program	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Weak-L	Strong-H	Strong-H
41					60	CO7	Discuss how deadlocks can be detected using Bankers algorithm.	Weak-L	Strong-H	Strong-H	-	-	-	-	-	Weak-L	Weak-L	-	Weak-L	Strong-H	Strong-H
41					60	CO8	Compare memory allocation of processes by Page Replacement algorithm using a C program.	Weak-L	Strong-H	Strong-H	-	-	-	-	-	Weak-L	Weak-L	-	Weak-L	Strong-H	Strong-H
42	SEM IV	070122409 - PR	T6012	Microprocessor Techniques Lab	60	CO1	Understand basics of Assembly language programming using TASM simulator with detailed knowledge of how to use assembler, linker and debugger.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
42					60	CO2	Write and simulate assembly language programs for microprocessor.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
42					60	CO3	Perform arithmetic, logical, string and decision making operations in microprocessor.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
42					60	CO4	Demonstrate fundamental understanding on the operation between the microprocessor and its interfacing devices.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
42					60	CO5	Illustrate understanding on interfacing output / input devices using microcontroller.	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
43	SEM IV	070122411 - PP	T6016	Basic German I	60	CO1	Basic greetings and introducing yourself in German	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
43					60	CO2	Numbers, nationalities, languages, professions in German	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
43					60	CO3	Talking about freetime activities, likings, Family members	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
43					60	CO4	To be able to tell time, daily routine, classroom objects	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
44	SEM IV	070122412 - PP	T6186	Basic French I	60	CO1	To learn how to greet, start initial conversation with french speaking people/colleagues from France / Francophone countries.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
44					60	CO2	To be able to introduce oneself or someone else in french.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
44					60	CO3	To talk about ones likes, dislikes,activities, family etc.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
44					60	CO4	To be able to ask basic questions to get information related to managing oneself in France or francophone countries.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
44					60	CO5	To learn vocabulary related to objects, places around us, time etc.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
45	SEM IV	070122413 - PP	T6188	Basic Spanish I	60	CO1	To greet & introduce yourself in Spanish	Strong-H	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
45					60	CO2	Learning to form a simple sentences including numbers.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
45					60	CO3	Learning to talk about the likings in Spanish.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-

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45					60	CO4	Being able to tell the daily routine & to be able to do basic conversation in Spanish.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-	
46	SEM IV	070124401 - PR	F0004	Engineering Mathematics-III Tut	60	CO1	Evaluate gradient, divergence, curl, directional derivatives and establish vector identities.	Strong-H	Moderate-M	-	-	-	-	-	-	Weak-L	-	-	Strong-H	-	-	
46					60	CO2	Discuss Green's theorem, Gauss divergence theorem and Stoke's theorem	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-	
46					60	CO3	Differentiate functions of complex variables and find the harmonic conjugate. Discuss bilinear transformation	Strong-H	Weak-L	-	-	-	-	-	-	Moderate-M	-	-	Strong-H	-	-	
46					60	CO4	Use Cauchy's residue theorem, Cauchy's integral theorem and Cauchy's integral formula to evaluate contour integrals	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-	
46					60	CO5	Apply Fourier transform to solve boundary value problems such as heat equation, wave equation.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-	
46					60	CO6	Apply Z-transform to solve difference equations	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-	
46					60	CO7	Describe the nature of partial differential equations and solve partial differential equations.	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-	
47	SEM V	070122501 - PP	T8000	Theory of Computation	60	CO1	Illustrate automata theory, its types and inter conversions like Deterministic Finite Automata (DFA), Non-Deterministic Finite Automata (NFA) and e-NFA.	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	
47					60	CO2	Identify Regular Expressions (RE) and Regular Languages.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
47					60	CO3	Analyze Context Free Grammar (CFG), different derivations, conversions and properties.	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
47					60	CO4	Relate Push Down Automata (PDA) to Context Free Grammar.	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
47					60	CO5	Identify Turing Machine and calculate computability and complexity.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
48	SEM V	070122501 - TUT	T8000	Theory of Computation Tut	60	CO1	Illustrate automata theory, its types and inter conversions like Deterministic Finite Automata DFA, Non-Deterministic Finite Automata NFA and eNFA.	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	
48					60	CO2	Identify Regular Expressions RE and Regular Languages.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
48					60	CO3	Analyze Context Free Grammar CFG, different derivations, conversions and properties.	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
48					60	CO4	Relate Push Down Automata PDA to Context Free Grammar.	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
48					60	CO5	Identify Turing Machine and calculate computability and complexity.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
49	SEM V	070122502 - PP	F0004	Data Base Management Systems	60	CO1	Demonstrate an understanding of basic database concepts such as DBMS architecture, components, data models and develop relational schema from E-R model	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	Weak-L	-	-	Weak-L	Weak-L	Weak-L	
49					60	CO2	Construct solutions to a broad range of query problems using relational algebra and Structured Query Language	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-	-	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L	

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49					60	CO3	Show an understanding of database design concepts such as FDDs, anomalies, normalization and apply the same for normalization of databases	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-	-	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L	
49					60	CO4	Determine various database organization schemes and prepare query processing plan	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-	-	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L	
49					60	CO5	Examine the working of transaction management schemes and related DB facilities such as concurrency control and locking protocols	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-	-	Weak-L	Weak-L	-	Weak-L	Moderate-M	Moderate-M	
49					60	CO6	Illustrate the need and distinguishing factors between RDBMS and OODBMS, also understand the architectures of various DBMS types such as Centralized, Distributed databases etc.	Weak-L	Strong-H	Strong-H	Strong-H	-	-	-	-	Weak-L	Weak-L	-	Weak-L	Moderate-M	Moderate-M	
50	SEM V	070122503 - PR	T7908	Data Base Management Systems Lab	60	CO1	Design a database schema for a given problem-domain	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	Weak-L	
50					60	CO2	Be familiarized with a query language	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	Weak-L	
50					60	CO3	Implement the database schema using SQL commands	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	Weak-L	
50					60	CO4	Illustrate the ability to extract the knowledge from the database using SQL queries.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	Weak-L	
50					60	CO5	Compare the performance of PL/SQL functions, procedures and trigger.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	Weak-L	
51	SEM V	070122504 - PP	T7907	Computer Networks	60	CO1	Learn and explore the basics of networking.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
51					60	CO2	Demonstrate understanding on Socket programming, DNS and HTTP protocol.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
51					60	CO3	Demonstrate deeper understanding on reliable data transfer, congestion and flow control algorithms.	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
51					60	CO4	Develop clear understanding on routing and routing algorithms for wired and wireless networks.	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
51					60	CO5	Explore error detection and error correction algorithms.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
52	SEM V	070122505 - PR	TE7299	Computer Networks Lab	60	CO1	Understand basics of networking devices.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
52					60	CO2	Analyze an ARP, ICMP AND HTTP packet by using Wireshark tool.	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
52					60	CO3	Implement Socket programming using any programming language.	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
52					60	CO4	Analyze DNS packet by using Wireshark tool.	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
52					60	CO5	Simulate Sliding Window Protocol and traffic shaping algorithm using any programming language.	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
52					60	CO6	Implement Distance Vector routing algorithm	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
53	SEM V	070122506 - PP	T7487	Design and Analysis of Algorithms	60	CO1	Analyze complexity of an algorithm and explain algorithm analysis concepts like asymptotic, amortized analysis etc to provide a rough classification of an algorithm	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	-	-	-	Weak-L	Weak-L	-	-	Strong-H	-	

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55					60	CO8	Design test cases for a project by calculating the cyclomatic complexity of the case study application.	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	Weak-L	Weak-L	Weak-L	-	-	-
56	SEM V	070122508 - TUT	T7482	Software Engineering Tut	60	CO1	Identify the need for software engineering and summarize the advantages and disadvantages of the various software engineering process models	Strong-H	Strong-H	Strong-H	-	-	Weak-L	-	Weak-L	Moderate-M	Weak-L	Moderate-M	Weak-L	-	-
56					60	CO2	Recognize the suitable process model for implementation of a case study application	Strong-H	Moderate-M	Moderate-M	-	-	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Moderate-M	-	Weak-L	-
56					60	CO3	Identify the software requirements and perform the analysis modelling of the chosen case study application	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-	-	Moderate-M	-	Moderate-M	-	-	-
56					60	CO4	Perform the project size estimation and budget estimation, project scheduling and risk management for the case study application	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	Weak-L	Weak-L	Moderate-M	Weak-L	-	-
56					60	CO5	Describe the different software design concepts	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	Weak-L	Moderate-M	-	-
56					60	CO6	Identify the need for software configuration management	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	Weak-L	Weak-L	Weak-L	-	-	-
56					60	CO7	Understand the different software testing strategies and techniques	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
56					60	CO8	Design test cases for a project by calculating the cyclomatic complexity of the case study application	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	Weak-L	Weak-L	Weak-L	-	-	-
57	SEM V	070122511 - PP	T7476	MATLAB	60	CO1	Illustrate the basic features of MATLAB software.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	-
57					60	CO2	Perform basic operations on matrices in MATLAB.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	-
57					60	CO3	Create a user defined function.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	-
57					60	CO4	Plot different types of graphs like bar, polar, area, stem etc. and three dimension graphs and annotate the graphs.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	-
57					60	CO5	Export plots to different applications like word, PDF, EPS etc.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	-
57					60	CO6	Sketch multiple plots in a single window using subplot function.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	-
57					60	CO7	Write a script file as per requirement in MATLAB editor.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	-
57					60	CO8	Solve ordinary differential equations using numerical methods.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	-
57					60	CO9	Use Simulink to create block diagrams.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	-
57					60	CO10	Solve differential equations using Simulink.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	-
58	SEM V	070122513 - PP	TE7281	Nanotechnology	60	CO1	Understand the concept of nanoscale materials and quantum effects governing the behavior of these materials.	-	Moderate-M	Moderate-M	-	Weak-L	-	-	Weak-L	Moderate-M	-	-	Strong-H	-	-
58					60	CO2	Understand the nature and properties of nano materials.	Moderate-M	-	Weak-L	-	-	-	-	Weak-L	Weak-L	-	-	Strong-H	Weak-L	Weak-L
58					60	CO3	Describe top-down and bottom-up approaches to synthesize various types of nano materials.	Moderate-M	-	Strong-H	-	Moderate-M	-	-	Weak-L	Weak-L	-	-	Strong-H	Strong-H	Strong-H

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58					60	CO4	Categorize nano materials and understand their structure using data from analytical tools like XRD and UV-Vis.	Moderate-M	Strong-H	-	-	Moderate-M	-	-	Weak-L	Weak-L	-	-	Strong-H	Strong-H	Strong-H
58					60	CO5	Demonstrate the knowledge of properties of nano materials and their application in current technology development.	Strong-H	-	-	Weak-L	-	-	-	Weak-L	Moderate-M	-	-	Strong-H	Strong-H	Strong-H
59	SEM VI	070122605 - PP	TE7291	Project Management	60	CO1	Analyse various facets of a project and its management.	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
59					60	CO2	Develop project plan using appropriate technique like Gantt chart, CPM & PERT.	-	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	Moderate-M	-	-	-	-	-
59					60	CO3	Understand human resource management in projects from both client and server point of views.	-	Moderate-M	-	Moderate-M	-	Moderate-M	-	Moderate-M	Moderate-M	-	-	-	-	-
59					60	CO4	Select method for effective material management, express ethical practices in project management and restate general and special conditions of contract document.	Moderate-M	Moderate-M	-	Moderate-M	-	Moderate-M	-	-	-	-	-	-	-	-
59					60	CO5	Describe laws of economics applicable to project.	Moderate-M	Moderate-M	-	-	-	-	-	Moderate-M	Moderate-M	-	-	Moderate-M	-	-
59					60	CO6	Formulate budget, actual expenditures and profits in a project.	Moderate-M	Moderate-M	-	-	-	-	-	Moderate-M	Moderate-M	-	-	Strong-H	-	-
60	SEM VI	070122608 - PP	TE7271	Open Source Technologies	60	CO1	Relate to the idea of adoption of Open Source Software (OSS) and Public Domain Software (PDS) in software development process.	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	-	-	Weak-L	-	-
60					60	CO2	Identify and outline the need for licenses and patents.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	-	Weak-L	-	-	Weak-L	-	-
60					60	CO3	Analyze the basic idea of open source technology, their software development process.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Strong-H	Strong-H	-	-	Strong-H	-
60					60	CO4	Examine and analyze various open source software and tools.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-
60					60	CO5	Outline and distinguish between open source and closed source technologies.	Strong-H	Strong-H	Strong-H	Weak-L	-	-	-	-	Weak-L	-	-	Weak-L	-	-
61	SEM VI	070122609 - PR	TE7246	Open Source Technologies Lab	60	CO1	Relate to the idea of adoption of Open Source Software (OSS) and Public Domain Software (PDS) in software development process.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Weak-L	Moderate-M	Weak-L
61					60	CO2	Identify and outline the need for licenses and patents.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	Weak-L
61					60	CO3	Analyze the basic idea of open source technology, their software development process.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	Weak-L	-	-	Weak-L	Weak-L	Weak-L
61					60	CO4	Examine and analyze various open source software and tools.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	Weak-L
61					60	CO5	Outline and distinguish between open source and closed source technologies.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	Weak-L	-	-	Weak-L	Weak-L	Weak-L
62	SEM VI	070124606 - PP	T7802	Software Testing and Quality Assurance	60	CO1	Explain different software testing approaches and their significance.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Moderate-M	Strong-H	-
62					60	CO2	Design good test cases using different case studies and test case design strategies such as white box testing and black box testing.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	-
62					60	CO3	Demonstrate different software metrics and their importance.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	-

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62					60	CO4	Apply software quality assurance tools like Ishikawa's tools.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	-
62					60	CO5	Explain quality standards like ISO, CMM and their implementation in different business domains such as IT, education industry.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	-
62					60	CO6	Classify and Test different types of computer applications using different automation tools like QTP, Selenium.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	-	Strong-H	Strong-H
63	SEM VI	070124607 - PR	TE7266	Software Testing and Quality Assurance Lab	60	CO1	Explain different software testing approaches and their significance.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
63					60	CO2	Design good test cases using different case studies and test case design strategies such as white box testing and black box testing.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
63					60	CO3	Classify and Test different types of computer applications using different automation tools like Bugzilla and Selenium.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
64	SEM VII	070124701 - PP	T7804	Distributed Systems and Resource management	60	CO1	Sketch the architecture of the multicomputer models and solve different design issues.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Weak-L
64					60	CO2	Implement the clock synchronization algorithms in distributed system.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Weak-L
64					60	CO3	Execute the deadlock detection techniques for the different resource and communication model.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Moderate-M
64					60	CO4	Use the recovery techniques of the single processor system, solve the recovery problems in distributed environment.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Moderate-M
64					60	CO5	Execute the shared memory solutions to build a coherent system in distributed environment.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Moderate-M
64					60	CO6	Demonstrate the working of distributed file system with HDFS.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Moderate-M
65	SEM VII	070124702 - PP	TE7294	System Programming	60	CO1	Show fundamental details of a language processor	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
65					60	CO2	Employ passes of an assembler on a sample assembly language code	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
65					60	CO3	Employ passes of a macro processor on a sample assembly language code	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
65					60	CO4	Illustrate process of compilation and interpretation in software	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
65					60	CO5	Practice compilation of expressions and demonstrate working of an interpreter	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
65					60	CO6	Use LEX, YACC for implementation of intermediate languages, different statement types and procedure calls	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M
66	SEM VII	070124703 - PP	F0003	Object Oriented Analysis and Design Pattern	60	CO1	Analyse Unified Modeling Language 2.0 and overview of its diagrams as a modeling tool for large and complex systems.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	Moderate-M	-	-	Strong-H	Moderate-M
66					60	CO2	Illustrate different diagrams used in Object Oriented Analysis like Use Case Diagram	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	Moderate-M	-	-	Strong-H	Moderate-M
66					60	CO3	Identify dynamic behaviour of the system using Interaction Diagrams.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	Weak-L	-	-	Weak-L	Moderate-M

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66					60	CO4	Model State Diagrams which gives abstract description and behavior of a System	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	Weak-L	-	-	Weak-L	Moderate-M
66					60	CO5	Illustrate UML design for the creation of an application system using forward and Reverse engineering methods.	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Weak-L	-	-	Strong-H	Moderate-M
66					60	CO6	Implement different types of design patterns to construct software solutions in object oriented design context.	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Weak-L	-	-	Strong-H	Moderate-M
67	SEM VII	070124704 - PP	T7805	Mobile Computing	60	CO1	Basics of wireless and mobile communication	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L
67					60	CO2	Cellular networks	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M
67					60	CO3	Mobile IP	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M
67					60	CO4	Mobility management	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M
67					60	CO5	Advanced topics	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M
68	SEM VII	070124705 - PR	T7802	Distributed Systems and Resource management Lab	60	CO1	Implement vector clocks in distributed system.	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	Weak-L	Moderate-M
68					60	CO2	Implement RPC using RMI in distributed system.	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Strong-H	Moderate-M
68					60	CO3	Simulate/Implement Lamports, Maekawa mutual exclusion algorithm in distributed system.	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Strong-H	Strong-H
68					60	CO4	Simulate/Implement Bully Election Algorithm	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Strong-H	Moderate-M
68					60	CO5	Demonstrate recent trend latest application in Distributed System with a case study seminar.	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-	-	-	-	Strong-H	Moderate-M
69	SEM VII	070124706 - PP	T6004	Computer Graphics and Multimedia	60	CO1	Describe concepts of computer graphics with emphasis on line and circle drawing using Digital Differential Analyzer DDA and Bresenham's algorithm.	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	Weak-L	Strong-H	-
69					60	CO2	Express 2D and 3D transformations on objects.	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	Weak-L	Strong-H	-
69					60	CO3	Explain windowing and clipping techniques on line and polygon.	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	Strong-H	-
69					60	CO4	Describe hidden surfaces and line removal techniques like Back-face removal algorithm, hidden line methods, Z buffer, Warnock and Painter's algorithm.	Strong-H	Strong-H	Weak-L	Weak-L	-	-	-	-	-	-	-	-	Strong-H	-
69					60	CO5	Express different curves and fractal generation methods.	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Weak-L	Strong-H	-
69					60	CO6	Describe different text compression methods using Huffman coding.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	-	-	-	Strong-H	-	Moderate-M	Strong-H	Strong-H	Strong-H
69					60	CO7	Describe different animation techniques like onion skinning, motion cycling, masking, flip book animation etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
70	SEM VII	070124707 - PR	TE7438	Object Oriented Analysis and Design Pattern Lab	60	CO1	Select and analyze case study to prepare software based analysis and design level diagrams to understand the business processes.	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	-	-	Strong-H	Strong-H	-	-	-	Strong-H
70					60	CO2	Analyze different type of users along with their interaction with the system	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	-	-	Strong-H	Strong-H	-	-	-	Strong-H
70					60	CO3	Illustrate software systems using Analysis Class Diagram.	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	-	-	Strong-H	Strong-H	-	-	-	Strong-H

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70					60	CO4	Infer CRC cards to understand procedural mode of thought and fully appreciate object technology.	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	-	-	Strong-H	Strong-H	-	-	-	Strong-H
70					60	CO5	Infer CRC cards to understand procedural mode of thought and fully appreciate object technology.	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	-	-	Strong-H	Strong-H	-	-	-	Strong-H
70					60	CO6	Identify different processes that operate with one another and their order using Sequence Diagram and Collaboration Diagram.	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	-	-	Strong-H	Strong-H	-	-	-	Strong-H
70					60	CO7	Illustrate the business processes using Activity Diagrams.	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	-	-	Strong-H	Strong-H	-	-	-	Strong-H
70					60	CO8	Infer the hardware components where software components are deployed by Deployment Diagram	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	-	-	Strong-H	Strong-H	-	-	-	Strong-H
70					60	CO9	The need of compensation and the effects of different types of compensation.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
71	SEM VII	070124708 - PR	TE7097	Computer Graphics and Multimedia Lab	60	CO1	Draw various geometrical figures using functions of graphics.h	Strong-H	Moderate-M	Moderate-M	-	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L
71					60	CO2	Define 2D line drawing, circle drawing as a raster graphics display.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L
71					60	CO3	Define polygon filling as a raster graphics display	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L
71					60	CO4	Describe line clipping and polygon clipping by using its different techniques	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L
71					60	CO5	Describe different transformations on 2D objects	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L
71					60	CO6	Implement projection and 3D rotation	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H	Moderate-M
71					60	CO7	Define animation of objects	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	Strong-H	-	-	Strong-H	Strong-H	Strong-H
71					60	CO8	Understand the technologies and platforms upon which modern interactive video games are developed	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	Strong-H	-	-	Strong-H	Strong-H	Strong-H
72	SEM VII	070124709 - PP	TE7253	Service Learning	60	CO1	To promote learning through active participation	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	Strong-H	Moderate-M	-	Moderate-M	-	-
72					60	CO2	To provide structured time to students to think, discuss and implement from their past experiences	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	Moderate-M
72					60	CO3	To apply their skills and knowledge beyond the classroom in real life situations	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	Strong-H	-	-	Moderate-M	-	Moderate-M
72					60	CO4	To stimulate sense of caring in students	-	-	-	-	-	-	-	-	-	Moderate-M	-	Moderate-M	-	-
73	SEM VII	070124710 - PP	TE7282	Integrated Water Resources Development and Management	60	CO1	Summarize the basic concept and terminologies associated with water resources engineering	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L
73					60	CO2	Identify the role of disciplines of ecology and socioeconomics play in management of water resources	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L
73					60	CO3	Define the concept of Integrated Water Resources Management within the broader context of development	Strong-H	-	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14
76					60	CO3	Analyze the basic idea of open source technology, their software development process.	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-
76					60	CO4	Examine and analyze various open source software and tools.	Strong-H	Strong-H	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-
76					60	CO5	Outline and distinguish between open source and closed source technologies.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
77	SEM VII	070124714 - PP	T7529	Basics of Database	60	CO1	Describe database system, its components and Identify various database architectures and applications. Also illustrate database design using E-R data model by identifying entities, attributes, relationships, generalization and specialization along with relational algebra.	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	-
77					60	CO2	Distinguish relational model with the Structured Query Language (SQL).	Weak-L	Strong-H	Strong-H	-	Weak-L	-	-	-	Weak-L	-	-	Weak-L	Moderate-M	-
77					60	CO3	Illustrate Normalization process with its types.	Moderate-M	Strong-H	Strong-H	-	-	-	-	-	Weak-L	-	-	Weak-L	Weak-L	-
77					60	CO4	Explain structure of file, types of Indexing and Hashing.	Weak-L	Strong-H	Strong-H	Weak-L	-	-	-	-	Weak-L	-	-	Weak-L	Weak-L	-
78	SEM VII	070124715 - PP	T7138	MATLAB	60	CO1	Illustrate the basic features of MATLAB software.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
78					60	CO2	Perform basic operations on matrices in MATLAB.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
78					60	CO3	Create a user defined function.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
78					60	CO4	Plot different types of graphs like bar, polar, area, stem etc. and three dimension graphs and annotate the graphs.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
78					60	CO5	Export plots to different applications like word, PDF, EPS etc.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
78					60	CO6	Sketch multiple plots in a single window using subplot function.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
78					60	CO7	Write a script file as per requirement in MATLAB editor.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
78					60	CO8	Solve ordinary differential equations using numerical methods.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
78					60	CO9	Use Simulink to create block diagrams.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
78					60	CO10	Solve differential equations using Simulink.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-
79	SEM VII	070124716 - PP	TE7103	Printed Circuit Board (PCB) Design	60	CO1	Acquire knowledge on PCB	Moderate-M	Weak-L	-	-	-	-	-	-	Weak-L	-	-	-	Weak-L	Weak-L
79					60	CO2	Learn PCB layout and general rules	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	Weak-L	-
79					60	CO3	Study PCB fabrication steps	Strong-H	-	-	-	-	-	-	-	-	-	-	-	Weak-L	-
79					60	CO4	Get familiarize with current trends in PCB	Strong-H	-	Weak-L	-	-	-	-	-	-	-	-	-	-	-
79					60	CO5	Design PCB using CAD software tool	Moderate-M	-	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	Strong-H	Weak-L
80	SEM VII	070124717 - PP	TE7105	Fundamentals of Automotive Technology	60	CO1	Realize the need and importance of study of automobile engineering. Identify and compare the relative merits, demerits and applications of different systems and components in an Automobile.	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	Strong-H	Weak-L	Moderate-M	-	Moderate-M	Weak-L	-

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80					60	CO2	Discuss the construction and working of different types clutch including their limitations. Compare different types of gear boxes, working of automatic gear box and discuss the construction and working of different transmission layouts.	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	-	
80					60	CO3	Compare the construction and working of different suspension systems. Understand the concept of dependent and independent suspension systems.	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	-	
80					60	CO4	Understand and discuss steering system and the concept of power steering.	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	-	
80					60	CO5	Compare the construction and working of different types braking system, applicability of braking system to cater to need of specific condition including their limitations.	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	-	
80					60	CO6	Understand and explain electrical systems and subsystems	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	-	
81	SEM VII	070124718 - PP	T7506	Six Sigma	60	CO1	To gain an understanding and appreciation of different dimensions of quality and quality tools.	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L	-	Moderate-M	Moderate-M	Strong-H	-	
81					60	CO2	Explain the importance of sigma level and demonstrate the ability to apply some mathematical forecasting techniques.	Moderate-M	-	Weak-L	Strong-H	Moderate-M	Strong-H	-	-	Moderate-M	-	Weak-L	-	Moderate-M	-	
81					60	CO3	Explain the importance of quality control and apply techniques to measure quality control.	Weak-L	-	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
82	SEM VII	070124720 - PP	TE7251	Smart Materials	60	CO1	Describe the importance of smart materials on the basis of their applications.	-	-	-	-	-	Moderate-M	Weak-L	-	-	-	-	Moderate-M	-	Strong-H	
82					60	CO2	Understand the structure, electrical and magnetic properties of materials.	Strong-H	Strong-H	-	-	-	-	-	-	Weak-L	-	-	Moderate-M	Weak-L	Weak-L	
82					60	CO3	Classify the smart materials in terms of their unique electric and magnetic properties.	Strong-H	Strong-H	-	-	-	-	-	-	Weak-L	-	-	Moderate-M	Moderate-M	Moderate-M	
82					60	CO4	Identify some special smart materials.	-	-	Moderate-M	-	-	Moderate-M	-	-	Strong-H	-	-	Weak-L	Strong-H	Strong-H	
82					60	CO5	Understand some important application of smart materials.	-	-	-	-	-	Moderate-M	-	-	Moderate-M	-	-	Moderate-M	Weak-L	Strong-H	
83	SEM VIII	070124801 - PP	T7912	B.Tech Project	60	CO1	Identify and summarize an appropriate list of literature review, analyse previous researchers' work and relate them to current project.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	
83					60	CO2	Design engineering solutions to complex problems utilising a systems approach.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Moderate-M	-	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	
83					60	CO3	Demonstrate a sound technical knowledge of their selected project topic.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	
83					60	CO4	Present the project outlining the approach and expected results using good oral and written presentation skills.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	-	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	
83					60	CO5	Organise, record and compile work done throughout the project.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	-	-	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	
84	SEM VIII	070124802 - PP	T7802	Web Technologies and SOA	60	CO1	Model web services using the W3C standards like XML, WSDL, UDDI and SOAP.	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-	

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84					60	CO2	Develop WS-Security Mechanisms using methods like encryption and digital signatures.	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-	
84					60	CO3	Illustrate the role of Service Oriented Architecture (SOA) in building a real world software application.	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-	
84					60	CO4	Outline the different stages of planning and analyzing SOA application with emphasis on artifacts like Enterprise Solution Assets (ESA).	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-	
84					60	CO5	Choose a design model for SOA application using service environment like On Demand Operation Environment (ODOE).	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-	
84					60	CO6	Manage a SOA environment meeting its operational challenges like Service Level Agreements (SLA) and SOA Governance	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-	
85	SEM VIII	070124803 - PP	G7012	Advanced Database Management System	60	CO1	Use knowledge of parallelism to increase scale up and speed up of a computer system.	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-	
85					60	CO2	Apply knowledge of partitioning techniques to distribute database efficiently to increase throughput and response time	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-	
85					60	CO3	Illustrate client server architecture and business logic of SOAP.	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-	
85					60	CO4	Demonstrate ETL process in Data Warehousing and use different schemas such as star schema and snowflake schema.	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-	
85					60	CO5	Apply data mining algorithms like Apriori algorithm and decision tree algorithm.	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-	
85					60	CO6	Use web search engine and different techniques like ranking of terms, hyperlink to retrieve structured data and information	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-	
85					60	CO7	Analyze the architecture of advanced transaction processing databases.	Strong-H	Strong-H	-	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	-	-	-	
86	SEM VIII	070124804 - PP	TE7026	Software Testing and Quality Assurance	60	CO1	Explain different software testing approaches and their significance.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Moderate-M	Strong-H	-	
86					60	CO2	Design good test cases using different case studies and test case design strategies such as white box testing and black box testing.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	-	
86					60	CO3	Demonstrate different software metrics and their importance.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	-	
86					60	CO4	Apply software quality assurance tools like Ishikawas tools.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	-	
86					60	CO5	Explain quality standards like ISO, CMM and their implementation in different business domains such as IT, education industry.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	-	
86					60	CO6	Classify and Test different types of computer applications using different automation tools like QTP, Selenium.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	-	-	Strong-H	Strong-H

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87	SEM VIII	070124805 - PR	T7804	Advanced Database Management Systems Lab	60	CO1	Apply Abstract Data Type (ADT) to create nested tables	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	-	-		
87					60	CO2	Illustrate different types of attributes such as composite attributes and multi valued attributes	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	-	-		
87					60	CO3	Apply knowledge of ASP and JAVA to create a web application	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	-	-		
87					60	CO4	Demonstrate various OLAP operations on data cubes.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	-	-		
87					60	CO5	Illustrate Data Mining algorithms such as Apriori algorithm and decision tree algorithm.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	-	-		
87					60	CO6	Illustrate all commands in MY-SQL.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	-	-		
87					60	CO7	Apply knowledge in all above assignments to develop a mini project.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	-	-		
88	SEM VIII	070124806 - PR	T7674	Software Testing and Quality Assurance Lab	60	CO1	Explain different software testing approaches and their significance.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	-	
88					60	CO2	Design good test cases using different case studies and test case design strategies such as white box testing and black box testing.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	-
88					60	CO3	Classify and Test different types of computer applications using different automation tools like Bugzilla and Selenium.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	
89	SEM VIII	070124808 - PP	TE7021	Search Engine Optimization	60	CO1	Demonstrate various types of digital marketing with emphasis on internet marketing	Weak-L	Moderate-M	Weak-L	Weak-L	Moderate-M	-	-	-	-	Moderate-M	Weak-L	Moderate-M	-	-		
89					60	CO2	Apply the process of Search Engine Optimization (SEO) to basics of web designing, domain and web hosting, and SERP (Search Engine Result Page).	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	-	-	-	Weak-L	Weak-L	Weak-L	-	-		
89					60	CO3	Modify a search engine optimized website by implementing the concepts of on-site optimization and off-site optimization	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	-	-		
89					60	CO4	Prepare the advancements in SEO practices that attract relevant and quality visitors to the websites.	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	-	-		
89					60	CO5	Demonstrate the exploitation of social networking sites for the promotion of brand building.	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	-	-	-	Weak-L	Weak-L	Weak-L	Weak-L	-	-		
90	SEM VIII	070124811 - PP	TE7023	Cloud Computing	60	CO1	Explore technologies that comprise the modern concept of cloud computing.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	Moderate-M	Weak-L	-	-	Weak-L	Moderate-M		
90					60	CO2	Investigate major concepts in cloud computing, the economics foundations of it and we introduce the concept of big data	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	Moderate-M	Weak-L	-	-	Weak-L	Moderate-M		
90					60	CO3	Deep dive virtualization and containers with deeper focus, including lectures on Docker, JVM and Kubernetes	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	Moderate-M	Weak-L	-	-	Weak-L	Moderate-M		
90					60	CO4	Compare the infrastructure as a service offering by the big three: Amazon, Google and Microsoft	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	-	-	-	Moderate-M	Weak-L	-	-	Weak-L	Moderate-M		

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90					60	CO5	Explore cloud middleware technologies that are fundamental to cloud based applications such as RPC and REST, JSON and load balancing.	Moderate-M	Weak-L	Moderate-M	Moderate-M	-	-	-	-	Moderate-M	Weak-L	-	-	Weak-L	Moderate-M
90					60	CO6	Learn Hive, HDFS and Ceph as pure Big Data Storage and file systems, and move on to cloud object storage systems, virtual hard drives and virtual archival storage options.	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	-	-	-	Moderate-M	Weak-L	-	-	Weak-L	Moderate-M
91	SEM VIII	070124812 - PP	T7527	Intelligent Systems	60	CO1	Explain characteristics and challenges of Intelligent Systems (IS) with examples	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Moderate-M	-	-	Moderate-M	Strong-H	-
91					60	CO2	Illustrate various knowledge representations like declarative, procedural representation used in IS	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Moderate-M	-	-	Moderate-M	Strong-H	-
91					60	CO3	Design an expert system and implement it with knowledge engineering process	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Moderate-M	-	-	Moderate-M	Strong-H	-
91					60	CO4	Evaluate computational complexity, search complexity of a problem in IS	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Moderate-M	-	-	Moderate-M	Strong-H	-
91					60	CO5	Apply natural language processing (NLP), neural network agents in various IS applications.	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	Moderate-M	Strong-H	-

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Technology Programme Name : Bachelor of Technology (Mechanical Engineering)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Engineering Knowledge:Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Problem Analysis:Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	Design/Development of solutions:Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4	GA1	Scholarship: research, inquiry and lifelong learning	PO4	Conduct investigations of complex problems:Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Modern Tool Usage:Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	The Engineer and Society:Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7	GA3	Eco-literate: sensitivity towards a sustainable environment	PO7	Environment and Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8	GA2	Global citizenship: ethical, social and professional understanding	PO8	Ethics:Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO9	Individual and Team Work:Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10	GA2	Global citizenship: ethical, social and professional understanding	PO10	Communication:Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11	GA1	Scholarship: research, inquiry and lifelong learning	PO11	Project Management and Finance:Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12	GA1	Scholarship: research, inquiry and lifelong learning	PO12	Life long Learning:Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
13	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO13	Create socially relevant systems: Create creative and innovative systems using knowledge and application of mechanical engineering components
14	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO14	Cutting edge areas: Acquaint with the contemporary trends in industry and use knowledge of advance tools and techniques for research and development

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1	SEM I	070125101 - PP	TE7168	Engineering Mathematics -I	60	CO1	Apply successive differentiation to find nth derivative, indeterminate forms and series expansion of functions.	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
1					60	CO2	Apply the concepts of partial differentiations to solve problems on homogeneous functions, Jacobians and maxima & minima.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
1					60	CO3	Evaluate integrals using reduction formulae and improper integral using DUIS rule and beta-gamma function.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
1					60	CO4	Test the convergence of series of positive terms, by using appropriate tests and find Fourier series expansion of periodic functions.	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
1					60	CO5	Evaluate rank of a matrix, Eigen values and Eigen vectors. Find inverse using Caley Hamilton theorem and solve system of simultaneous equations.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
2	SEM I	070125101 - PR	TE7168	Engineering Mathematics -I	60	CO1	Apply successive differentiation to find nth derivative, indeterminate forms and series expansion of functions.	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
2					60	CO2	Apply the concepts of partial differentiations to solve problems on homogeneous functions, Jacobians and maxima & minima.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-
2					60	CO3	Evaluate integrals using reduction formulae and improper integral using DUIS rule and beta-gamma function.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	-	-	Moderate-M	-	-

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6	SEM I	070125105 - PP	TE7188	Environmental Science	60	CO1	Understand about sustainable technologies for resource conservation	Strong-H	Weak-L	Weak-L	-	-	Moderate-M	Strong-H	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
6					60	CO2	Identify sources, effects and remedial measures for different pollutions	Weak-L	Moderate-M	-	-	-	Weak-L	Weak-L	-	Weak-L	-	-	Weak-L	Moderate-M	-
6					60	CO3	Identify and formalize a generalized water and wastewater treatment process	Moderate-M	-	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	-	-	-	-	Moderate-M	-	Strong-H
6					60	CO4	Identify various sources of solid wastes, their effects and latest management techniques	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-	Strong-H	Strong-H
6					60	CO5	Know about existing environmental laws and legislations and related case studies.	Moderate-M	Weak-L	-	Weak-L	-	Moderate-M	Moderate-M	-	-	Weak-L	-	Weak-L	Strong-H	-
7	SEM I	070125106 - PP	TE7286	Programming and Problem Solving	60	CO1	Understand and develop Computational Thinking concepts	Moderate-M	Weak-L	Weak-L	Weak-L	-	-	-	-	-	-	-	-	-	-
7					60	CO2	Understand the programming in IDE (Integrated Development Environment) and write, execute and debug simple programs.	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	-	-	-	Strong-H	-	-	-	-	-
7					60	CO3	Understand basic Python Programming, functions, patterns, algorithmic constructs etc.	Weak-L	Weak-L	Moderate-M	Weak-L	Moderate-M	-	-	-	Strong-H	-	-	-	-	-
7					60	CO4	Understand and apply object oriented programming concepts	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	-	-	-	Strong-H	-	-	-	-	-
8	SEM I	070125107 - PR	T7593	Basic Electrical and Electronics Engineering Lab	60	CO1	Understand the need of various safety precautions to be undertaken while working with electrical equipment and learn different wiring components and wiring schemes.	Moderate-M	Weak-L	-	-	Strong-H	-	-	-	Strong-H	Weak-L	-	Weak-L	-	Weak-L
8					60	CO2	Apply the knowledge of relevant laws and principles and familiarize with different theorems and analytical approaches for solving a given electric circuit.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Strong-H	Weak-L	-	Weak-L	-	Weak-L
8					60	CO3	Develop a clear understanding of the characteristics of basic semiconductor devices like, pn junction diode, Zener Diode and BJTs, their different configurations and applications.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	Strong-H	Weak-L	-	Weak-L	-	Weak-L
8					60	CO4	Use and understand different controls of equipment's like CRO and DMM.	Moderate-M	Moderate-M	-	-	Strong-H	-	-	-	Strong-H	Weak-L	-	Weak-L	-	Weak-L
9	SEM I	070125108 - PR	T7382	Chemistry Lab	60	CO1	Examine water samples for different parameters through experimentation	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Weak-L	-	-	Moderate-M	-	-	-	-	Weak-L
9					60	CO2	Understand the preparation of condensation polymers and finding molecular weight of polymer	Strong-H	Moderate-M	-	-	-	-	-	-	Weak-L	-	-	-	-	Weak-L
9					60	CO3	Understand basic experimentation related to adsorption and chromatography	Strong-H	-	-	-	-	-	-	-	Weak-L	-	-	-	-	-
9					60	CO4	Apply basic concepts in spectroscopic analysis	Strong-H	Weak-L	-	-	-	-	-	-	Weak-L	-	-	-	-	Weak-L
9					60	CO5	Write effectively the results of experimentation and develop team working skills	-	Weak-L	-	-	-	-	-	-	Weak-L	-	-	-	-	Moderate-M
10	SEM I	070125109 - PP	T6732	Critical Thinking	60	CO1	Make better decisions based on logical thinking,	-	Strong-H	Weak-L	Moderate-M	-	-	-	-	Weak-L	-	-	Moderate-M	-	-
10					60	CO2	Identify and evaluate facts in an argument,	-	Strong-H	Weak-L	Moderate-M	-	-	-	-	Weak-L	-	-	Moderate-M	-	-

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14					60	CO5	Demonstrate curvilinear motion	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-
14					60	CO6	Understand basics of compound pendulum through experiment	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-
15	SEM II	070125203 - PP	T7391	Physics	60	CO1	Understand the origin and nature of electric field and electric lines of force and calculate the flux through various surfaces.	Moderate-M	Moderate-M	Weak-L	-	Weak-L	-	-	-	Weak-L	-	-	Moderate-M	-	-
15					60	CO2	Explain the electric properties of various materials.	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-	-	Weak-L	-	-	Moderate-M	Weak-L	-
15					60	CO3	Understand the origin and nature of magnetic lines of force.	Moderate-M	Moderate-M	Weak-L	-	Weak-L	-	-	-	Weak-L	-	-	Moderate-M	-	-
15					60	CO4	Explain the behaviour of various materials in magnetic field and nature of magnetic media.	Weak-L	Weak-L	Weak-L	-	Weak-L	-	-	-	Weak-L	-	-	Moderate-M	Weak-L	Weak-L
15					60	CO5	Demonstrate the knowledge of fundamental concepts of waves and understand the theory of superposition principle and comprehend and interpret the observations of variation in wave intensities due to the phenomena of interference and diffraction in daily life.	Strong-H	Strong-H	Weak-L	-	-	-	-	-	Weak-L	-	-	Strong-H	Weak-L	-
16	SEM II	070125204 - PP	T7383	Communication skills	60	CO1	Identify/ Recognize the barriers to effective communication in accordance with all types of communication; avoid or overcome them.	-	-	-	-	-	-	-	Moderate-M	Strong-H	Strong-H	-	Strong-H	-	-
16					60	CO2	Constructing sentences effectively using grammar and vocab	-	-	-	-	-	-	-	Moderate-M	Strong-H	Strong-H	-	Strong-H	-	-
16					60	CO3	Communicate/ express effectively in a range of settings.	-	-	-	-	-	-	-	Moderate-M	Weak-L	Strong-H	-	Moderate-M	-	-
16					60	CO4	Employ etiquettes in oral and written communication.	-	-	-	-	-	-	-	Moderate-M	Weak-L	Strong-H	-	Strong-H	-	-
16					60	CO5	Demonstrate the basics of writing skills and use in business and technical correspondence	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	-	Moderate-M	-	-
17	SEM II	070125205 - PR	T7658	Workshop Practice	60	CO1	To study and understand basic tools used at engineering workshop	Strong-H	-	-	-	-	-	-	-	Weak-L	-	-	Weak-L	-	-
17					60	CO2	To identify tools, work material and measuring instruments useful for fitting, welding, carpentry and plumbing practice.	Strong-H	Weak-L	-	-	-	-	-	-	Weak-L	-	-	Weak-L	-	-
17					60	CO3	To handle tools and instruments and use them to prepare simple models	Strong-H	-	-	-	-	-	-	-	Weak-L	-	-	Weak-L	-	-
17					60	CO4	Ability to understand the engineering drawing and use them to prepare models	Strong-H	Moderate-M	-	-	-	-	-	-	Weak-L	-	-	Weak-L	-	-
18	SEM II	070125206 - PR	TE7300	Tinker lab	60	CO1	Relate fundamental concepts/laws of science and engineering	Moderate-M	Weak-L	-	-	-	-	-	-	Strong-H	Weak-L	-	Weak-L	Weak-L	-
18					60	CO2	Practice pre-achieved skills on hardware and devices	Weak-L	-	-	-	-	-	-	-	Weak-L	Weak-L	-	Weak-L	Weak-L	-
18					60	CO3	Take apart and reassemble and/or repairing of engineering gadgets	Weak-L	-	-	-	-	-	-	Weak-L	Weak-L	-	-	Weak-L	-	-
18					60	CO4	Explore various aspects of tinkered devices/instruments	Weak-L	-	-	-	-	-	-	-	Weak-L	-	-	Moderate-M	-	-
18					60	CO5	Design and make models out of creativity using raw material	Weak-L	-	-	Weak-L	-	-	-	-	Strong-H	Moderate-M	-	-	-	-
19	SEM II	070125207 - PR	T7384	Communication Skills lab	60	CO1	Express ideas and concepts well through vocabulary building, aptitude tests, mind mapping and brain storming.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	Weak-L

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19					60	CO2	Demonstrate linguistic competence-through accuracy in grammar, pronunciation and vocabulary.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-
19					60	CO3	Sketch their creative side in formal as well as informal communication	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	Weak-L	Weak-L	-	-
19					60	CO4	Employ etiquettes in oral and written communication.	-	-	-	-	-	-	-	-	Strong-H	Strong-H	Weak-L	Weak-L	-	-
19					60	CO5	Modify their listening skills.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-
19					60	CO6	Sketch their articulation while participating in Group discussions, debate or job interviews.	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	Weak-L
20	SEM II	070125208 - PR	T7392	Physics lab	60	CO1	Enhancing the problem analyzing aptitude by means of learning troubleshooting electrical circuits or setting of optical instruments	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-
20					60	CO2	Data analysis, interpretation and drawing inferences	Strong-H	Moderate-M	-	-	-	-	-	Weak-L	Strong-H	-	-	Moderate-M	Weak-L	-
20					60	CO3	Promoting individual and team work skills	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-	Weak-L	-	-	Moderate-M	Weak-L	-
20					60	CO4	Inculcating ethics while recording (true) observations	Strong-H	-	-	-	-	-	-	-	Weak-L	-	-	Weak-L	Weak-L	-
20					60	CO5	Teaching project management by learning to make the best use of available resources	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-	Weak-L	-	-	Weak-L	Weak-L	-
21	SEM II	070125209 - PR	TE7396	Software tools	60	CO1	Create formula with absolute and relative cell references using MS-Excel tool	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Weak-L	-	-
21					60	CO2	Understand the functioning of various MS-Excel command	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	Weak-L	-	-
21					60	CO3	Demonstrate the ability to use PowerPoint and its application	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	-	-	Strong-H	Moderate-M	-	Weak-L	-	-
21					60	CO4	Analyze the data by using statistical functions using MS-Excel tool	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	Weak-L	-	-
21					60	CO5	Create microsoft outlook profiles to configure it with an email account.	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H	-	-	-	-	-	-	Weak-L	-	-
22	SEM II	070125210 - PP	T6773	Creative thinking	60	CO1	Understand the importance of right brain directed thinking complementing left brain directed thinking	-	Strong-H	Weak-L	-	-	-	-	Strong-H	Weak-L	Strong-H	-	-	-	-
22					60	CO2	Infer and discover processes and methods of creative problem solving	Moderate-M	Strong-H	Moderate-M	-	Weak-L	-	Weak-L	-	Strong-H	Strong-H	-	Moderate-M	-	-
22					60	CO3	Enhance and correlate their creative and innovative thinking skills	Weak-L	Strong-H	Moderate-M	Moderate-M	-	-	Weak-L	-	Strong-H	Moderate-M	-	Moderate-M	-	-
22					60	CO4	Understand various disruptive innovations and techniques	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	-	Strong-H	Moderate-M	-	-	-	-
22					60	CO5	Analyze and apply various tools of creativity to some basic problem	Moderate-M	Strong-H	Moderate-M	-	-	-	-	-	Strong-H	Moderate-M	-	-	-	-
23	SEM III	070125301 - PP	T7635	Engineering Mathematics-III	60	CO1	Use Cauchy's residue theorem, Cauchy's integral theorem and Cauchy's integral formula to evaluate contour integrals.	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	Strong-H	-	Moderate-M	-	-
23					60	CO2	Represent the given function in Fourier integral representation, find Fourier transforms and inverse Fourier transforms.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	Strong-H	-	Moderate-M	-	-
23					60	CO3	Apply Z-transform to solve difference equations.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	Strong-H	-	Moderate-M	-	-
23					60	CO4	Describe the nature of partial differential equations and solve partial differential equations.	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H	-	Moderate-M	-	-

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24	SEM III	070125301-PR	T7635	engineering Mathematics III	60	CO1	Use Cauchys residue theorem, Cauchys integral theorem and Cauchys integral formula to evaluate contour integrals.	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	Strong-H	-	Moderate-M	-	-
24					60	CO2	Represent the given function in Fourier integral representation, find Fourier transforms and inverse Fourier transforms.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	Strong-H	-	Moderate-M	-	-
24					60	CO3	Apply Z-transform to solve difference equations.	Strong-H	Moderate-M	-	-	-	-	-	-	Strong-H	Strong-H	-	Moderate-M	-	-
24					60	CO4	Describe the nature of partial differential equations and solve partial differential equations.	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H	-	Moderate-M	-	-
25	SEM III	070125302-PP	TE7170	Strength of Materials	60	CO1	Understand and apply knowledge of stresses & strains to various materials in engineering.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
25					60	CO2	Develop an ability to resolve the forces applied on the system and able to draw Shear Force and Bending Moment Diagram.	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
25					60	CO3	Identify the intensity of bending stress and shear stress induced in various section of beam (i.e. I, C, T L, H sections, etc.)	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
25					60	CO4	Examine the intensity of torsional stress when the solid or hollow shaft is subjected to torsional moment.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
25					60	CO5	Understand and apply knowledge of principal stress, principal strain and Theories of Failure.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
25					60	CO6	Identify the slope and deflection of determinate beams and determine the radius of curvature and flexural rigidity.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
26	SEM III	070125303-PR	TE7367	Strength of Materials Lab	60	CO1	Conduct a tensile test on a mild steel and tor steel specimens to determine the yield strength, ultimate strength, youngs modulus of elasticity, percentage elongation, percentage reduction in area.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
26					60	CO2	Conduct a compression test on wood to determine the yield strength, ultimate strength, youngs modulus of elasticity, percentage deformation.	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
26					60	CO3	Conduct and measure the hardness value of different material specimens using Rockwell, Brinell and Vicker hardness tester.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
26					60	CO4	Study the behavior of the wooden specimen under bending and to determine elastic strength, moment of resistance, modulus of elasticity, modulus of rupture.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
26					60	CO5	Determine toughness of material that is ability of material to absorb energy during plastic deformation by conducting Izod impact test in the laboratory.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
26					60	CO6	Measure the effect of single and double shear on riveted and welded plates using shear fixture on UTM.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
27	SEM III	070125304-PP	TE7370	Material Science	60	CO1	Identify various types of crystal structures and use to understand various mechanical properties based on crystal structure.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	Strong-H	-

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27					60	CO2	Interpret the solidification process of pure metals and alloys and analyse different types of cooling curves and phase diagrams.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	Strong-H	-	
27					60	CO3	Analyse the iron-carbon diagram, and apply the knowledge of TTT and CCT curves to different heat treatment process.	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-	Strong-H	-
27					60	CO4	Analyse and categorize the properties and applications of ferrous, non-ferrous and advanced engineering materials.	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
27					60	CO5	Understand and select different powder metallurgy methods for different alloys.	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
28	SEM III	070125305 - PP	TE7390	Fluid Mechanics	60	CO1	Solve the various fluid static as well as kinematics problems appearing in the practical life.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28					60	CO2	Develop conservation laws for various to fluid flow problems.	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
28					60	CO3	Develop non-dimensional analysis using Buckingham pi theorem and/or scale laws for various fluid flow problems	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28					60	CO4	Analyze and evaluate various types of flows, related fluid losses appearing in flow through pipes.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28					60	CO5	Discover and evaluate the various fluid forces by applying the concept of boundary layer over basic geometries appearing in practical life and/or fluid applications	Strong-H	Strong-H	-	Moderate-M	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-
28					60	CO6	Build the fundamentals concepts required for compressible fluid flows and relevant systems	Strong-H	Strong-H	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-
29	SEM III	070125306 - PR	TE7368	Fluid Mechanics Lab	60	CO1	Describe the losses occurring when flow takes place through pipes with different materials, velocities and roughness values	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29					60	CO2	Demonstrate an understanding of the ship stability by deciding its metacentric height.	Strong-H	Strong-H	-	-	Moderate-M	-	-	-	-	-	-	-	-	-	-	-
29					60	CO3	State the effect of Reynolds number on the flow phenomena in closed conduits	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29					60	CO4	Undertake calibration of flow measuring devices like orifice plate and venturimeter and study their performance	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29					60	CO5	Perform systematic experiments to understand/verify Bernoullis theorem	Strong-H	Strong-H	-	-	Moderate-M	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-
29					60	CO6	Demonstrate an understanding of the electrical analogy method for applications involving flow/velocity determinations in a fluid flow situation	Strong-H	Strong-H	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-
30	SEM III	070125307 - PP	T7615	Measurement and Metrology	60	CO1	Understand basic concepts of metrology, measurement system, characteristics of measuring instruments, sources of error in measurement standards, calibration of measuring instruments, sensors and transducers and its application.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	Moderate-M	-	-	-

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32					60	CO5	Understand benefits and limitations of belts, ropes and chain drives and suggest the suitable drive for give application.	Strong-H	Moderate-M	-	Weak-L	-	-	-	-	-	-	-	-	-	-
32					60	CO6	Understand the concept of positive drive and suggest the applications where gears should be preferred over belts and rope drives.	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-	-
33	SEM III	070125310 - PR	T7940	Theory of Machines-I Lab	60	CO1	Understand the importance of the study of mechanisms machine in mechanical engineering.	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	Moderate-M	-	-	-	-	-
33					60	CO2	Develop kinematic diagrams of the real life mechanisms & identify its degrees of freedom	Moderate-M	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-
33					60	CO3	Analyze the given mechanisms for velocity & Acceleration of different points and links using vector polygon approach.	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-
33					60	CO4	Design required cam profile for the required output motion for various types of follower motions.	Moderate-M	Moderate-M	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-
33					60	CO5	Understand benefits and limitations of belts, ropes and chain drives and suggest the suitable drive for give application.	Strong-H	Moderate-M	-	Weak-L	-	-	-	-	-	-	-	-	-	-
33					60	CO6	Understand the concept of positive drive and suggest the applications where gears should be preferred over belts and rope drives.	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-	-
34	SEM III	070125311 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M	Weak-L	-	Strong-H	Weak-L	Strong-H
34					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Weak-L	-	-	-	-	-	Moderate-M	Moderate-M	Strong-H	Weak-L	-	Moderate-M	Weak-L	Strong-H
34					60	CO3	To train students to perform First aid and CPR in an emergency..	-	-	-	-	-	-	-	Weak-L	Weak-L	Weak-L	-	Strong-H	Weak-L	Strong-H
34					60	CO4	Develop an understanding of the key concepts, definitions a key perspectives of All Hazards Emergency Management .	-	-	-	-	-	-	Weak-L	Weak-L	Strong-H	Weak-L	-	Moderate-M	Weak-L	Strong-H
34					60	CO5	Develop a basic under understanding of Prevention, Mitigation, Preparedness, Response and Recovery	-	-	-	-	-	-	Moderate-M	Weak-L	Moderate-M	Weak-L	-	Moderate-M	Weak-L	Strong-H
35	SEM III	070125312 - PP	T6184	Basic German I	60	CO1	Basic greetings and introducing yourself in German	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
35					60	CO2	Numbers, nationalities, languages, professions in German.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
35					60	CO3	Talking about free time activities, likings, Family members	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
35					60	CO4	To be able to tell time, daily routine, classroom objects.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
36	SEM III	070125313 - PP	T6186	Basic French I	60	CO1	To learn how to greet, start an initial conversation with french speaking people or colleagues from France or Francophone countries.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
36					60	CO2	To be able to introduce oneself or someone else in french.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
36					60	CO3	To talk about ones likes, dislikes, activities, family, etc.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
36					60	CO4	To be able to ask basic questions to get information related to managing oneself in France or francophone countries.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-

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36					60	CO5	To learn vocabulary related to objects, places around us, time, etc.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
37	SEM IV	070125401-PP	T8000	Service Learning	60	CO1	Illustrate the goals and understand importance of service learning activities in day today life.	-	Moderate-M	-	Weak-L	Weak-L	Strong-H	-	Strong-H	-	Strong-H	Weak-L	Strong-H	-	-
37					60	CO2	Discuss the problems and possible solutions of different communities like rural communities, school children, old age groups etc.	-	Strong-H	Weak-L	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	-	Moderate-M	-	-
37					60	CO3	Explain the objectives, methodology, implication and obstacles of service learning activity in order to know the suitable method to solve various issues of communities.	Moderate-M	-	Moderate-M	-	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	-	Moderate-M	-	-	-
37					60	CO4	Construct and design the project and explain the importance of the project and discuss the possible outcomes and assign tasks to students.	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Strong-H	-	-
37					60	CO5	Engage students in projects and community based practices to solve the real world problems using their engineering skills.	-	Weak-L	Weak-L	-	-	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	-
37					60	CO6	Students, faculties, communities, and organizations will take part in modifying, implementing, and recommending the best solution to solve the problem associated with different communities.	Moderate-M	-	Strong-H	-	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-
38	SEM IV	070125402-PP	T7632	Statistics, Probability and Numerical Methods	60	CO1	Use numerical methods to solve algebraic and transcendental equations.	Strong-H	Strong-H	-	-	-	Weak-L	-	-	Strong-H	-	-	Strong-H	-	-
38					60	CO2	Apply interpolation formulae to predict the value of any intermediate term and evaluate integration by numerical methods.	Strong-H	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	Strong-H	-	-	Strong-H	-	-
38					60	CO3	Determine numerical solutions of ordinary differential equations.	Strong-H	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	Strong-H	-	-	Strong-H	-	-
38					60	CO4	Calculate measures of dispersions, coefficient of variation, coefficient of correlation.	Strong-H	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	Strong-H	-	-	Strong-H	-	-
38					60	CO5	Estimate the value of dependent variable using regression analysis.	Strong-H	Strong-H	Strong-H	Weak-L	-	Weak-L	-	-	Strong-H	-	-	Strong-H	-	-
38					60	CO6	Compute probabilities using probability distributions (discrete and continuous).	Strong-H	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	Strong-H	-	-	Strong-H	-	-
39	SEM IV	070125403-PR	T7700	Statistics, Probability and Numerical Methods lab	60	CO1	Use Matlab Built in functions to carry out matrix operations. Calculate Eigen values, Eigen vectors using MATLAB.	Strong-H	Strong-H	-	-	-	Weak-L	-	-	Strong-H	-	-	Strong-H	-	-
39					60	CO2	Compute solution of system of simultaneous equations by gauss elimination.	Strong-H	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	Strong-H	-	-	Strong-H	-	-
39					60	CO3	Write a code to evaluate numerical interpolation, differentiation and integration.	Strong-H	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	Strong-H	-	-	Strong-H	-	-
39					60	CO4	Find numerical solution of ordinary differential equations using Matlab code.	Strong-H	Strong-H	Moderate-M	Weak-L	-	Weak-L	-	-	Strong-H	-	-	Strong-H	-	-
39					60	CO5	Write Matlab code for solving partial differential equations using finite difference methods.	Strong-H	Strong-H	Strong-H	Weak-L	-	Weak-L	-	-	Strong-H	-	-	Strong-H	-	-
39					60	CO6	Use R software to carry out statistical computations	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	-	-	Strong-H	-	-	Strong-H	-	-

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47					60	CO6	Ability to understand the fundamentals of vibration and Noise	Weak-L	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-
48	SEM IV	070125412 - PP	T6760	Entrepreneurship	60	CO1	To familiarize the students with basics of entrepreneurship, its advantages & challenges	-	Moderate-M	Weak-L	Weak-L	Moderate-M	Strong-H	-	-	Moderate-M	-	-	-	-	-
48					60	CO2	To understand foundation of starting a business – from generating an idea to its implementation	-	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
48					60	CO3	To identify various institutions supporting business ventures including government support	-	-	Weak-L	-	Moderate-M	Weak-L	-	-	Weak-L	Moderate-M	-	Weak-L	Weak-L	-
49	SEM V	070125501 - PP	T7620	I. C. Engines	60	CO1	Understand and apply the IC Engines fundamentals to various thermodynamic processes	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-
49					60	CO2	Illustratethe need and importance of study of Internal combustion engine for mechanical engineers.	Weak-L	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-
49					60	CO3	Identify and compare the relative merits, demerits and applications of different systems and components in an engine.	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-
49					60	CO4	Explain the functioning of Fuel system in SI and CI Engine and identificationof advanced systems in engine such as Electronic ignition system, M.P.F.I. system etc.	Weak-L	Moderate-M	-	Moderate-M	-	-	-	Strong-H	-	-	-	-	-	-
49					60	CO5	Explain the construction and Functioning of different types of engine including their limitations.	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-
49					60	CO6	Discuss different types of air charging systems.	Strong-H	-	-	-	-	-	-	Strong-H	-	-	-	-	-	-
49					60	CO7	Discuss the construction and working of different supporting systems such as ignition system, engine cooling system, lubrication system, governing system etc.	Weak-L	-	-	Strong-H	-	-	-	Strong-H	-	-	-	-	-	-
49					60	CO8	Explain the combustion phenomenon in the IC engine and discuss the effect of air-fuel ratio on the combustion in the IC engine.	Moderate-M	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-	-	-
49					60	CO9	Importance of cooling and lubrication system in the automobile, illustrate different types of cooling and lubrication system and explain the working of lubrication system.	Weak-L	-	-	Strong-H	-	-	-	-	-	-	-	-	-	-
49					60	CO10	Discuss the importance of testing of an engine such as fuel consumption rate, brake power, indicated horsepower and friction, horse power, performance of S.I. and C.I. Engine and demonstrate and experiment with dynamometer.	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	Strong-H	-
49					60	CO11	Explain the effect of various exhaust gases on the emission and demonstrate how to minimize them by using different solution such as catalytic convertor, EGR, Fuel injection timing, Fuel injection pressure, etc.	Moderate-M	-	-	-	Moderate-M	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	-	-
50	SEM V	070125502 - PR	T7625	I.C. Engines Lab	60	CO1	Illustrate andunderstandthe need and importance of study of internal combustion technologies.	Moderate-M	Strong-H	-	Strong-H	-	Strong-H	Moderate-M	Strong-H	-	-	-	Moderate-M	-	-
50					60	CO2	Explain the different Engine technologies such as electronic ignition system, M.P.F.I. DTSI, TDI, CDI system etc.	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H	-	Moderate-M	-	-	-	-	Moderate-M	-	-

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50					60	CO3	Discuss the importance of engine testing and demonstrate and experiment with dynamometer.	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	-	Strong-H	Strong-H	-	-		
50					60	CO4	Explain the effect of various exhaust gases on the environment and demonstrate how to minimize them by using different techniques.	Strong-H	Weak-L	-	Weak-L	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Strong-H	-	Weak-L	-	-		
51	SEM V	070125503-PP	T7640	Machine Design II	60	CO1	Understand the design and mechanism of different clutches and brakes. Also analyze the importance of clutch and braking system in Vehicles.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
51					60	CO2	Understand design and analyze the spur, helical gears with respect to tooth bending strength and wear strength.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
51					60	CO3	Understand the design and mechanism of bevel gear. Also understands the importance of bevel gears in differential unit.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
51					60	CO4	Understand the principle operation of bearings, and the properties of lubricants. Also analyze and design the different parts of IC Engine.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	
52	SEM V	070125504-PP	TE7353	CAD & CAM	60	CO1	Acquire fundamental understanding about the product cycle using CAD/CAM and the role of hardware and software in this process.	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-	Strong-H	Strong-H	
52					60	CO2	Understand mathematical representation of curves and surfaces and their application	Strong-H	Weak-L	Weak-L	-	-	-	-	-	-	-	-	-	-	-	Strong-H	Strong-H
52					60	CO3	Understand various geometric modeling representations and to apply engineering mathematics (related to matrices) to understand transformation systems	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	-	-	-	-	-	-	Strong-H	Strong-H
52					60	CO4	Understand and apply computer aided manufacturing principles to perform NC programming	Strong-H	Strong-H	Moderate-M	-	Moderate-M	-	-	-	-	-	-	-	-	-	Strong-H	Strong-H
52					60	CO5	Understand integrated manufacturing, robotics ,flexible manufacturing systems and group technology to realize use of computers in manufacturing industry	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	Strong-H	Strong-H
53	SEM V	070125505-PR	F0002	CAD & CAM Lab	60	CO1	Understand and apply various sketching commands to make a 2D sketch by using sketch module in CAD software.	Strong-H	Moderate-M	-	-	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	Strong-H
53					60	CO2	Understand and apply various basic commands like extrude, hole, chamfer, revolve etc. to make a 3D drawing using part module of CAD software.	Strong-H	Moderate-M	-	-	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	Strong-H
53					60	CO3	Prepare Front, top and side view of a 3D model (with dimensions) using drafting (drawing) module of CAD software.	Strong-H	Moderate-M	-	-	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	Strong-H
53					60	CO4	Prepare assembly of mechanical components using assembly module of CAD software.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	Strong-H
53					60	CO5	Understand various basic parts of and operations done on CNC machine.	Strong-H	Weak-L	-	-	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	Strong-H
54	SEM V	070125506-PP	T6749	Heat Transfer	60	CO1	To understand the basic laws of heat transfer.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	Weak-L	-	

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54					60	CO2	Understand and use of conductive heat transfer, minimum thickness of insulation. Develop solutions for transient heat transfer in simple geometries	Strong-H	Moderate-M	-	-	Weak-L	-	-	-	-	-	-	Moderate-M	Moderate-M	Moderate-M
54					60	CO3	Understand and use convective heat transfer. Analyse and apply empirical correlations in connection with the heat transfer at convection	Moderate-M	Strong-H	-	-	-	-	Weak-L	-	-	-	-	Moderate-M	Strong-H	Strong-H
54					60	CO4	Understand and use radiative heat transfer	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	Weak-L	-	-	Weak-L	Strong-H	Strong-H
55	SEM V	070125507-PR	TE7290	Heat Transfer Lab	60	CO1	Perform an experiment for finding the thermal conductivity of metal rod and insulating powder	Moderate-M	Strong-H	Moderate-M	Weak-L	-	Moderate-M	Moderate-M	-	Strong-H	-	-	Weak-L	Strong-H	-
55					60	CO2	Compare between natural convection and forced convection through experimentations	Weak-L	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	-	-	Weak-L	Weak-L	-
55					60	CO3	Understand and use convective heat transfer. Analyse and apply empirical correlations in connection with the heat transfer at convection	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	-	-	Weak-L	-	Strong-H
55					60	CO4	Discuss the distribution of temperature along the length of a pin fin and its usage in practical applications	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	-	-	Moderate-M	Strong-H	Strong-H
56	SEM V	070125508-PP	T7621	Mechatronics	60	CO1	Explain the characteristics of transducers, sensors and measuring devices and Interpret the factors that contribute to errors in measurements, such as non-linearity, hysteresis and dead band.	Strong-H	Moderate-M	-	-	-	-	-	-	Weak-L	-	-	Moderate-M	Moderate-M	-
56					60	CO2	Understand and analyze different transducers such as LVDT, thermocouples, thermistors, and electromagnetic flow meters, measurement of speed, pressure and level.	Strong-H	Moderate-M	-	-	-	-	-	-	Weak-L	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M
56					60	CO3	Understanding basic electronics of signal conditioning.	Strong-H	-	-	-	Moderate-M	-	-	-	Weak-L	-	Moderate-M	Moderate-M	Moderate-M	-
56					60	CO4	Comprehend the concept of PLC system and its ladder programming, and significance of PLC systems in industrial application.	Strong-H	Moderate-M	-	-	Moderate-M	-	-	-	Weak-L	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M
56					60	CO5	Illustrate distributed control systems, hierarchical control systems and examine its applications in the process control industry.	Strong-H	-	-	-	-	-	-	-	Weak-L	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M
57	SEM V	070125509-PR	TE7355	Mechatronics Lab	60	CO1	Develop a clear understanding about the basics of Mechatronics and building blocks of logic gates.	Strong-H	-	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-
57					60	CO2	Analyze strain and displacement sensors.	Strong-H	-	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	Moderate-M	-
57					60	CO3	Understand and exemplify measurement of temperature using Thermocouple and Resistance Temperature Detector.	Strong-H	-	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	Moderate-M	-
57					60	CO4	Demonstrate use of modern software such as modelling using Labview and Simulink software for modelling and analysis.	Strong-H	-	-	Strong-H	-	-	-	Moderate-M	-	-	-	Strong-H	Moderate-M	-
57					60	CO5	Explain and perform basic signal conditioning with Astable Multivibrator, Flip-flop and OPAMP. Understand and illustrate CNC machine as Mechatronics system and perform basic PLC programming.	Strong-H	-	-	Moderate-M	-	-	-	Moderate-M	-	-	-	Strong-H	Moderate-M	-

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58	SEM V	070125510 - PP	TE7435	Production Management	60	CO1	To gain an understanding and appreciation of the principles and applications relevant to the planning, design, and operations of manufacturing/service firms.	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
58					60	CO2	To understand various layout in an organization and its importance.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-
58					60	CO3	Explain the importance of forecasting and demonstrate the ability to apply some mathematical forecasting techniques.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-
58					60	CO4	Importance of demand in capacity planning and aggregate planning, their techniques and utilization in industry	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-
58					60	CO5	Illustrate the different concepts of production planning and control (PPC) and define the functions of PPC.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-
58					60	CO6	Demonstrate the concept of TPM and illustrate various maintenance techniques	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59	SEM V	070125511 - PP	TE7434	Foundation of Ethics	60	CO1	To impart the students with the tenets of ethics which are part of daily life.	-	-	-	-	-	Moderate-M	-	Strong-H	-	-	-	-	-	-	-
59					60	CO2	To inculcate the ethical behaviour in the students.	-	-	-	-	-	Moderate-M	-	Moderate-M	-	-	-	-	-	-	-
59					60	CO3	To gain knowledge about the method by which we categorize ones values and pursue them.	-	-	-	-	-	Moderate-M	-	Strong-H	-	-	-	-	-	-	-
59					60	CO4	To study what is right and wrong in human endeavors.	-	-	-	-	-	Moderate-M	-	Strong-H	-	-	-	-	-	-	-
60	SEM V	070125707 - PR	T7802	Machine design II	60	CO1	Understand the design and mechanism of different clutches and brakes. Also, analyze the importance of clutch and braking system in Vehicles.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
60					60	CO2	Understand design and analyze the spur, helical gears with respect to tooth bending strength and wear strength.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
60					60	CO3	Understand the design and mechanism of bevel gear. Also understands the importance of bevel gears in differential unit.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
60					60	CO4	Understand the principle operation of bearings, and the properties of lubricants. Also analyze and design the different parts of IC Engine.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
61	SEM VI	070125601 - PP	TE7357	Refrigeration and Air Conditioning	60	CO1	To understand the meaning of refrigeration and air refrigeration cycles application in aircraft refrigeration system.	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-
61					60	CO2	To understand about how to analysis vapour compression refrigeration cycle using p-h and T-s diagrams.	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-
61					60	CO3	To understand how to analyze the vapour Absorption refrigeration system	Moderate-M	Moderate-M	-	Weak-L	Moderate-M	-	-	-	-	-	-	-	-	-	-
61					60	CO4	Understand properties and applications of refrigerants and their effect on environment.	Moderate-M	Weak-L	-	-	-	Strong-H	Moderate-M	-	-	-	-	Moderate-M	-	-	-
61					60	CO5	Use of psychometric properties for analyzing air-conditioning systems.	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	Weak-L	-	-	-

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64					60	CO4	Investigate and model numerically the multi-dimensional structural and heat transfer problems using Finite Element Method (FEM). Also use CAD/CAE software to solve the proposed models.	Strong-H	Strong-H	Weak-L	-	Strong-H	-	-	-	-	-	-	-	-	-
64					60	CO5	Apply knowledge and skills from mechanics and numerical methods to effectively evaluate dynamic problems.	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	-	-	-	-	-
65	SEM VI	070125604 - PR	T7802	Finite Element Methods Lab	60	CO1	Design and analyze 1D structural problem using commercial software, and compare results with classical solutions.	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	-	-	-	-	-	-	-	-
65					60	CO2	Design and analyze beam problems using ANSYS, commercial software, and compare results with classical solutions.	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-
65					60	CO3	Design and analyze 2D problems using ANSYS, commercial software, and compare results with classical solutions.	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	-	-	-	-	-	-	-	-
65					60	CO4	Prepare 3D model of a part and analyze it using ANSYS.	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	-	-	-	-	-	-	-	-
65					60	CO5	Formulate dynamic problem using ANSYS and evaluate modal frequencies.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	-	-	-	-	-	-	-	-
65					60	CO6	Formulate 1D & 2D heat transfer problem using ansys	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H	-	-	-	-	-	-	-	-
66	SEM VI	070125605 - PP	T6774	Engineering Design Optimization	60	CO1	Understand the importance of optimization techniques in engineering.	Strong-H	-	-	-	-	-	-	-	-	-	Weak-L	-	-	-
66					60	CO2	Apply basic concept of mathematics to formulate the optimization problems.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Moderate-M	-	-	-
66					60	CO3	Select and apply appropriate classical optimization methods for one-dimensional and multi-dimensional problems.	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	Weak-L	-	-	-
66					60	CO4	Construct and solve constraint optimization problems.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	Strong-H	-	-	-
66					60	CO5	Apply optimization techniques to various engineering applications.	Strong-H	Strong-H	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	-	-	-
67	SEM VI	070125606 - PP	T7607	Project planning and charter	60	CO1	Form a group of 3 to 4 students and search for a project topic	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
67					60	CO2	Carry out feasibility study and estimate a fairly accurate costing of the project	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
67					60	CO3	Prepare project synopsis.	Strong-H	-	-	-	-	-	-	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
68	SEM VI	070125608 - PP	TE7395	Computational Fluid Dynamics	60	CO1	Develop basic governing equations for fluid and heat flow by examining the physical boundary conditions.	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	-	-	-	-	-
68					60	CO2	Construct finite difference based equations according to the nature (i.e. elliptic, parabolic and hyperbolic) of the flow problem.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-
68					60	CO3	Decide and implement various implicit and explicit CFD schemes to solve steady and unsteady 1/2/3 dimensional fluid problems.	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	-	-	-	Strong-H	-
68					60	CO4	Analyze and evaluate various finite volume based CFD schemes to solve convection-diffusion problems	Strong-H	Strong-H	Strong-H	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-

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68					60	CO5	Solve incompressible flow problems with considerations of geometry, mesh, flow physics, physical boundary conditions, turbulence, etc.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	
69	SEM VI	070125609 - PP	TE7362	Jigs and Fixtures	60	CO1	Understand and differentiate between the applications of Jigs and Fixtures.	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-	-	-
69					60	CO2	Apply their knowledge in selection of proper work holding devices for manufacturing process.	Strong-H	Moderate-M	-	-	Strong-H	-	-	-	-	-	-	-	-	-	-
69					60	CO3	Design appropriate jigs and fixtures for different manufacturing operations.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	-	-	-	-	-	-	-
69					60	CO4	Understand metal cutting tools and identify various tool parameters.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	-	-	-	-	-	-	-
69					60	CO5	Apply the knowledge of fits and tolerances in design of jigs and fixtures.	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-
70	SEM VI	070125611 - PR	T7802	Computational Fluid Dynamics Lab	60	CO1	Develop and solve the numerical model for incompressible laminar flow.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-	-	-	Strong-H	-	-
70					60	CO2	Develop and solve the numerical model for incompressible turbulent flow.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-	-	-	Strong-H	-	-
70					60	CO3	Develop and solve the numerical model for flows involving heat transfer.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-	-	-	Strong-H	-	-
70					60	CO4	Translate mathematical models into numerical models by developing appropriate programs (C or MATLAB).	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-	-	-	Strong-H	-	-
70					60	CO5	Develop and solve the numerical model for unsteady incompressible flow.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-	-	-	Strong-H	-	-
70					60	CO6	Develop and solve the numerical model for compressible laminar flow.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-	-	-	Strong-H	-	-
71	SEM VI	070125612 - PR	TE7384	Jigs and Fixtures Lab	60	CO1	Design and Draw different clamps and work holding devices for manufacturing process	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-
71					60	CO2	Design and Draw different jigs for different manufacturing operations	Moderate-M	Moderate-M	Strong-H	-	-	-	-	-	-	-	-	-	-	Weak-L	-
71					60	CO3	Design and Draw different Fixtures for different manufacturing operations	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	Weak-L	-
71					60	CO4	Apply the knowledge of fits and tolerances in design of jigs and fixtures	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-
72	SEM VI	070125614 - PP	TE7363	Automobile Engineering	60	CO1	Realize the need and importance of study of automobile engineering for mechanical engineers. Identify and compare the relative merits, demerits and applications of different systems and components in an Automobile.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	Weak-L
72					60	CO2	Discuss the construction and working of different types clutch including their limitations	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	Moderate-M
72					60	CO3	Compare different types of gear box, working of automatic gear box and discuss the construction and working of different transmission layo	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	Moderate-M

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72					60	CO4	Compare the construction and working of different suspension systems. Discuss the concept of dependent and independent suspension sy	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	Moderate-M
72					60	CO5	Compare the construction and working of different types braking system, applicability of braking system to cater to need of specific condition including their limitations.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	Moderate-M
72					60	CO6	Understand and discuss steering system and the concept of power steering.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	Moderate-M
72					60	CO7	Understand and explain electrical systems and subsystems	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	Weak-L
73	SEM VI	070125615-PP	TE7374	Flexible Manufacturing Systems	60	CO1	To impart knowledge on Production system, group technology, Flexible manufacturing system and its implementation.	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	Moderate-M	Weak-L
73					60	CO2	Knowledge of Computer aided process planning (CAPP).	Moderate-M	Strong-H	-	-	-	-	-	-	-	-	-	-	Moderate-M	Weak-L
73					60	CO3	Automated storage and retrieval system.	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	Moderate-M	Weak-L
73					60	CO4	Understanding of Automatic Quality Control System.	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	Moderate-M	Weak-L
74	SEM VI	070125617-PP	TE7369	Nanotechnology	60	CO1	Understand the concept of nanoscale materials and quantum effects governing the behavior of these materials.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
74					60	CO2	Understand the nature and properties of nanomaterials.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
74					60	CO3	Describe top-down and bottom-up approaches to synthesize various types of nanomaterials.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
74					60	CO4	Categorize nanomaterials and understand their structure and properties using data from analytical tools like XRD and UV-Vis.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
74					60	CO5	Demonstrate the knowledge of properties of nanomaterials and their application in current technology development	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-
75	SEM VI	070125618-PP	TE7360	MATLAB	60	CO1	Perform basic operations on matrices in MATLAB.	Moderate-M	Moderate-M	-	-	Strong-H	-	-	-	-	-	-	-	-	-
75					60	CO2	Create user define functions and write various scripts	Moderate-M	Moderate-M	-	-	Strong-H	-	-	-	-	-	-	-	-	-
75					60	CO3	Plot various 2-D and 3-D plots	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	-	-	-	-	-	-	-	-	-
75					60	CO4	Solve ordinary differential equation using MATLAB and Simulink	Weak-L	Strong-H	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-
76	SEM VI	070125619-PP	TE7378	Soft skills	60	CO1	Develop all- round personality with a mature outlook to function effectively in different circumstances.	-	-	-	-	-	-	-	Weak-L	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	-
76					60	CO2	Conduct effective business correspondence and prepare business reports.	-	-	-	-	-	-	-	-	Strong-H	Strong-H	-	Moderate-M	Weak-L	-
76					60	CO3	Comprehend the significance of soft skills and develop their soft skills.	-	-	-	-	-	-	-	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	-
76					60	CO4	Employ etiquette and effective communication in written communication.	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	Moderate-M	-	Weak-L	-

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76					60	CO5	Demonstrate effective communication skills in business environment.	-	-	-	-	-	-	-	Weak-L	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L	-	
77	SEM VI	070125620 - PP	T7611	Energy Studies	60	CO1	To recognize the challenges in the field of energy engineering, to provide a perspective on energy technology.	Moderate-M	Weak-L	Weak-L	Weak-L	-	Moderate-M	-	-	-	-	-	-	-	-	-
77					60	CO2	To learn several forms of energy sources and its % proportion across the world	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-	-	-
77					60	CO3	To develop knowledge on energy conversion systems.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	Weak-L	-	-	-
77					60	CO4	To Learn solar energy, wind energy, Geothermal Energy, Ocean Thermal Energy Conversion (OTEC) Fuel cells and Biomass .	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-	-	Moderate-M	-	-	-
77					60	CO5	To Gain knowledge about energy measurement instruments and methods.	Moderate-M	-	-	-	-	-	-	-	-	-	-	Weak-L	-	-	-
78	SEM VII	- PP		Operations Research	60	CO1	Explain the concepts of linear programming and simplex methods.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-
78					60	CO2	Identify and apply the mathematical tools from algebra and calculus for the solution methods for linear programming, transportation and assignment models.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-
78					60	CO3	Evaluate and review the network, determine the critical path and estimate the cost of the project.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-
78					60	CO4	Compare the various replacement / inventory models and choose the best alternative with minimum maintenance cost/ inventory costs.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-
78					60	CO5	Develop proficiency with tools from probability, statistics and simulation, and apply them to the queuing situations in the service industry to minimize the customers / clients waiting period for service delivery.	Moderate-M	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-
78					60	CO6	Introduce the dynamic programming structure and applications of dynamic programming	Moderate-M	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-
79	SEM VII	070121708 - PP	TE7417	Tribology	60	CO1	To understand the concept of friction wear and lubrication	Strong-H	-	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-
79					60	CO2	Differentiate various types of wear and friction and to understand the effect of coefficient of friction on wear properties of different materials.	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-	-
79					60	CO3	To analyze the dynamic and static strength of materials based on fatigue failure theories concepts and their application to design of bearing.	Moderate-M	Weak-L	Strong-H	-	-	-	-	-	-	-	-	-	-	-	-
79					60	CO4	Recognize the working of bearings under different lubricating conditions.	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Weak-L	Weak-L	Weak-L	-	-
80	SEM VII	070121709 - PP	TE7418	Automobile Engineering	60	CO1	Realize the need and importance of study of automobile engineering for mechanical engineers. Identify and compare the relative merits, demerits and applications of different systems and components in an Automobile.	Strong-H	Strong-H	-	-	-	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	-	-

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80					60	CO2	Discuss the construction and working of different types clutch including their limitations	Strong-H	Strong-H	-	-	-	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	-
80					60	CO3	Compare different types of gear box, working of automatic gear box and discuss the construction and working of different transmission layo	Strong-H	Strong-H	-	-	-	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	-
80					60	CO4	Compare the construction and working of different suspension systems. Discuss the concept of dependent and independent suspension sy	Strong-H	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	-
80					60	CO5	Compare the construction and working of different types braking system, applicability of braking system to cater to need of specific condition including their limitations.	Strong-H	Strong-H	-	-	-	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	-
80					60	CO6	Understand and discuss steering system and the concept of power steering.	Strong-H	Strong-H	-	-	-	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	-
80					60	CO7	Understand and explain electricalsystems and subsystems	Strong-H	Weak-L	-	-	-	-	-	-	Moderate-M	Moderate-M	-	Moderate-M	Moderate-M	-
81	SEM VII	070121711 - PP	TE7216	Basic German I	60	CO1	Basic greetings and introducing yourself in German	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
81					60	CO2	To study what is right and wrong in human endeavors.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
81					60	CO3	Talking about freetime activities, likings, Family members	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
81					60	CO4	To be able to tell time, daily routine, classroom objeccts	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
82	SEM VII	070121712 - PP	TE7219	Basic German II	60	CO1	Students can construct / use simple sentences or everyday expressions when dealing with various situations in daily life (e.g. at the airport, in a supermarket, at the Hotel etc)	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
82					60	CO2	He/she can introduce him/herself and others and talk about others and themselves e.g. hobbies, and personal details where do they come from etc.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
82					60	CO3	Can read and understand medium level difficulty level texts and solve questions based on the same.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
82					60	CO4	Can communicate in a simple manner. Can respond to simple and uncomplicated speech.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
83	SEM VII	070121713 - PP	TE7231	Basic French I	60	CO1	To learn how to greet, start initial conversation with french speaking people/colleagues from France / Francophone countries.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
83					60	CO2	To be able to introduce oneself or someone else in french	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
83					60	CO4	To be able to ask basic questions to get information related to managing oneself in France or francophone countries.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
83					60	CO5	To learn vocabulary related to objects, places around us, time etc.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-

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84	SEM VII	070121714 - PP	TE7419	Basic French II	60	CO1	Students can construct / use simple sentences or everyday expressions when dealing with various situations in daily life (e.g. at the airport, in a supermarket, at the Hotel etc)	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
84					60	CO2	He/she can introduce him/herself and others and talk about others and themselves e.g. hobbies, and personal details where do they come from etc.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
84					60	CO3	Can read and understand medium level difficulty level texts and solve questions based on the same.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
84					60	CO4	Can communicate in a simple manner. Can respond to simple and uncomplicated speech.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
84					60	CO5	To develop intercultural and communicative skills	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
85	SEM VII	070121717 - PP	TE7422	Basics of Microeconomics	60	CO1	Define the terms and understand the concepts of microeconomics	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
85					60	CO2	Have the basic skills to recognize microeconomic problems.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
86	SEM VII	070121718 - PP	TE7423	Basics of Macroeconomics	60	CO1	Define the terms and understand the concepts of macroeconomics	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
86					60	CO2	Have the basic skills to recognize macroeconomic problems.	-	-	-	-	-	Moderate-M	-	-	-	Strong-H	-	-	-	-
87	SEM VII	070121726 - PP	TE7195	MATLAB	60	CO1	Perform basic operations on matrices in MATLAB.	Moderate-M	Moderate-M	-	-	Strong-H	-	-	-	-	-	-	-	-	-
87					60	CO2	Create user define functions and write various scripts	Moderate-M	Moderate-M	-	-	Strong-H	-	-	-	-	-	-	-	-	-
87					60	CO3	Plot various 2-D and 3-D plots	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H	-	-	-	-	-	-	-	-	-
87					60	CO4	Solve ordinary differential equation using MATLAB and Simulink	Weak-L	Strong-H	Weak-L	-	Strong-H	-	-	-	-	-	-	-	-	-
88	SEM VII	070121729 - PP	T7650	Six Sigma	60	CO1	To gain an understanding and appreciation of different dimensions of quality and quality tools.	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	-
88					60	CO2	Explain the importance of sigma level and demonstrate the ability to apply some mathematical forecasting techniques	Moderate-M	-	Weak-L	Strong-H	Moderate-M	Strong-H	-	-	Moderate-M	-	Weak-L	-	Moderate-M	-
88					60	CO3	Explain the importance of quality control and apply techniques to measure quality control	Weak-L	-	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
89	SEM VII	070121730 - PP	T7394	Nanotechnology	60	CO1	Understand the concept of nanoscale materials and quantum effects governing the behavior of these materials.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
89					60	CO2	Understand the nature and properties of nanomaterials.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
89					60	CO3	Describe top-down and bottom-up approaches to synthesize various types of nanomaterials.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
89					60	CO4	Categorize nanomaterials and understand their structure and properties using data from analytical tools like XRD and UV-Vis.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
89					60	CO5	Demonstrate the knowledge of properties of nanomaterials and their application in current technology development	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-

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90	SEM VII	070125702 - PP	TE7081	Total Quality Management	60	CO1	To gain an understanding and appreciation of different dimensions of quality and quality tools	Strong-H	Moderate-M	Weak-L	-	-	-	Weak-L	Weak-L	-	Weak-L	-	-	Strong-H	Moderate-M
90					60	CO2	Description of the various philosophies of evolution of quality.	Strong-H	Moderate-M	Moderate-M	-	-	-	Weak-L	Weak-L	-	Weak-L	-	-	Strong-H	Moderate-M
90					60	CO3	Explain the importance of quality control and apply statistical techniques to measure quality control.	Strong-H	Moderate-M	Weak-L	Weak-L	-	Weak-L	Weak-L	Weak-L	-	-	-	-	Strong-H	Moderate-M
90					60	CO4	To apply various quality improvement techniques and to understand quality management system	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	-	-	-	-	-	-
91	SEM VII	070125703 - PP	T7674	Environmental Studies	60	CO1	Understand about Multidisciplinary Nature of Environmental Studies and also the sustainable technologies for resource conservation	Strong-H	Weak-L	Weak-L	-	-	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	-	Moderate-M	Weak-L	Weak-L
91					60	CO2	Identify causes, effects, control measures and case studies of for different pollutions	Strong-H	Weak-L	Weak-L	-	-	Moderate-M	-	Weak-L	Weak-L	Weak-L	-	Strong-H	-	-
91					60	CO3	Identify and analyze the case studies related to industrial waste water treatment process	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
91					60	CO4	Identify various sources of solid wastes, their effects and latest management techniques	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M	-	Weak-L	Moderate-M	Moderate-M
91					60	CO5	Know about existing environmental laws and legislations and related case studies.	Moderate-M	Weak-L	-	Weak-L	-	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	-	Moderate-M	Moderate-M	Moderate-M
92	SEM VII	070125704 - PP	F0002	Mechanical System Design	60	CO1	Acquire knowledge of pressure vessel design.Calculate stresses in thin and thick cylinder	Moderate-M	Strong-H	Weak-L	Weak-L	-	-	-	-	-	-	-	-	-	-
92					60	CO2	Design Machine tool gear box for industrial application. Analyze the spindle speeds from optimum cutting speed point of view.	Moderate-M	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-
92					60	CO3	Evaluate the relation between different design variables of a given problem. Choose optimum values of the design variables for given constrai	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-
92					60	CO4	Apply statistical considerations in design. Find the reliability of a product under given condition.	Moderate-M	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-
92					60	CO5	Design material handling systems. Choose suitable material handling system for a given condition.	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-
92					60	CO6	Acquire knowledge of oil seal, circlip, washer, and casing for gear box.	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	-	-	-	Moderate-M	Weak-L
93	SEM VII	070125705 - PR	T7649	Mechanical System Design	60	CO1	Design pressure vessels, machine tool gear box and material handling systems	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Moderate-M	Weak-L
93					60	CO2	Prepare blue prints of mechanical systems using tolerances, surface finish etc.	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Moderate-M	Weak-L
93					60	CO3	Execute design process and Understand working of different of mechanical systems.	Moderate-M	Moderate-M	-	Strong-H	-	-	-	-	-	-	-	-	Moderate-M	Weak-L
93					60	CO4	Refine and optimize different design variables in a particular system.	Weak-L	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	Strong-H	-

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94	SEM VII	070125707 - PP	T7802	Non-Conventional Energy Sources	60	CO1	Identify the empirical and experimental modes of estimating the solar radiation availability on a horizontal and tilted location.	Strong-H	-	-	-	Strong-H	-	-	-	-	-	-	-	-	Strong-H	-
94					60	CO2	Describe solar photovoltaic systems and solar thermal power plant	Strong-H	Strong-H	-	-	Strong-H	-	-	-	-	-	-	-	-	Strong-H	-
94					60	CO3	Study geothermal energy, ocean thermal energy, tidal energy and fuel cells as alternative sources of energy.	Strong-H	-	-	-	Strong-H	-	-	-	-	Strong-H	-	-	-	Strong-H	-
94					60	CO4	Define and discuss biomass, energy generation from biomass, biogas and biogas plants.	Weak-L	Strong-H	-	-	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	Weak-L
95	SEM VIII	070121808 - PP	T7674	Power Plant Engineering	60	CO1	Classify and compare Steam, gas, Diesel and Hydro power plants, nuclear Power plants. Explain construction, and working of power plants. Explain siting considerations of power plants	Strong-H	-	-	-	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	-
95					60	CO2	Compare various types of reactors and explain site selection for reactor and waste disposal of the reactor	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	Moderate-M	-	-
95					60	CO3	Classify various type of fuels used in thermal power plant and explain their handling, combustion etc. Explain ash handling and dust collection mechanism, draught	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	Moderate-M	-	-
95					60	CO4	Describe structure of high pressure boilers, recognize features of HP boilers, understand working principles of HP boilers	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Moderate-M	-	-
95					60	CO5	Explain principle of Steam nozzles, variation of velocity and pressure, choking of nozzle, nozzle efficiency etc., Classify various types of nozzles and diffusers	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Moderate-M	-	-
95					60	CO6	Classify different types of condensers and explain Dalton's law of partial pressure, condenser efficiency, condenser vacuum and vacuum efficiency, etc.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	Moderate-M	-	-
95					60	CO7	Illustrate construction of various types of condensers and explain their functioning etc. Analyse effect of air on condenser efficiency	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	Moderate-M	-	-
95					60	CO8	Explain and analyze various economic factors associated with power generation like unit energy cost, load factor, plant capacity factor etc. Explain load curves and compare performance of different capacity power plants.	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	-	Moderate-M	-	-
96	SEM VIII	070121810 - PP	T7953	Industrial Fluid Power	60	CO1	Explain the different components used in a fluid power system and illustrate the basic principles and working of various hydraulic machines.	Weak-L	-	-	-	-	-	-	Strong-H	Strong-H	-	-	-	-	-	-
96					60	CO2	Explain the principle of working and constructional details of pumps. Select pump for hydraulic power transmission based on the characteristic curves and efficiency of pump.	Weak-L	Strong-H	-	-	-	-	-	Moderate-M	Strong-H	Strong-H	Moderate-M	-	-	-	-
96					60	CO3	Interpret the necessity of fluid control through direction control valve, pressure control valve and flow control valve.	Weak-L	Strong-H	-	-	-	-	-	Strong-H	Strong-H	Moderate-M	-	-	-	-	-

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96					60	CO4	Draw hydraulic and pneumatic circuits for practical applications.	Weak-L	Weak-L	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-
96					60	CO5	Explain the principle working of pneumatic system.	Weak-L	Strong-H	-	-	-	-	Moderate-M	Strong-H	Strong-H	-	-	-	-	-
96					60	CO6	Demonstrate the needed analytical skills in handling basic hydraulic and pneumatic calculations.	Strong-H	Weak-L	-	Strong-H	-	-	-	-	-	-	-	-	-	-
97	SEM VIII	070121811-PP	T7955	Machine Tool Design	60	CO1	Select the appropriate type of motor for machine tool drives based on considerations of continuous or intermittent requirements of power.	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-
97					60	CO2	Explain the need for arranging available spindle speeds in geometrical progression and design speed gear boxes for spindle drives and feed gear boxes	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-
97					60	CO3	Demonstrate the static and dynamic analysis of machine tool structures and design them based on considerations of static and dynamic stiffness.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-
97					60	CO4	Analyze the dynamic characteristic of the cutting process using stability analysis for the vibrations of machine tool structures	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-
97					60	CO5	Describe various components of and their applications in machine tool control systems	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-
97					60	CO6	Address considerations in the design of special features in machine tools and discuss special purpose machines	Moderate-M	Strong-H	-	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-
98	SEM VIII	070123801-PP	T7912	B. Tech Project	60	CO1	Use the available resources on the subject to identify problems and propose innovative solutions.	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-
98					60	CO2	Design and build socially relevant projects that meet the stated specifications.	-	-	-	Strong-H	-	Moderate-M	Moderate-M	-	-	-	-	-	-	Strong-H
98					60	CO3	Prepare and manage schedules and budgets that will ensure that projects are completed on time and within the planned budget.	-	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	-	-	-
98					60	CO4	Use the latest available software and hardware tools effectively to simulate, design, fabricate and test the performance of the product	-	-	-	-	Strong-H	-	-	-	-	-	-	-	Strong-H	-
98					60	CO5	Communicate ideas and solutions effectively both verbally and in writing.	-	-	-	-	-	-	-	-	Moderate-M	Strong-H	-	-	-	-
98					60	CO6	Act with integrity, show initiative and leadership and accept responsibility while working towards stated goals	-	-	-	-	-	-	Strong-H	-	Strong-H	-	-	-	-	-
99	SEM VIII	070125802-PP	T7802	Finite Element Methods	60	CO1	Develop the ability to generate the governing (differential equations) equations for mechanical systems and implement the basic finite elements procedures for structural and thermal applications using truss and beam elements.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	-	-
99					60	CO2	Identify and apply the mathematical tools from algebra, calculus and numerical methods for the solution of finite element problems.	Strong-H	Moderate-M	-	-	Strong-H	-	-	-	-	-	-	Moderate-M	Strong-H	-

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102	SEM VIII	070125803 - PR	T7674	Refrigeration and Air ConditioningTut	60	CO1	To understand the meaning of refrigeration, different refrigeration processes and application of air refrigeration in aircraft.	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	Strong-H	Weak-L
102					60	CO2	To understand about how to analysis vapour compression refrigeration cycle using p-h and T-s diagrams.	Weak-L	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	Strong-H	Strong-H
102					60	CO3	To understand, how to analyze the vapour Absorption refrigeration system, properties of refrigerants and their effect on environment.	Weak-L	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Weak-L	-	-	-	Strong-H	Strong-H
102					60	CO4	To understand different air-conditioning systems and how to use psychometric properties, for analyzing air conditioning system	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	Strong-H	Strong-H
103	SEM VIII	070125804 - PP	T7624	Industrial Automation and Robotics	60	CO1	Understand production systems and application of automation system in production systems.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	Strong-H	Strong-H
103					60	CO2	Understand industrial control system and its components.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	Weak-L	Strong-H	Strong-H
103					60	CO3	Understand basic components of robot and its applications.	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	Weak-L	Strong-H	Strong-H
103					60	CO4	Understand mechanism of robots and end effectors. Force analysis of grippers.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	Weak-L	Strong-H	Strong-H
103					60	CO5	Understand applications of automation in material handling equipmentsand identification methods.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
103					60	CO6	Understand applications of automation in different manufacturing systems.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
104	SEM VIII	070125805 - PR	T7622	Refrigeration and Air Conditioning Lab	60	CO1	Student can understand the functioning of various components of refrigeration and air conditioning systems.	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
104					60	CO2	Student can understandthe role of refrigerants in cooling applications as well as their impact on the environment	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
104					60	CO3	Student can recognize the engineering requirements and efficiency of ice plants	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
104					60	CO4	Understandthe differences between refrigeration and air conditioning. .	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-
104					60	CO5	To Diagnose faulty refrigeration and air conditioning systems symptomatically.	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
105	SEM VIII	070125806 - PR	TE7070	Industrial Automation and Robotics Lab	60	CO1	Study of CNC machine in detail Programming the CNC machines	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
105					60	CO2	Understand industrial control system and its components.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
105					60	CO3	Understand basic components of robot and its applications.	Strong-H	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	-
105					60	CO4	Understand mechanism of robots and end effectors. Force analysis of grippers.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	Moderate-M	Moderate-M	-
106	SEM VIII	070125807 - PR	T7645	Finite Element Methods Lab	60	CO1	Design and analyze 1D structural problem using commercial software, and compare results with classical solutions.	Strong-H	Strong-H	Weak-L	-	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	-

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106					60	CO2	Design and analyze beam problems using ANSYS, commercial software, and compare results with classical solutions.	Strong-H	Moderate-M	-	-	Strong-H	-	-	-	-	-	-	Moderate-M	Moderate-M	-
106					60	CO3	Design and analyze 2D problems using ANSYS, commercial software, and compare results with classical solutions.	Strong-H	Strong-H	-	-	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	-
106					60	CO4	Prepare 3D model of a part and analyze it using ANSYS.	Strong-H	Strong-H	Weak-L	-	Strong-H	-	-	-	-	-	-	Moderate-M	Moderate-M	-
106					60	CO5	Formulate dynamic problem using ANSYS and evaluate modal frequencies.	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	Strong-H	Strong-H	Moderate-M	Moderate-M	-
107	SEM VIII	070125809 - PP	TE7071	Computational Fluid Dynamics	60	CO1	Develop basic governing equations for fluid and heat flow by examining the physical boundary conditions.	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	-	-	Moderate-M	-	-
107					60	CO2	Construct finite difference based equations according to the nature (i.e. elliptic, parabolic and hyperbolic) of the flow problem.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Weak-L	-	-
107					60	CO3	Decide and implement various implicit and explicit CFD schemes to solve steady and unsteady 1/2/3 dimensional fluid problems.	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	-	-
107					60	CO4	Analyze and evaluate various finite volume based CFD schemes to solve convection-diffusion problems	Strong-H	Strong-H	Strong-H	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-
107					60	CO5	Solve incompressible flow problems with considerations of geometry, mesh, flow physics, physical boundary conditions, turbulence, etc.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	Moderate-M	Moderate-M	-	-	-	-	-
108	SEM VIII	070125809 - PR	TE7071	Computational Fluid Dynamics	60	CO1	Develop basic governing equations for fluid and heat flow by examining the physical boundary conditions.	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	-	-	Moderate-M	-	-
108					60	CO2	Construct finite difference based equations according to the nature (i.e. elliptic, parabolic and hyperbolic) of the flow problem.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Weak-L	-	-
108					60	CO3	Decide and implement various implicit and explicit CFD schemes to solve steady and unsteady 1/2/3 dimensional fluid problems.	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	-	-
108					60	CO4	Analyze and evaluate various finite volume based CFD schemes to solve convection-diffusion problems	Strong-H	Strong-H	Strong-H	-	-	-	-	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	-	-
108					60	CO5	Solve incompressible flow problems with considerations of geometry, mesh, flow physics, physical boundary conditions, turbulence, etc.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	Moderate-M	Moderate-M	-	-	-	-	-

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Technology Programme Name : Master of Technology (Computer Aided Design and Manufacture)

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
1					60	CO2	Demonstrate an understanding the logic of various stand-alone computer based systems in production planning.	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	
1					60	CO3	Understanding and implementation of various MRP,CRP and ERP techniques for production planning and control.	Strong-H	Strong-H	-	-	-	-	-	-	-	-	
1					60	CO4	Demonstrate an understanding knowledge for systematic planning and control of various activities of manufacturing	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	
2	SEM I	070142102 - PR	T7671	Seminar	60	CO1	Analyze the communication situation fully and accurately: needs, audiences, and users.	-	-	-	Strong-H	Moderate-M	-	-	Weak-L	-	-	
2					60	CO2	Organize and present material effectively	-	Moderate-M	-	Strong-H	Moderate-M	-	-	Weak-L	-	-	
2					60	CO3	Write technical reports based on observations/study	-	-	Weak-L	Strong-H	Moderate-M	-	-	Weak-L	-	-	
3	SEM I	070142103 - PP	TE7137	Computational Methods and Optimization	60	CO1	Discuss the application of numerical methods for solving a variety of engineering problems	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	
3					60	CO2	Understand the need, origin and general steps of optimization methods.	Strong-H	-	-	Strong-H	-	-	-	-	-	Strong-H	-
3					60	CO3	Construct optimization problems as mathematical programming problem statements.	Strong-H	-	-	Strong-H	Strong-H	-	-	Weak-L	-	-	

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3					60	CO4	Select appropriate optimization method to solve different unconstrained and constrained problems using classical optimization methods.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-
3					60	CO5	Understand the importance of Nature inspired optimization methods	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-
4	SEM I	070142104 - PP	T7927	Computer Aided Design	60	CO1	Develop a clear understanding about the need of Computer Aided Design (CAD) systems and the role of CAD in designing process.	Strong-H	-	-	Weak-L	-	-	-	-	-	-
4					60	CO2	Analyze the difference in conventional and CAD integrated Product Life Cycle.	Strong-H	-	-	Weak-L	-	-	-	-	-	-
4					60	CO3	Apply various transformation techniques to CAD models.	Strong-H	-	-	Weak-L	-	-	-	-	-	-
4					60	CO4	Analyze the difference in synthetic curves and surfaces used in applications like car body modeling, aircraft wings design, etc.	Strong-H	-	-	Weak-L	-	-	-	-	-	-
4					60	CO5	Create the different solid primitives using the different representation schemes.	Strong-H	Weak-L	-	Weak-L	-	-	-	-	-	-
4					60	CO6	Apply geometric transformations on the created wireframe, surface and solid models.	Strong-H	Weak-L	-	Weak-L	-	-	-	-	-	-

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5	SEM I	070142105 - PR	T7667	Computer Aided Design Lab	60	CO1	Generate 3D part models by using commercially available modelling software	Weak-L	-	Moderate-M	-	Strong-H	-	-	-	-	-
5					60	CO2	Create 3D assembly models from the 2D part drawings and generate Bill of Materials	Weak-L	-	Weak-L	-	Strong-H	-	-	-	-	-
5					60	CO3	Create 3D models of real life industrial applications	Weak-L	-	Moderate-M	-	Strong-H	-	-	-	-	-
6	SEM I	070142106 - PP	T7674	Cyber Security	60	CO1	Analyze and illustrate threat models	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
6					60	CO2	Examine the different cyber laws and their importance	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H
6					60	CO3	Compare and contrast the implemented management practices in the cyber world	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H
6					60	CO4	Illustrate Symmetric and Asymmetric Encryption mechanisms	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H
7	SEM I	070142107 - PR	TE7138	Computational Methods and Optimization Lab	60	CO1	Use Matlab for programming computational methods	-	-	-	Strong-H	Moderate-M	-	-	-	-	-
7					60	CO2	Understand the underlying mechanism of computational methods	Moderate-M	Strong-H	Strong-H	-	-	-	Weak-L	-	-	-
7					60	CO3	Draw meaningful conclusions from the comparison of different methods	-	Strong-H	-	Strong-H	-	-	Weak-L	-	-	-
7					60	CO4	Solve constrained problems using classical optimization methods	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-	-	-	-

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7					60	CO5	Formulate and solve engineering design problems using Nature inspired optimization methods.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-	-	-	-
8	SEM I	070142108 - PR	TE7139	Communication Skills Lab	60	CO1	Identify/ Recognize the barriers to effective communication in accordance with all types of communication; avoid or overcome them.	-	-	-	-	-	-	-	Strong-H	Strong-H	Moderate-M
8					60	CO2	Constructing sentences effectively using grammar and vocabulary	-	-	-	-	-	-	-	Strong-H	Strong-H	Moderate-M
8					60	CO3	Communicate/ express effectively in a range of settings.	-	-	-	-	-	-	-	Strong-H	Moderate-M	Moderate-M
8					60	CO4	Employ etiquette in oral and written communication.	-	-	-	-	-	-	-	Strong-H	Strong-H	Moderate-M
8					60	CO5	Demonstrate the basics of writing skills and use in business and technical correspondence.	-	-	-	-	-	-	-	Strong-H	Moderate-M	Moderate-M
9	SEM I	070142109 - PP	TE7140	Advanced Stress Analysis	60	CO1	Apply the concept of theory of elasticity for the problems with large deformations.	Strong-H	Strong-H	-	-	-	-	-	-	-	-
9					60	CO2	Understand and apply the concept of stresses and deflection in high structure beams.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-
9					60	CO3	Understand and apply the concept to find alternative solution for the non- circular shafts problems.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-

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9					60	CO4	Understand and apply the energy methods to identify the alternate solution for torsional bars.	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-
9					60	CO5	Understand and apply the concept of stress-stain relationship for large plasticity problems.	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-
10	SEM I	070142110 - PP	TE7141	Systems Modelling and Control	60	CO1	Carryout the Laplace Transformation for the basic control systems	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-
10					60	CO2	Represent the physical systems with the help of block diagrams and obtain the transfer function.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-
10					60	CO3	Carryout time response analysis for the First and Second order systems,	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	-
10					60	CO4	Explain the stability of the system and the control actions	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-
10					60	CO5	Design and analyze the control system using Simulink and MATLAB	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	-	-	Moderate-M	-
11	SEM II	070142201 - PP	T7115	Advanced Computational Fluid Dynamics (ACFD)	60	CO1	Develop basic governing equations for fluid and heat flow by examining the physical boundary conditions.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-
11					60	CO2	Construct finite difference based equations according to the nature (i.e. elliptic, parabolic and hyperbolic) of the flow problem.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-

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11					60	CO3	Decide and implement various implicit and explicit CFD schemes to solve steady and unsteady 1/2/3 dimensional fluid problems.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-
11					60	CO4	Analyze and evaluate various finite volume based CFD schemes to solve convection-diffusion problems	Strong-H	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-
11					60	CO5	Solve incompressible flow problems with considerations of geometry, mesh, flow physics, physical boundary conditions, turbulence, etc.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	Strong-H	-
12	SEM II	070142202 - PP	T7117	Advanced Finite Element Method (AFEM)	60	CO1	Develop the ability to generate the governing (differential) equations for mechanical systems and implement the basic finite elements procedures for structural applications.	Strong-H	Strong-H	-	-	Strong-H	-	-	-	-	-
12					60	CO2	Identify and apply the mathematical tools from algebra, calculus and numerical methods for the solution of finite element problems.	Strong-H	-	-	Strong-H	-	Strong-H	-	-	Strong-H	-
12					60	CO3	Determine the engineering design concepts required to numerically analyze the stresses, strains and deformation of a structure under either plane-stress or plane-strain conditions.	Strong-H	-	Strong-H	-	Strong-H	-	-	-	-	-

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12					60	CO4	Investigate and model numerically the three-dimensional structural problems using Finite Element Method and use CAD/CAE software to solve the proposed models.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-
12					60	CO5	Formulate techniques to effectively analyze and evaluate, dynamic and nonlinear problems applying the basic principles of advanced mechanics.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	Strong-H	-
13	SEM II	070142203 - PP	T2208	Research Methodology in Engineering (RME)	60	CO1	Choose proper scientific research methodology.	Strong-H	-	Moderate-M	Weak-L	-	-	-	-	-	-
13					60	CO2	Carryout literature review as per the scientific methodology.	Strong-H	-	-	Weak-L	Weak-L	-	-	Weak-L	-	-
13					60	CO3	Make use of various statistical tools and analyze statistical data to interpret the results of analysis.	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	-	-	-	-	-
13					60	CO4	Will be able to design proper experimentation methodology using design of experiments technique.	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	-	-	-	-	-
13					60	CO5	Summarize the results of the research in well documented form.	Strong-H	-	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-	-
14	SEM II	070142204 - PP	F0003	Flexi-course (Strategic innovation & Design Thinking)	60	CO1	Develop innovation strategy and build capacity for innovation	-	Weak-L	Weak-L	-	-	-	-	-	Weak-L	-

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14					60	CO2	Apply strategic frameworks and tools necessary for innovation	-	Weak-L	Weak-L	-	-	-	-	-	Weak-L	-
14					60	CO3	Empathize with the end-users and reframe the innovation problem	-	Weak-L	Weak-L	Moderate-M	-	-	-	-	-	-
14					60	CO4	Demonstrate the competency to apply design thinking to design innovative products /services	-	-	Moderate-M	Moderate-M	-	-	-	-	Moderate-M	-
15	SEM II	070142205 - PP	TE7142	Computer Aided Manufacturing (CAM)	60	CO1	Distinguish between conventional and computer aided manufacturing and describe the basics of CAM.	Strong-H	-	-	Weak-L	-	-	-	-	-	-
15					60	CO2	Design NC/CNC programs for various manufacturing operations for NC/CNC machines & distinguish between NC, CNC and DNC	Strong-H	Weak-L	-	Weak-L	-	-	-	-	-	-
15					60	CO3	Explain the application of CIM in production industries.	Strong-H	Weak-L	-	Weak-L	-	-	-	-	-	-
15					60	CO4	Analyze and identify the application of AI in manufacturing.	Strong-H	-	-	Weak-L	-	-	-	-	-	-
15					60	CO5	Explain different modern manufacturing methods similar to 3D printing and web based manufacturing	Strong-H	Weak-L	-	Weak-L	-	-	-	-	-	-
16	SEM II	070142206 - LAB	TE7143	Advanced Finite Element Method (AFEM) Lab	60	CO1	Design and analyze 1D structural problem using commercial software, and compare results with classical solutions.	Strong-H	Strong-H	Weak-L	-	Moderate-M	-	-	-	-	-

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16					60	CO2	Design and analyze 2D problems using ANSYS, commercial software, and compare results with classical solutions.	Strong-H	Strong-H	Weak-L	-	Moderate-M	-	-	-	-	-
16					60	CO3	Prepare 3D model of a part , interpret results of ANSYS and revise the design accordingly.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-
16					60	CO4	Formulate dynamic problem using ANSYS and evaluate modal frequencies.	Strong-H	Strong-H	Strong-H	-	Weak-L	-	-	-	-	-
16					60	CO5	Formulate 1D and 2D non-linear problem using ANSYS.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	Moderate-M	-	-	-
17	SEM II	070142207 - LAB	TE7144	Advanced Computational Fluid Dynamics (ACFD) Lab	60	CO1	Develop and solve the numerical model for incompressible laminar flow.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-
17					60	CO2	Develop and solve the numerical model for incompressible turbulent flow.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-
17					60	CO3	Develop and solve the numerical model for flows involving heat transfer.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	-	-
17					60	CO4	Translate mathematical models into numerical models by developing appropriate programs (C or MATLAB).	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	Strong-H	Strong-H
17					60	CO5	Develop and solve the numerical model for unsteady incompressible flow.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	Strong-H	Strong-H

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18	SEM II	070142208 - LAB	T7125	Computer Aided Manufacturing (CAM) Lab	60	CO1	Compile CNC programs for various machining operations for different types of parts.	Strong-H	-	Moderate-M	-	Weak-L	-	-	-	-	-
18					60	CO2	Demonstrate the use of CNC programs in CNC Lathe and create parts from raw materials.	Strong-H	-	Weak-L	-	-	-	-	-	-	-
18					60	CO3	Simulate and optimize the machining operations using CAM software.	Strong-H	-	Strong-H	-	Moderate-M	-	-	-	-	-
19	SEM II	070142209 - PP	F0001	Flexi-course (Additive Manufacturing)	60	CO1	Differentiate between different Additive manufacturing techniques	Strong-H	Weak-L	Moderate-M	-	Moderate-M	-	-	-	Weak-L	-
19					60	CO2	Apply the knowledge of CAD in design and 3D printing of complex parts	Strong-H	Weak-L	Moderate-M	-	Moderate-M	-	-	-	Weak-L	-
20	SEM II	070142210 - LAB	TE7145	Technical Writing Lab	60	CO1	Analyze the communication situation fully and accurately: needs, audiences, and users.	-	Moderate-M	Moderate-M	Moderate-M	-	Strong-H	Moderate-M	Strong-H	-	-
20					60	CO2	Gather, interpret, and document information logically, efficiently, and ethically.	Moderate-M	Moderate-M	-	Strong-H	Strong-H	-	Moderate-M	Moderate-M	-	Strong-H
20					60	CO3	Design usable, clear, persuasive, accessible documents:	-	Strong-H	Strong-H	-	Strong-H	-	-	Moderate-M	-	Strong-H
20					60	CO4	Select the appropriate format for presenting information.	-	-	-	-	Strong-H	Moderate-M	-	Strong-H	-	-
20					60	CO5	Develop an effective, clear writing style.	-	-	-	-	Strong-H	Strong-H	-	Strong-H	-	Moderate-M

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21	SEM II	070142211 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	
21					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
21					60	CO3	To train students to perform First aid and CPR in an emergency..	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	
22	SEM II	070142212 - PP	TE7146	Advanced Industrial Automation and Robotics	60	CO1	Understand production systems and application of automation system in production systems.	Strong-H	Weak-L	Weak-L	-	-	-	-	-	-	-	
22					60	CO2	Understand industrial control system and its components.	Strong-H	Strong-H	Moderate-M	Strong-H	-	-	-	-	-	-	
22					60	CO3	Understand basic components of robot and its applications.	Strong-H	Strong-H	Weak-L	Strong-H	-	-	-	-	-	-	
22					60	CO4	Understand mechanism of robots and end effectors. Force analysis of grippers.	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	
22					60	CO5	Understand applications of automation in material handling equipment and identification methods.	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	-	
23	SEM II	070142213 - PP	T7127	Emerging Concepts & Techniques in Manufacturing Management	60	CO1	Demonstrate an understanding of the current competitive manufacturing scenario and the need to be efficient and productive.	Strong-H	Moderate-M	Weak-L	-	-	-	Weak-L	Weak-L	-	-	

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23					60	CO2	Analyse productive systems with regard to their productivity and competitive levels to evolve methods to make them lean and productive.	Strong-H	Moderate-M	Moderate-M	-	-	-	Weak-L	Weak-L	-	Weak-L
23					60	CO3	Design Lean systems.	Strong-H	Moderate-M	Weak-L	Weak-L	-	-	Weak-L	Weak-L	-	Weak-L
23					60	CO4	Construct a prioritized matrix of customer requirement for design and development of products.	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	-	-
23					60	CO5	Design 'Values Streams' by converting customer requirements into technical requirements.	Strong-H	Moderate-M	Moderate-M	Weak-L	-	Weak-L	Weak-L	Weak-L	-	Weak-L
24	SEM III	070142301-PP	TE7710	M.Tech Project	60	CO1	Use the available resources on the subject to identify problems and propose innovative solutions.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	-	-	-
24					60	CO2	Design and build socially relevant projects that meet the stated specifications.	Strong-H	Strong-H	Strong-H	-	-	Strong-H	-	-	-	-
24					60	CO3	Prepare and manage schedules and budgets that will ensure that projects are completed on time and within the planned budget.	-	-	-	-	-	-	Strong-H	-	-	-
24					60	CO4	Use the latest available software and hardware tools effectively to simulate, design, fabricate and test the performance of the product	-	-	-	-	Strong-H	-	-	-	-	-

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24					60	CO5	Communicate ideas and solutions effectively both verbally and in writing.	-	-	-	-	-	-	-	Strong-H	-	-
24					60	CO6	Act with integrity, show initiative and leadership and accept responsibility while working towards stated goals	-	-	-	-	-	-	-	-	-	Strong-H
25	SEM III	070142302 - PP	F0003	Review of Literature	60	CO1	Analyse and critically evaluate the work of others in the field of study.	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-
25					60	CO2	Understand, and interpret material on technology.	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-
25					60	CO3	Demonstrate in-depth knowledge of the field of study	Strong-H	-	-	-	-	-	-	-	-	-
25					60	CO4	Synthesize and integrate material from other primary and secondary sources with their own ideas on the topic by writing a review paper	Strong-H	-	-	Strong-H	-	Strong-H	-	Strong-H	-	-
26	SEM III	070142303 - PP	F0001	Technical Writing and Seminar	60	CO1	Demonstrate an understanding of stages of the technical writing process.	-	-	-	-	Moderate-M	-	-	-	Moderate-M	-
26					60	CO2	Write clearly, accurate and concisely on technology related topics.	Moderate-M	-	-	-	-	-	-	Strong-H	-	Moderate-M
26					60	CO3	Understand, and interpret material on technology.	Strong-H	Strong-H	-	Strong-H	-	-	-	-	Moderate-M	-
26					60	CO4	Familiarize themselves with basic sources and methods of research including on-line resources.	-	-	-	-	Strong-H	-	-	-	-	-

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26					60	CO5	Synthesize and integrate material from other primary and secondary sources with their own ideas on the topic when writing a technical paper.	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-	-
27	SEM IV	070142401-PP	TE7714	Thesis	60	CO1	Demonstrate in-depth knowledge of the field of study	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	-	-	-
27					60	CO2	Identify research problems and formulate solutions.	Strong-H	Strong-H	Strong-H	-	-	Strong-H	-	-	-	-
27					60	CO3	Analyse and critically evaluate the work of others in the field of study.	-	-	-	-	-	-	Strong-H	-	-	-
27					60	CO4	Use the latest available software and hardware tools effectively to simulate, design, fabricate and test the performance of the product.	-	-	-	-	Strong-H	-	-	-	-	-
27					60	CO5	Effectively communicate results and discuss conclusions.	-	-	-	-	-	-	-	Strong-H	-	-
27					60	CO6	Demonstrate a clear understanding of what constitutes ethical practices in research.	-	-	-	-	-	-	-	-	-	Strong-H

Its a system generated report, signature not required

Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Technology Programme Name : Master of Technology (Electronics & Tele-Communication Engineering)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Scholarship of Knowledge: Acquire in-depth knowledge of specific discipline or professional area, including wider and global perspective, with an ability to discriminate, evaluate, analyze and synthesize existing and new knowledge, and integration of the same for enhancement of knowledge

2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Critical Thinking: Analyze complex engineering problems critically, apply independent judgement for synthesizing information to make intellectual and/or creative advances for conducting research in a wider theoretical, practical and policy context.
3	GA1	Scholarship: research, inquiry and lifelong learning	PO3	Problem Solving: Think laterally and originally, conceptualize and solve engineering problems, evaluate a wide range of potential solutions for those problems and arrive at feasible, optimal solutions after considering public health and safety, cultural, societal and environmental factors in the core areas of expertise."
4	GA1	Scholarship: research, inquiry and lifelong learning	PO4	Research Skill: Extract information pertinent to unfamiliar problems through literature survey and experiments, apply appropriate research methodologies, techniques and tools, design, conduct experiments, analyze and interpret data, demonstrate higher order skill and view things in a broader perspective, contribute individually/in group(s) to the development of scientific/technological knowledge in one or more domains of engineering.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Usage of modern tools: Create, select, learn and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling, to complex engineering activities with an understanding of the limitations.
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	Collaborative and Multidisciplinary work: Possess knowledge and understanding of group dynamics, recognize opportunities and contribute positively to collaborative-multidisciplinary scientific research, demonstrate a capacity for self-management and teamwork, decision-making based on open-mindedness, objectivity and rational analysis in order to achieve common goals and further the learning of themselves as well as others.
7	GA1	Scholarship: research, inquiry and lifelong learning	PO7	Project Management and Finance: Demonstrate knowledge and understanding of engineering and management principles and apply the same to one's own work, as a member and leader in a team, manage projects efficiently in respective disciplines and multidisciplinary environments after consideration of economic and financial factors.
8	GA2	Global citizenship: ethical, social and professional understanding	PO8	Communication: Communicate with the engineering community, and with society at large, regarding complex engineering activities confidently and effectively, such as, being able to comprehend and write effective reports and design documentation by adhering to appropriate standards, make effective presentations, and give and receive clear instructions."
9	GA1	Scholarship: research, inquiry and lifelong learning	PO9	Life-long Learning: Recognize the need for and have the preparation and ability to engage in life-long learning independently, with a high level of enthusiasm and commitment to improve knowledge and competence continuously.
10	GA2	Global citizenship: ethical, social and professional understanding	PO10	Ethical Practices and Social Responsibility: Acquire professional and intellectual integrity, professional code of conduct, ethics of research and scholarship, consideration of the impact of research outcomes on professional practices and an understanding of responsibility to contribute to the community for sustainable development of society.
11	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO11	Independent and Reflective Learning
12	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO12	Demonstrate proficiency in the use of specialized software for the analysis and design of electronic engineering systems.
13	GA3	Eco-literate: sensitivity towards a sustainable environment	PO13	Apply acquired knowledge to create socially relevant systems in allied fields such as VLSI and Embedded Systems, Instrumentation and Control, Biomedical Engineering, Advanced Communication Systems, Renewable Energy Systems, Robotics and Automation, and Computer Vision.

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1	SEM I	070143101-PP	T7086	Advanced Digital Signal Processing	60	CO1	Basic concepts of discrete random process.	Weak-L	Moderate-M	Moderate-M	Weak-L	-	-	-	-	Moderate-M	-	Weak-L	-	-

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1					60	CO2	Parametric and non-parametric methods to estimate spectrum.	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	-	-	-	-	Weak-L	-	Weak-L
1					60	CO3	Design of optimum filter for linear prediction.	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	Moderate-M	-	Moderate-M
1					60	CO4	Design adaptive filters	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H	-	Strong-H
1					60	CO5	Understand the principles of multirate signal processing	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	Moderate-M	-	Weak-L
1					60	CO6	Understand the concept of STFT and wavelet transform.	Strong-H	Strong-H	Moderate-M	Strong-H	-	-	-	-	-	-	Strong-H	-	Moderate-M
2	SEM I	070143102-PP	T7100	Mechatronics	60	CO1	Understand the basic concepts of measurement systems w.r.t. their classification and characteristics and study various types of sensors for measurement of different physical parameters.	Strong-H	-	Moderate-M	-	-	-	-	-	Moderate-M	-	-	-	-
2					60	CO2	Analyze the requirement of signal conditioning in a mechatronics system.	Strong-H	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	Moderate-M	-	Moderate-M	-	-
2					60	CO3	Build mathematical model for an electronic or mechanical system, analyze its response and stability and apply various control actions for real life mechatronics applications.	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	-	-	Strong-H	Strong-H
2					60	CO4	Understand working of Programmable Logic Controllers in industry.	Strong-H	-	-	-	-	Strong-H	Moderate-M	-	-	-	-	Moderate-M	-

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2					60	CO5	Study various communication technology used in mechatronics systems	Strong-H	-	-	-	-	-	-	Moderate-M	Weak-L	Weak-L	-	-	Weak-L
2					60	CO6	: Study the use of Artificial Neural Networks in mechatronics systems.	Strong-H	-	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	Weak-L	Moderate-M	Moderate-M
3	SEM I	070143103 - PP	T7805	Green Electronics	60	CO1	Understand the need for green electronics	Weak-L	-	-	-	-	-	-	-	Strong-H	Weak-L	Weak-L	-	-
3					60	CO2	Discuss consumer awareness on environmental issues by the use of electronics products	-	Weak-L	-	-	-	-	-	-	-	Weak-L	-	-	-
3					60	CO3	Develop knowledge on low power consumption system	-	-	Weak-L	-	-	-	-	-	-	-	-	-	-
3					60	CO4	Study of renewable energy technologies based on mainly solar and wind	Weak-L	-	-	-	-	-	-	-	Moderate-M	Weak-L	Weak-L	-	-
3					60	CO5	Discussion on sustainability issues in electronics industry	Weak-L	Weak-L	-	-	-	-	-	-	-	Weak-L	Weak-L	-	-
4	SEM I	070143104 - PP	T7674	Cyber Security	60	CO1	Analyze and illustrate threat models	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	-	-
4					60	CO2	Examine the different cyber laws and their importance	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	-	-
4					60	CO3	Compare and contrast the implemented management practices in the cyber world	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	-	-
4					60	CO4	Illustrate Symmetric and Asymmetric Encryption mechanisms	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	-	-
5	SEM I	070143105 - PP	T7687	Seminar	60	CO1	Demonstrate competence in identifying relevant information on the given topics.	Strong-H	-	-	-	Moderate-M	-	-	-	-	-	-	Strong-H	-

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5					60	CO2	Utilise visual and audio-visual methods to support their presentation.	-	-	-	-	-	-	-	-	-	Strong-H	-	-	Strong-H
5					60	CO3	Speak clearly and effectively and in a concise manner.	-	-	-	-	-	-	-	-	-	Strong-H	-	-	-
5					60	CO4	Present information in a well structured format.	-	-	-	-	-	-	-	-	-	Strong-H	-	-	-
5					60	CO5	Listen attentively to the presentations of peers to be able to respond effectively and participate in meaning discussions on the subject.	Strong-H	-	-	-	-	-	-	-	Moderate-M	-	-	-	-
6	SEM I	070143106 - PR	T7087	Advanced Digital Signal Processing LAB	60	CO1	Review the basic concept of MATLAB	-	-	Moderate-M	-	Weak-L	-	-	Moderate-M	Moderate-M	Moderate-M	-	-	-
6					60	CO2	Determine cross correlation, autocorrelation between two signals and power spectral density of given signal	Moderate-M	Moderate-M	Strong-H	-	Weak-L	-	-	Moderate-M	-	Moderate-M	Moderate-M	Weak-L	-
6					60	CO3	Implement interpolation and decimation operation	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	-	-	Moderate-M	-	Moderate-M	Moderate-M	Strong-H	-
6					60	CO4	Design adaptive filter and QMF filter bank	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Moderate-M	-	Moderate-M	Strong-H	Moderate-M	-
6					60	CO5	Find wavelet transform and short time Fourier transform of a given signal	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	Moderate-M	-	Moderate-M	Strong-H	Strong-H	-
6					60	CO6	Understand basic concept of sampling theorem using virtual lab	-	-	Moderate-M	-	Moderate-M	-	-	Moderate-M	-	Moderate-M	-	Weak-L	-
7	SEM I	070143107 - PR	T7101	Mechatronics Lab	60	CO1	Design Signal Conditioning circuits for various transducers.	Strong-H	Weak-L	Moderate-M	-	-	-	-	-	-	-	-	-	Weak-L
7					60	CO2	Build Ladder Diagrams for various controllers	Strong-H	-	Moderate-M	-	Strong-H	-	-	-	-	-	-	Strong-H	Weak-L

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7					60	CO3	Build mathematical model for an electronic or mechanical system, analyze its response.	Strong-H	Moderate-M	-	Weak-L	Strong-H	-	-	-	Weak-L	-	Weak-L	-	-
7					60	CO4	Understand working of Programmable Logic Controllers in industry.	Strong-H	-	-	-	-	-	-	-	Moderate-M	-	-	-	-
7					60	CO5	Implement PID Controller for various applications	Strong-H	Weak-L	Weak-L	Moderate-M	-	-	-	-	-	-	Moderate-M	-	Moderate-M
7					60	CO6	Build ADC and DAC on MATLAB	Strong-H	-	Weak-L	-	Strong-H	-	-	-	-	-	-	-	Strong-H
8	SEM I	070143108 - PR	TE7113	Communication Skill Lab	60	CO1	Identify/ Recognize the barriers to effective communication in accordance with all types of communication; avoid or overcome them.	-	-	-	-	-	-	-	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	-
8					60	CO2	Constructing sentences effectively using grammar and vocab.	-	-	-	-	-	-	-	Strong-H	Strong-H	Moderate-M	Strong-H	-	-
8					60	CO3	Communicate/ express effectively in a range of settings.	-	-	-	-	-	-	-	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-
8					60	CO4	Employ etiquettes in oral and written communication.	-	-	-	-	-	-	-	Strong-H	Strong-H	Moderate-M	Strong-H	-	-
8					60	CO5	Demonstrate the basics of writing skills and use in business and technical correspondence.	-	-	-	-	-	-	-	Strong-H	Moderate-M	Moderate-M	Strong-H	-	-
9	SEM I	070143110 - PP	TE7115	CMOS VLSI Design	60	CO1	Basic principle of MOSFET and CMOS.	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-	-	-	Moderate-M	-	Moderate-M	-	-
9					60	CO2	To estimate the performance parameter of CMOS.	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	Moderate-M	-	Strong-H

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9					60	CO3	Design Combinational and sequential circuit using CMOS	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	Moderate-M	-	Strong-H
9					60	CO4	Basic principle of CMOS analog circuit.	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-	-	-	-	-	Moderate-M	-	Moderate-M
10	SEM I	070143114 - PR	TE7119	CMOS VLSI Design Lab	60	CO1	To design CMOS using NMOS and PMOS.	Strong-H	Moderate-M	Moderate-M	-	Strong-H	-	-	-	-	Moderate-M	Strong-H	Weak-L	-
10					60	CO2	To design logic gates using CMOS.	Strong-H	Moderate-M	Moderate-M	-	Strong-H	-	-	-	-	Moderate-M	Strong-H	Weak-L	-
10					60	CO3	To design combinational Circuit using CMOS.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	-	-	-	Moderate-M	Strong-H	Strong-H	-
10					60	CO4	To design sequential Circuit using CMOS.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	-	-	-	-	Moderate-M	Strong-H	Strong-H	-
11	SEM I	070143119 - PP	T7098	Lasers and Optical Electronics	60	CO1	Learn LASER semiconductor technology for optoelectronics domain	Moderate-M	-	-	-	-	-	-	-	-	-	-	-	-
11					60	CO2	Learn several types of optoelectronics semiconductor devices	Weak-L	-	-	-	-	-	-	-	-	-	-	-	-
11					60	CO3	Develop knowledge on latest trends in display devices and its technologies	Strong-H	-	-	-	-	-	-	Weak-L	Weak-L	-	Weak-L	-	-
11					60	CO4	Understand optical modulation basics and its system in communication	Moderate-M	-	-	-	-	-	-	Weak-L	Weak-L	-	Weak-L	-	-
11					60	CO5	explain working principles of optical detection devices	Moderate-M	-	Moderate-M	-	-	-	-	-	Moderate-M	-	-	-	-
11					60	CO6	Apply laser and optical fibre knowledge in optical link design	Moderate-M	-	Moderate-M	-	-	-	-	-	Moderate-M	-	-	-	-

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12	SEM II	070143201 - PP	T7093	Digital Image Processing	60	CO1	Demonstrate understanding of basic concepts of two dimensional signal acquisition, sampling and quantization.	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
12					60	CO2	Demonstrate understanding of fundamental image manipulations such as histogram stretching, histogram equalization, contrast enhancement, log transforms and image negatives, and spatial filtering techniques	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
12					60	CO3	Demonstrate understanding of 2D Fourier transform, 2D FFT and filtering images in Fourier domain	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
12					60	CO4	Demonstrate understanding of image morphology that includes image manipulation using set theory	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
12					60	CO5	Understand concepts in image segmentation	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
12					60	CO6	Describe the basic issues and the scope of image processing, and the roles of image processing and systems in a variety of applications	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	-	Strong-H	Weak-L
13	SEM II	070143202 - PP	F0004	Advanced Embedded System Design	60	CO1	Understand the basic concepts of Embedded Systems	Strong-H	-	-	-	-	-	-	-	Moderate-M	-	-	-	Strong-H
13					60	CO2	Study the architecture of ARM microprocessor	Strong-H	Moderate-M	-	-	-	-	-	-	Moderate-M	-	-	Weak-L	Strong-H

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13					60	CO3	Program an Embedded System using C programming language	Strong-H	-	Strong-H	-	Strong-H	-	-	-	-	-	-	Strong-H	Strong-H
13					60	CO4	Explore the recent Cortex processor architecture for Embedded System design	Strong-H	-	Moderate-M	Weak-L	-	-	-	-	Weak-L	-	-	Weak-L	Strong-H
13					60	CO5	Analyze applications of advanced processor architecture in real time scenario	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M	-	Weak-L	Moderate-M	-	Weak-L	-	Strong-H
14	SEM II	070143203 - PP	T7026	Research Methodology in Engineering	60	CO1	Choose proper scientific research methodology	Strong-H	-	Moderate-M	Weak-L	-	-	-	-	-	-	-	-	-
14					60	CO2	Carryout literature review as per the scientific methodology	Strong-H	-	-	Weak-L	Weak-L	-	-	Weak-L	-	-	-	-	-
14					60	CO3	Make use of various statistical tools and analyze statistical data to interpret the results of analysis	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	-	-	-	-	-	-	-	-
14					60	CO4	Will be able to design proper experimentation methodology using design of experiments technique	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	-	-	-	-	-	-	-	-
14					60	CO5	Summarize the results of the research in well documented form	Strong-H	-	Weak-L	Weak-L	Weak-L	-	-	Weak-L	-	-	-	-	-
15	SEM II	070143204 - PP	T7802	Electronics for Smart Cities	60	CO1	Understand the need for smart cities	Weak-L	-	-	-	-	-	-	-	Weak-L	Weak-L	Weak-L	-	-
15					60	CO2	Acquire knowledge on the role of IoT in developing smart cities	Moderate-M	Weak-L	-	-	-	-	-	-	Weak-L	Weak-L	-	-	-
15					60	CO3	Develop knowledge on utilization of solar-wind technologies for smart cities	Moderate-M	-	Weak-L	-	-	-	-	-	Weak-L	-	-	-	-

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15					60	CO4	Study of about sustainable buildings and electronics involved in it	Weak-L	-	-	-	-	-	-	-	Weak-L	Weak-L	Weak-L	-	-
15					60	CO5	Understand important role of smart transportation and smart water management systems to develop smart cities	Weak-L	Weak-L	-	-	-	-	-	-	Weak-L	Weak-L	Weak-L	-	-
16	SEM II	070143205 - PR	T7687	Seminar	60	CO1	Demonstrate competence in identifying relevant information on the given topics.	Strong-H	-	-	-	Moderate-M	-	-	-	-	-	-	Strong-H	-
16					60	CO2	Utilise visual and audio-visual methods to support their presentation.	-	-	-	-	-	-	-	-	-	Strong-H	-	-	Strong-H
16					60	CO3	Speak clearly and effectively and in a concise manner.	-	-	-	-	-	-	-	-	-	Strong-H	-	-	-
16					60	CO4	Present information in a well structured format.	-	-	-	-	-	-	-	-	-	Strong-H	-	-	-
16					60	CO5	Listen attentively to the presentations of peers to be able to respond effectively and participate in meaning discussions on the subject.	Strong-H	-	-	-	-	-	-	-	Moderate-M	-	-	-	-
17	SEM II	070143206 - PR	T7094	Digital Image Processing Lab	60	CO1	Demonstrate understanding of basic concepts of two dimensional signal acquisition, sampling and quantization.	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L

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17					60	CO2	Demonstrate understanding of fundamental image manipulations such as histogram stretching, histogram equalization, contrast enhancement, log transforms and image negatives, and spatial filtering techniques	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
17					60	CO3	Demonstrate understanding of 2D Fourier transform, 2D FFT and filtering images in Fourier domain	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
17					60	CO4	Demonstrate understanding of image morphology that includes image manipulation using set theory	Strong-H	Moderate-M	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
17					60	CO5	Understand concepts in image segmentation	Strong-H	Weak-L	-	-	-	-	-	-	-	-	-	Strong-H	Weak-L
17					60	CO6	Describe the basic issues and the scope of image processing, and the roles of image processing and systems in a variety of applications	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	-	-	-	-	Strong-H	Weak-L
18	SEM II	070143207 - PR	TE7124	Technical writing Lab	60	CO1	Demonstrate an understanding of stages of the technical writing process.	-	-	-	-	Moderate-M	-	-	-	Moderate-M	-	-	-	-
18					60	CO2	Write clearly, accurate and concisely on technology related topics.	Moderate-M	-	-	-	-	-	-	Strong-H	-	Moderate-M	-	-	-
18					60	CO3	Understand, and interpret material on technology.	Strong-H	Strong-H	-	Strong-H	-	-	-	-	Moderate-M	-	-	-	-

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18					60	CO4	Familiarize themselves with basic sources and methods of research including on-line resources.	-	-	-	-	Strong-H	-	-	-	-	-	-	Strong-H	-
18					60	CO5	Synthesize and integrate material from other primary and secondary sources with their own ideas on the topic when writing a technical paper.	Strong-H	Strong-H	-	-	-	-	-	Strong-H	-	-	-	-	-
19	SEM II	070143210-PP	TE7126	IOT and Applications	60	CO1	Write python programs	Weak-L	-	Moderate-M	-	Strong-H	-	-	-	-	-	-	Moderate-M	Strong-H
19					60	CO2	Study the architecture model of IoT	Strong-H	-	Weak-L	-	-	-	-	-	Moderate-M	-	Moderate-M	-	Weak-L
19					60	CO3	Outline cloud computing paradigm and its various forms of services	Strong-H	-	-	-	-	-	-	-	Moderate-M	-	Moderate-M	-	Moderate-M
19					60	CO4	Describe and compare the different communication protocols used in IoT	Strong-H	-	-	-	-	-	-	-	Moderate-M	-	Moderate-M	-	Weak-L
19					60	CO5	Analyse the different standards used in IoT Systems	Strong-H	-	-	Weak-L	-	-	-	-	Moderate-M	-	Moderate-M	-	Moderate-M
19					60	CO6	Analyze applications of IoT in real time scenario	Strong-H	-	-	Moderate-M	-	-	-	-	Moderate-M	-	Moderate-M	-	Moderate-M
20	SEM II	070143214-PR	TE7129	IOT and Applications Lab	60	CO1	Write python programs	Weak-L	-	Moderate-M	-	Strong-H	-	-	-	-	-	-	Moderate-M	Strong-H
20					60	CO2	Understand working with Raspberry pi	Weak-L	-	-	-	Strong-H	-	-	-	-	-	-	Moderate-M	Strong-H
20					60	CO3	Interface different peripherals with raspberry pi	Weak-L	-	Strong-H	Moderate-M	Strong-H	-	-	-	-	-	-	-	Strong-H
20					60	CO4	Monitor and control the sensors and actuators through web server	Weak-L	-	Strong-H	Moderate-M	Strong-H	-	-	-	-	-	-	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
21	SEM II	070143218 - PP	TE7134	Low Power VLSI Design	60	CO1	Understand sources of power dissipation	Moderate-M	Moderate-M	Strong-H	Weak-L	-	-	-	-	-	-	Moderate-M	Moderate-M	-
21					60	CO2	Analyze different techniques of power estimation and analysis	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	Moderate-M	Moderate-M	-
21					60	CO3	Apply different approaches of Low power design at circuit level	Moderate-M	Moderate-M	Strong-H	Weak-L	-	-	-	-	-	-	Moderate-M	-	-
21					60	CO4	Study of different low power architecture and systems	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-
21					60	CO5	Apply different approaches of low power clock distribution and algorithm level design	Moderate-M	Moderate-M	Strong-H	Weak-L	-	-	-	-	-	-	Strong-H	-	-

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Technology Programme Name : Master of Technology (Computer Science and Engineering)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Scholarship of Knowledge: Acquire in-depth knowledge of specific discipline or professional area, including wider and global perspective, with an ability to discriminate, evaluate, analyze and synthesize existing and new knowledge, and integration of the same for enhancement of knowledge
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Critical Thinking: Analyze complex engineering problems critically, apply independent judgement for synthesizing information to make intellectual and/or creative advances for conducting research in a wider theoretical, practical and policy context.
3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	"Problem Solving: Think laterally and originally, conceptualize and solve engineering problems, evaluate a wide range of potential solutions for those problems and arrive at feasible, optimal solutions after considering public health and safety, cultural, societal and environmental factors in the core areas of expertise."
4	GA1	Scholarship: research, inquiry and lifelong learning	PO4	Research Skill: Extract information pertinent to unfamiliar problems through literature survey and experiments, apply appropriate research methodologies, techniques and tools, design, conduct experiments, analyze and interpret data, demonstrate higher order skill and view things in a broader perspective, contribute individually/in group(s) to the development of scientific/technological knowledge in one or more domains of engineering.

5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Usage of modern tools: Create, select, learn and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling, to complex engineering activities with an understanding of the limitations.
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	Collaborative and Multidisciplinary work: Possess knowledge and understanding of group dynamics, recognize opportunities and contribute positively to collaborative-multidisciplinary scientific research, demonstrate a capacity for self-management and teamwork, decision-making based on open-mindedness, objectivity and rational analysis in order to achieve common goals and further the learning of themselves as well as others.
7	GA3	Eco-literate: sensitivity towards a sustainable environment	PO7	Project Management and Finance: Demonstrate knowledge and understanding of engineering and management principles and apply the same to one's own work, as a member and leader in a team, manage projects efficiently in respective disciplines and multidisciplinary environments after consideration of economic and financial factors.
8	GA2	Global citizenship: ethical, social and professional understanding	PO8	"Communication: Communicate with the engineering community, and with society at large, regarding complex engineering activities confidently and effectively, such as, being able to comprehend and write effective reports and design documentation by adhering to appropriate standards, make effective presentations, and give and receive clear instructions."
9	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO9	Life-long Learning:Recognise the need for and have the preparation and ability to engage in life-long learning independently, with a high level of enthusiasm and commitment to improve knowledge and competence continuously.
10	GA2	Global citizenship: ethical, social and professional understanding	PO10	Ethical Practices and Social Responsibility: Acquire professional and intellectual integrity, professional code of conduct, ethics of research and scholarship, consideration of the impact of research outcomes on professional practices and an understanding of responsibility to contribute to the community for sustainable development of society.
11	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO11	Engineering and Practical Knowledge: To apply the concepts of computer engineering and practical knowledge in analysis, design and development of computing systems and applications to multi-disciplinary problems.
12	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO12	Cutting Edge Technology: To provide a concrete foundation to the students in the cutting edge areas of Computer Science Engineering and further help them in excelling in the chosen areas of advanced computer scienceareas like Machine Learning, Algorithms, Data Science, Internet of Things, Computing and Data Security and privacy.control, Biomedical Engineering, Advanced Communication System, Renewable Energy Systems, Robotics and Automation, and Computer Vision.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1	SEM I	070144101-PP	T7059	Applied Algorithms	60	CO1	To understand methods for analyzing algorithms	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	Moderate-M	Moderate-M	Moderate-M	-
1					60	CO2	To apply algorithm complexity analysis to different algorithms	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	Moderate-M	Moderate-M	Moderate-M	-
1					60	CO3	To understand advanced graph algorithms by examples & analysis of those algorithms.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	-	-	Moderate-M	Moderate-M	Moderate-M	-

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1					60	CO4	To understand & apply design of approximation algorithms & their performance analysis.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	Moderate-M	Moderate-M	Moderate-M	-
1					60	CO5	To understand & apply design of parallel algorithms & their performance analysis	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	Moderate-M	Moderate-M	Moderate-M	-
2	SEM I	070144102 - PR	TE7007	Skill Development Lab	60	CO1	Analyze data using current technologies in a wide variety of business scenarios and organizational contexts.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	Weak-L	-	-	-
2					60	CO2	Differentiate between correlation and covariance.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	Weak-L	-	-	-
2					60	CO3	Differentiate between supervised and Unsupervised learning,	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	Weak-L	-	-	-
2					60	CO4	Distinguish between document and column data store.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	Weak-L	-	-	-
2					60	CO5	Experiment the CRUD operations on document and column data store.	Strong-H	Strong-H	Strong-H	-	Strong-H	-	-	-	Weak-L	-	-	-
3	SEM I	070144103 - PP	T7070	Network Computing	60	CO1	Apply knowledge of probability for network analysis	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H	-
3					60	CO2	To study numerous data models used in data networks	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-
3					60	CO3	To learn network capacity planning	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-
3					60	CO4	To obtain deeper understanding on edge/Fog computing	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-

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3					60	CO5	To research on social network computing and the related research challenges such as privacy and analytics on real social network data such as Twitter	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	-	
3					60	CO6	Learning through projects and research study	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
4	SEM I	070144104 - PP	T7139	Software Testing and Quality Assurance	60	CO1	Explain different software testing approaches and their significance.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	Strong-H	-	
4					60	CO2	Design good test cases using different case studies and test case design strategies such as white box testing and black box testing.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-	-	-	-	-	Moderate-M	-	
4					60	CO3	Demonstrate different software metrics and their importance.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	Moderate-M	Moderate-M	-	
4					60	CO4	Apply software quality assurance tools like Ishikawa's tools.	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M	-	-	-	-	Moderate-M	Moderate-M	-	
4					60	CO5	Explain quality standards like ISO, CMM and their implementation in different business domains such as IT, education industry.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	-	-	-	-	Moderate-M	Moderate-M	-	
4					60	CO6	Classify and Test different types of computer applications using different automation tools like QTP, Selenium.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	-	-	-	Strong-H	Strong-H	
5	SEM I	070144105 - PP	T7674	Cyber Security	60	CO1	Analyze and illustrate threat models	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	-	

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5					60	CO2	Examine the different cyber laws and their importance	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	-
5					60	CO3	Compare and contrast the implemented management practices in the cyber world	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	-
5					60	CO4	Illustrate Symmetric and Asymmetric Encryption mechanisms	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	-
6	SEM I	070144107 - PR	T7060	Applied Algorithms Lab	60	CO1	Analyze, compare and design better algorithms using algorithm design strategies.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	-	Moderate-M	Moderate-M	Moderate-M	-
6					60	CO2	Derive recurrence equations for recursive algorithms and apply methodologies to solve recurrences and analyze the algorithms.	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	-	Moderate-M	Moderate-M	Moderate-M	-
6					60	CO3	Analyze advanced algorithms for solving many real-life problems using Graph data structures.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	-	Moderate-M	Moderate-M	Moderate-M	-
6					60	CO4	Design optimized algorithms for parallel machines (multiple processors) to provide real-time solutions to real-time problems.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	Moderate-M	-
6					60	CO5	Design approximation algorithms to solve NP-hard optimization problems.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	Moderate-M	-
7	SEM I	070144108 - PR	T7071	Network Computing Lab	60	CO1	To learn basics of probability theory, probability distribution using MATLAB	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Moderate-M	Strong-H	-

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7					60	CO2	To learn and analyse M/M/1 queuing model in the data networks	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	
7					60	CO3	To learn and analyse M/M/C queuing model in the data networks	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	
7					60	CO4	To learn edge/Fog Computing using IFogSim	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	
7					60	CO5	To learn shortest path algorithms and network flow problems	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Moderate-M	Strong-H	-	
7					60	CO6	To demonstrate the knowledge acquired in 1-5 using project based or experiential learning	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
8	SEM I	070144109 - PR	T7080	Software Testing and Quality Assurance Lab	60	CO1	Explain different software testing approaches and their significance.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	-	
8					60	CO2	Design good test cases using different case studies and test case design strategies such as white box testing and black box testing.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	-
8					60	CO3	Classify and Test different types of computer applications using different automation tools like Bugzilla and Selenium.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H
9	SEM I	070144110 - PR	TE7113	Communication skills Lab	60	CO1	Express ideas and concepts well through vocabulary building, aptitude tests, mind mapping and brain storming.	Moderate-M	Weak-L	-	-	-	Moderate-M	Weak-L	Strong-H	Strong-H	-	Moderate-M	-	

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9					60	CO2	Demonstrate linguistic competence-through accuracy in grammar, pronunciation and vocabulary.	Moderate-M	-	Weak-L	-	-	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	-
9					60	CO3	Sketch their creative side in formal as well as informal communication	Moderate-M	Weak-L	Moderate-M	-	-	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M	-
9					60	CO4	Employ etiquettes in oral and written communication.	Moderate-M	Weak-L	Moderate-M	-	Weak-L	Moderate-M	Weak-L	Strong-H	Strong-H	Weak-L	Moderate-M	-
9					60	CO5	Sketch their articulation while participating in Group discussions, debate or job interviews	Weak-L	Moderate-M	Moderate-M	Weak-L	-	Moderate-M	Weak-L	Strong-H	Moderate-M	-	Weak-L	-
9					60	CO6	Modify their listening skills.	-	Weak-L	Weak-L	-	-	Moderate-M	Weak-L	Strong-H	Strong-H	-	Moderate-M	-
10	SEM I	070144111 - PP	T7520	Machine Learning	60	CO1	Explain the concept of machine learning, training, validation and testing data and concepts	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	-	-	Weak-L	Weak-L	-	-
10					60	CO2	Differentiate between various regression techniques	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	-	-	Weak-L	Weak-L	-	-
10					60	CO3	Analyze various classification algorithms	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	-	-	Weak-L	Weak-L	-	-
10					60	CO4	Distinguish between various clustering algorithms.	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	-	-	Weak-L	Weak-L	-	-
10					60	CO5	Explain the back propogation algorithm	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	Weak-L	Weak-L	-	-
11	SEM I	070144111 - PP	T7520	Big Data	60	CO1	Categorize No-SQL Data stores and analyze them from architecture point of view.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
11					60	CO2	Distinguish different No- SQL data stores on the basis of data model.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
11					60	CO3	Illustrate the architecture of Hadoop, Key value data store and design a data application using Hadoop, H base.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-	
11					60	CO4	Illustrate the architecture of Simple DB, Document data store and design a data application using Simple DB	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-	
11					60	CO5	Analyze the data and select an appropriate predictive model (regression, neural networks and time series)	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-	
12	SEM I	070144113 - PP	T3568	Natural Language Processing	60	CO1	Learn and assess major NLP concepts, issues and solutions.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	
12					60	CO2	Become agile with the elements of NLP.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
12					60	CO3	Learn how to parse or analyse the input given using natural language.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
13	SEM I	070144114 - PR	TE7098	Machine Learning Lab	60	CO1	Apply machine learning techniques in the design of computer systems, using tools of ML.	Strong-H	Strong-H	Moderate-M	-	Strong-H	-	-	-	Weak-L	-	-	-	
13					60	CO2	Explain the relative strengths and weaknesses of different machine learning Methods and evaluate result.	Strong-H	Strong-H	Moderate-M	-	Strong-H	-	-	-	Weak-L	-	-	-	
13					60	CO3	Demonstrate knowledge of clustering algorithms.	Strong-H	Strong-H	Moderate-M	-	Strong-H	-	-	-	Weak-L	-	-	-	
13					60	CO4	Evaluate cross validation techniques and give comparative analysis.	Strong-H	Strong-H	Moderate-M	-	Strong-H	-	-	-	Weak-L	-	-	-	

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13					60	CO5	Apply machine learning techniques to a selected problem of ANN.	Strong-H	Strong-H	Moderate-M	-	Strong-H	-	-	-	Weak-L	-	-	-	
14	SEM I	070144116 - PR	TE7106	Natural Language Processing Lab	60	CO1	Learn and assess major NLP tools using open source technology.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-	
14					60	CO2	Become agile with NLTK programming.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
14					60	CO3	Predict using NLP Models.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
14					60	CO4	Use language influentially, with the help of NLP translation Models.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
14					60	CO5	Evaluate information retrieval details using Toolkit.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
14					60	CO6	Develop an emotion detection /sentiment analysis using advanced NLP Techniques.	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
15	SEM II	070142209 - PP	F0001	Flexi-Credit Course	60	CO1	Illustrate applications of Block chain in major industry	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	Strong-H
15					60	CO2	Show the building of applications on different architectures of Block chain	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	Strong-H
15					60	CO3	Demonstrate how Smart contracts can be used to ensure trust in block chain	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	Strong-H
15					60	CO4	Demonstrate Solidity Smart Contracts	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	Strong-H
15					60	CO5	Discuss architecture of different block chain platforms like Hyper Ledger Fabric, Corda and their application areas	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-	Strong-H	Strong-H

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16	SEM II	070144201-PP	T7057	Advance Databases	60	CO1	Illustrate functions, procedures, cursors in PL/SQL.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
16					60	CO2	Examine containers like "for loop" and "for each loop" using SSIS in a data warehouse.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
16					60	CO3	Experiment with extraction, transformation and loading (ETL process) of data in Data Warehousing.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
16					60	CO4	Analyze "Online Analytical Processing" tool of data analysis for decision making in business.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
16					60	CO5	Compare different data mining algorithms for finding frequent item set such as A-priori, FP-Growth.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
16					60	CO6	Illustrate the working of the cloud data models such as Amazon Dynamo and Google Big Table.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
17	SEM II	070144202-PP	T7068	Intelligent Systems	60	CO1	Explain characteristics and challenges of Intelligent Systems (IS) with examples.	Strong-H	-	-	-	-	Weak-L	-	-	-	-	-	-
17					60	CO2	Discuss various knowledge representations like declarative, procedural representation used in IS.	Strong-H	-	Moderate-M	-	-	-	-	-	-	-	-	-
17					60	CO3	Explain the concepts of an expert system and implement it with knowledge engineering process.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	-	-	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
17					60	CO4	Describe and evaluate computational complexity, search complexity of a problem in IS.	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-	-	-
17					60	CO5	Summarize and discuss the concepts of Natural Language Processing (NLP), Neural Network agents in various IS applications.	Strong-H	Moderate-M	Moderate-M	Moderate-M	-	Moderate-M	-	-	-	-	-	-
18	SEM II	070144204 - PP	TE7101	Internet of Things	60	CO1	Learn and explore the basics of networking.	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
18					60	CO2	Experience data collection from sensors using microcontroller device.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H	-
18					60	CO3	Demonstrate understanding on IoT protocols including CoAP and MQTT protocols.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-
18					60	CO4	Develop clear understanding on IoT Cloud integration	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
18					60	CO5	Explore on IoT privacy issue and Blockchain.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	-
19	SEM II	070144205 - PP	TE7100	Statstical Programming	60	CO1	Solve the statistical problems using a statistical tool/software R	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Moderate-M	-
19					60	CO2	Illustrate how statistical software can be used to analyze data with advanced techniques	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Moderate-M	-
19					60	CO3	Interpret the results generated by statistical software R for data analysis	Strong-H	Strong-H	-	-	-	-	-	-	-	-	Moderate-M	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
20	SEM II	070144206 - PP	TE7109	Research Methodology	60	CO1	To understand the process of conducting scientific research.	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	-
20					60	CO2	To understand the process of defining a research problem using literature review as an aid.	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	-
20					60	CO3	To be able to use statistical tools and techniques such as setting up a design of experiment.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	-
20					60	CO4	To be able to analyze statistical data and interpret the results of analysis.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L	-
20					60	CO5	To be able to verify the validity of the research results.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Weak-L	Moderate-M	Weak-L	-
20					60	CO6	To be able to present the results of the research in well documented form.	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Weak-L	Moderate-M	Weak-L	-
21	SEM II	070144207 - PR	T7802	Seminar	60	CO1	Demonstrate competence in identifying relevant information on the given topics.	Strong-H	-	-	-	Moderate-M	-	-	-	-	-	Strong-H	-
21					60	CO2	Utilize visual and audio-visual methods to support their presentation.	-	-	-	-	-	-	-	-	Strong-H	-	-	Strong-H
21					60	CO3	Speak clearly and effectively and in a concise manner.	-	-	-	-	-	-	-	-	Strong-H	-	-	-
21					60	CO4	Present information in a well structured format.	-	-	-	-	-	-	-	-	Strong-H	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
21					60	CO5	Listen attentively to the presentations of peers to be able to respond effectively and participate in meaning discussions on the subject.	Strong-H	-	-	-	-	-	-	Moderate-M	-	-	-	-
22	SEM II	070144208 - PR	T7058	Advance Databases Lab	60	CO1	Differentiate between function and procedure in PL/SQL using programming examples.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
22					60	CO2	Compare "for loop" and "for each loop" container using SSIS in a data warehouse.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
22					60	CO3	Analyze integration services in a data warehouse.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
22					60	CO4	Test different data flow transformations data in a data warehouse.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
22					60	CO5	Illustrate "Online Analytical Processing" tool of data analysis for decision making in business	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
23	SEM II	070144209 - PR	T7069	Intelligent Systems Lab	60	CO1	Implement Intelligent System (IS) application using Prolog.	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	-	-	-
23					60	CO2	Reconstruct Depth-First Search (DFS) and 8-Queens problem using Prolog.	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	-	-	-
23					60	CO3	Implement 8-puzzle and travelling salesman problem in Prolog.	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	
23					60	CO4	Application of neural network for solving Robot Traversal problem.	Strong-H	Strong-H	Strong-H	-	Moderate-M	-	-	-	-	-	-	-	
23					60	CO5	Design real world engineering application using Natural Language Processing (NLP).	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	-	-	-	-	-	-	-	
24	SEM II	070144210 - PR	T7528	Internet Of Things Lab	60	CO1	Sensing the data: interfacing sensor with microcontroller	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	
24					60	CO2	Communicateting the data: communicating the sensed data using ZigBee	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	-	
24					60	CO3	Learning from the data: Integration of data with the cloud	Strong-H	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-	
24					60	CO4	Consolidating on the previous IoT aspects and development of a small project	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
25	SEM II	070144211 - PR	TE7124	Technical Writing Lab	60	CO1	Demonstrate an understanding of stages of the technical writing process.	-	-	-	-	Moderate-M	-	-	-	Moderate-M	-	-	-	
25					60	CO2	Write clearly, accurate and concisely on technology related topics.	Moderate-M	-	-	-	-	-	-	Strong-H	-	Moderate-M	-	-	
25					60	CO3	Understand, and interpret material on technology.	Strong-H	Strong-H	-	Strong-H	-	-	-	-	Moderate-M	-	-	-	
25					60	CO4	Familiarize themselves with basic sources and methods of research including on-line resources.	-	-	-	-	Strong-H	-	-	-	-	-	Strong-H	-	

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27					60	CO3	Sketch and use Perceptron Models & Networks.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H
27					60	CO4	Design and implement of rules in Neural Networks (NN).	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H
27					60	CO5	Outline fuzzy sets and fuzzy logic system components.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	-	-	-	Strong-H
28	SEM III	070144101 - PP	T7059	Applied Algorithm	60	CO1	To understand methods for analyzing algorithms	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	Moderate-M	Moderate-M	Moderate-M	-
28					60	CO2	To apply algorithm complexity analysis to different algorithms	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	-	-	Moderate-M	Moderate-M	Moderate-M	-
28					60	CO3	To understand advanced graph algorithms by examples & analysis of those algorithms.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	-	-	Moderate-M	Moderate-M	Moderate-M	-
28					60	CO4	To understand & apply design of approximation algorithms & their performance analysis.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	Moderate-M	Moderate-M	Moderate-M	-
28					60	CO5	To understand & apply design of parallel algorithms & their performance analysis	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	Moderate-M	Moderate-M	Moderate-M	-
29	SEM III	070144102 - PP	TE7007	Advanced Computing	60	CO1	Relate and design distributed computing system concepts to various case studies.	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M	-	-	-	-	-	-	-
29					60	CO2	Relate the importance of Grid Computing in various industrial applications and architectures.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-

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29					60	CO3	Formulate and assess practical ease in implementing Cloud based systems.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-
29					60	CO4	Summarize and evaluate the computations given by wearable devices used in distributed environment and its architecture.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-
29					60	CO5	Categorize various clustering processes involved in data mining and machine learning domains.	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	-	-	-	-	-	-	-
30	SEM III	070144103 - PP	T7070	Advanced Numerical Method In Engineering	60	CO1	Apply iterative methods and power series method to solve system of simultaneous equations and eigen value problems.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Strong-H	-	Moderate-M	-
30					60	CO2	Evaluate Improper intergral (single and double) using numerical methods.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Strong-H	-	Moderate-M	-
30					60	CO3	Apply numerical techniques for curve fitting of given data.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Strong-H	-	Moderate-M	-
30					60	CO4	Solve ordinary differential equations using numerical methods and check the convergence of method.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Strong-H	-	Moderate-M	-
30					60	CO5	Apply finite difference methods for solving boundary value problems from partial differential equations.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	-	Strong-H	-	Moderate-M	-

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31	SEM III	070144104 - PP	T7139	network computing	60	CO1	Apply knowledge of probability for network analysis	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Strong-H	-	
31					60	CO2	To study numerous data models used in data networks	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-	
31					60	CO3	To learn network capacity planning	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H	-	
31					60	CO4	To obtain deeper understanding on edge/Fog computing	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-
31					60	CO5	To research on social network computing and the related research challenges such as privacy and analytics on real social network data such as Twitter	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	-	
31					60	CO6	Learning through projects and research study	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-
32	SEM III	070144105 - PP	T7674	Advanced Database	60	CO1	Illustrate functions, procedures, cursors in PL/SQL.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-	
32					60	CO2	Examine containers like "for loop" and "for each loop" using SSIS in a data warehouse.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-	
32					60	CO3	Experiment with extraction, transformation and loading (ETL process) of data in Data Warehousing.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-	
32					60	CO4	Analyze "Online Analytical Processing" tool of data analysis for decision making in business.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-	

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32					60	CO5	Compare different data mining algorithms for finding frequent item set such as A-priori, FP-Growth.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
32					60	CO6	Illustrate the working of the cloud data models such as Amazon Dynamo and Google Big Table.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
33	SEM III	070144106 - PR	T7802	Applied Algorithm Lab	60	CO1	Analyze, compare and design better algorithms using algorithm design strategies.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	-	Moderate-M	Moderate-M	Moderate-M	-
33					60	CO2	Derive recurrence equations for recursive algorithms and apply methodologies to solve recurrences and analyze the algorithms.	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	-	-	-	Moderate-M	Moderate-M	Moderate-M	-
33					60	CO3	Analyze advanced algorithms for solving many real-life problems using Graph data structures.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	-	-	-	Moderate-M	Moderate-M	Moderate-M	-
33					60	CO4	Design optimized algorithms for parallel machines (multiple processors) to provide real-time solutions to real-time problems.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	Moderate-M	-
33					60	CO5	Design approximation algorithms to solve NP-hard optimization problems.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	-	-	-	Moderate-M	Moderate-M	Moderate-M	-
34	SEM III	070144108 - PR	T7071	Advanced Numerical Method In Engineering Lab	60	CO1	Use MATLAB builtin functions from linear algebra and graphs.	Strong-H	Weak-L	Weak-L	Moderate-M	Strong-H	-	-	-	Strong-H	Moderate-M	Strong-H	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
34					60	CO2	Write and execute MATLAB script for different numerical methods .	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	-	-	Strong-H	Moderate-M	Strong-H	-
34					60	CO3	Develop MATLAB code to solve initial value problem.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	-	-	Strong-H	Moderate-M	Strong-H	-
34					60	CO4	Develop MATLAB code to solve boundary value problem.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	-	-	-	Strong-H	-	Strong-H	-
35	SEM III	070144110 - PR	TE7113	Advanced Database Lab	60	CO1	Differentiate between function and procedure in PL/SQL using programming examples.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
35					60	CO2	Compare “for loop” and “for each loop” container using SSIS in a data warehouse.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
35					60	CO3	Analyze integration services in a data warehouse.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
35					60	CO4	Test different data flow transformations data in a data warehouse.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
35					60	CO5	Illustrate “Online Analytical Processing” tool of data analysis for decision making in business	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	-	-	-	Moderate-M	-	-	-
36	SEM III	070144111 - PP	T7520	Cyber Security	60	CO1	Analyze and illustrate threat models	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	-
36					60	CO2	Examine the different cyber laws and their importance	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	-
36					60	CO3	Compare and contrast the implemented management practices in the cyber world	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H	Strong-H	Weak-L	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
36					60	CO4	Illustrate Symmetric and Asymmetric Encryption mechanisms	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L	Strong-H	Strong-H	Weak-L	-

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Technology Programme Name : Master of Technology (Mechanical Engineering)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Scholarship of Knowledge: Acquire in-depth knowledge of specific discipline or professional area, including wider and global perspective, with an ability to discriminate, evaluate, analyze and synthesize existing and new knowledge, and integration of the same for enhancement of knowledge
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Critical Thinking: Analyze complex engineering problems critically, apply independent judgement for synthesizing information to make intellectual and/or creative advances for conducting research in a wider theoretical, practical and policy context.
3	GA1	Scholarship: research, inquiry and lifelong learning	PO3	Problem Solving: Think laterally and originally, conceptualize and solve engineering problems, evaluate a wide range of potential solutions for those problems and arrive at feasible, optimal solutions after considering public health and safety, cultural, societal and environmental factors in the core areas of expertise.
4	GA1	Scholarship: research, inquiry and lifelong learning	PO4	Research Skill: Extract information pertinent to unfamiliar problems through literature survey and experiments, apply appropriate research methodologies, techniques and tools, design, conduct experiments, analyze and interpret data, demonstrate higher order skill and view things in a broader perspective, contribute individually/in group(s) to the development of scientific/technological knowledge in one or more domains of engineering.
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Usage of modern tools: Create, select, learn and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modelling, to complex engineering activities with an understanding of the limitations.
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	Collaborative and Multidisciplinary work: Possess knowledge and understanding of group dynamics, recognize opportunities and contribute positively to collaborative-multidisciplinary scientific research, demonstrate a capacity for self-management and teamwork, decision-making based on open-mindedness, objectivity and rational analysis in order to achieve common goals and further the learning of themselves as well as others.
7	GA1	Scholarship: research, inquiry and lifelong learning	PO7	Project Management and Finance: Demonstrate knowledge and understanding of engineering and management principles and apply the same to one's own work, as a member and leader in a team, manage projects efficiently in respective disciplines and multidisciplinary environments after consideration of economic and financial factors.
8	GA2	Global citizenship: ethical, social and professional understanding	PO8	Communication: Communicate with the engineering community, and with society at large, regarding complex engineering activities confidently and effectively, such as, being able to comprehend and write effective reports and design documentation by adhering to appropriate standards, make effective presentations, and give and receive clear instructions.
9	GA1	Scholarship: research, inquiry and lifelong learning	PO9	Life-long Learning: Recognise the need for and have the preparation and ability to engage in life-long learning independently, with a high level of enthusiasm and commitment to improve knowledge and competence continuously.
10	GA2	Global citizenship: ethical, social and professional understanding	PO10	Ethical Practices and Social Responsibility: Acquire professional and intellectual integrity, professional code of conduct, ethics of research and scholarship, consideration of the impact of research outcomes on professional practices and an understanding of responsibility to contribute to the community for sustainable development of society.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	To create professionals in the field of Geospatial Technology
2	GA2	Global citizenship: ethical, social and professional understanding	PO2	To develop the skills required to cater the needs of global Geoinformatics industry
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	To develop Hands-on Learning experience for spatial data handling
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	To provide a industry exposure to understand application technology

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
1	Sem I	070241101 - PP	TE7147	Principles of GIS	60	CO1	Apply basic concepts of Geographic Information Systems to spatial data.	Strong-H	Strong-H	Strong-H	Strong-H
1					60	CO2	Compare and analyze different GIS data formats including raster, vector	Strong-H	Strong-H	Strong-H	Strong-H
1					60	CO3	Apply the concepts of data creation with spatial characteristics and topology to spatial data	Strong-H	Strong-H	Strong-H	Strong-H
1					60	CO4	Apply data transformation techniques such as raster to vector	Strong-H	Strong-H	Strong-H	Strong-H
1					60	CO5	Apply data compression techniques such as Quadtree, run-length encoding and wavelet to spatial data	Strong-H	Strong-H	Strong-H	Strong-H
1					60	CO6	Basic concepts, models, theories and techniques in modern map-making	Strong-H	Strong-H	Strong-H	Strong-H
1					60	CO7	Compare and analyze different map reading and alignments	Strong-H	Strong-H	Strong-H	Strong-H
1					60	CO8	Apply the concepts of Geodesy in Map making	Strong-H	Strong-H	Strong-H	Strong-H
1					60	CO9	Apply projection techniques in spatial data	Strong-H	Strong-H	Strong-H	Strong-H
2	Sem I	070241101 - PR	TE7147	Principles of GIS	60	CO1	Apply basic concepts of Geographic Information Systems to spatial data.	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO2	Compare and analyze different GIS data formats including raster, vector	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO3	Apply the concepts of data creation with spatial characteristics and topology to spatial data	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO4	Apply data transformation techniques such as raster to vector	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO5	Apply data compression techniques such as Quad tree, run-length encoding and wavelet to spatial data	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO6	Basic concepts, models, theories and techniques in modern map-making	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO7	Compare and analyze different map reading and alignments	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO8	Apply the concepts of Geodesy in Map making	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
2					60	CO9	Apply projection techniques in spatial data	Strong-H	Strong-H	Strong-H	Strong-H
3	Sem I	070241102 - PP	TE7148	Principles of Remote Sensing	60	CO1	Able to learn about remote sensing and basic concepts of data acquisition through Remote Sensing and develop understanding of remotely sensed data usage and its place in geoinformatic	Strong-H	Strong-H	Strong-H	Strong-H
3					60	CO2	Apply the concepts of data acquisition through remote sensing in various platforms and will have understanding on scale of data collected from various sources	Strong-H	Strong-H	Strong-H	Strong-H
3					60	CO3	Able to learn the use of various image interpretation techniques to aerial photographs/satellite images	Strong-H	Strong-H	Strong-H	Strong-H
3					60	CO5	Able to learn about MW remote sensing and gain knowledge on RADAR and its functionality, and use of MW image for various applications	Strong-H	Strong-H	Strong-H	Strong-H
4	Sem I	070241102 - PR	TE7148	Principles of Remote Sensing	60	CO1	Able to learn about remote sensing and basic concepts of data acquisition through Remote Sensing and develop understanding of remotely sensed data usage and its place in geoinformatic	Strong-H	Strong-H	Strong-H	Strong-H
4					60	CO2	Apply the concepts of data acquisition through remote sensing in various platforms and will have understanding on scale of data collected from various sources	Strong-H	Strong-H	Strong-H	Strong-H
4					60	CO3	Able to learn the use of various image interpretation techniques to aerial photographs/satellite images	Strong-H	Strong-H	Strong-H	Strong-H
4					60	CO4	Able to learn about physical laws governing evolution of thermal remote sensing, and develop understanding of thermal imagery and its applications in earths resource management	Strong-H	Strong-H	Strong-H	Strong-H
4					60	CO5	Able to learn about MW remote sensing and gain knowledge on RADAR and its functionality, and use of MW image for various applications	Strong-H	Strong-H	Strong-H	Strong-H
4					60	CO6	Able to develop understanding of hyper-spectral and LIDAR remote sensing and its applications in earths resource management	Strong-H	Strong-H	Strong-H	Strong-H
5	Sem I	070241103 - PP	T7174	Applied Statistics	60	CO1	To enable students to understand Data and modify it to analyse the same	Moderate-M	Moderate-M	Moderate-M	Moderate-M
5					60	CO2	To understand concept of Probability and apply the same to business situations	Moderate-M	Moderate-M	Weak-L	Weak-L
5					60	CO3	To be able to link the variables using Regression and Correlation Analysis	Moderate-M	Moderate-M	Weak-L	Weak-L
5					60	CO4	To understand the concept of Hypothesis and apply it to Business Situations	Moderate-M	Moderate-M	Moderate-M	Moderate-M
5					60	CO5	To use Computer applications for the above.	Moderate-M	Moderate-M	Weak-L	Weak-L
6	Sem I	070241104 - PP	T2239	Business Communication	60	CO1	Understand the meaning and importance of communication in current globalized scenario.	Moderate-M	Moderate-M	Moderate-M	Moderate-M
6					60	CO2	Communicate effectively in a professional environment	Moderate-M	Moderate-M	Moderate-M	Moderate-M
6					60	CO3	Overcome communication barriers by using tools and methods of effective communication.	Moderate-M	Moderate-M	Moderate-M	Moderate-M
6					660	CO4	Effectively use latest communication technologies.	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
7	Sem I	070241105 - PP	T7175	Computer Fundamental and Cyber security	60	CO1	Knowledge of computer equipment, including both hardware and software	Moderate-M	Moderate-M	Strong-H	Strong-H
7					60	CO2	Analysing problems, and designing and implementing algorithmic solutions.	Moderate-M	Moderate-M	Strong-H	Strong-H
7					60	CO3	Solving problems properly, achieving an implementation that is correct, effective and efficient.	Moderate-M	Moderate-M	Strong-H	Strong-H
7					60	CO4	Knowledge of using computers at user level, including operative systems and programming environments.	Moderate-M	Moderate-M	Strong-H	Strong-H
7					60	CO5	Knowledge of Computer Networks and Cyber Security	Moderate-M	Moderate-M	Strong-H	Strong-H
7					60	CO6	Knowledge of Current Technologies and Trends	Moderate-M	Moderate-M	Strong-H	Strong-H
8	Sem I	070241106 - PP	T2573	Organizational Behaviour	60	CO1	1.Understanding basic concepts of human behaviour	Strong-H	Strong-H	Strong-H	Strong-H
8					60	CO2	2. Understand basic concepts of Organization behaviour	Strong-H	Strong-H	Strong-H	Strong-H
8					60	CO3	3. Application of concepts to workplace	Strong-H	Strong-H	Strong-H	Strong-H
9	Sem I	070241107 - PP	T7053	Surveying & Cartography	60	CO1	Introduction to Surveying	Strong-H	Strong-H	Strong-H	Strong-H
9					60	CO2	Modern Surveying Equipment	Strong-H	Strong-H	Strong-H	Strong-H
9					60	CO3	Modern control establishment techniques	Strong-H	Strong-H	Strong-H	Strong-H
9					60	CO4	Cartography	Strong-H	Strong-H	Strong-H	Strong-H
10	Sem I	070241108 - PP	TE7163	Programming Language I	60	CO1	Apply basic concepts of Programming using Python.	Strong-H	Strong-H	Strong-H	Strong-H
10					60	CO2	Develop understanding of Programming and its application in logic development.	Strong-H	Strong-H	Strong-H	Strong-H
10					60	CO3	Apply the concepts of python for developing programs	Strong-H	Strong-H	Strong-H	Strong-H
11	Sem I	070241108 - PR	TE7163	Programming Language I	60	CO1	Apply basic concepts of Programming using Python.	Strong-H	Strong-H	Strong-H	Strong-H
11					60	CO2	Develop understanding of Programming and its application in logic development.	Strong-H	Strong-H	Strong-H	Strong-H
11					60	CO3	Apply the concepts of python for developing programs	Strong-H	Strong-H	Strong-H	Strong-H
12	Sem I	070241109 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Moderate-M	Moderate-M	Weak-L	Weak-L
12					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Weak-L	Weak-L	Weak-L	Weak-L
12					60	CO3	To train students to perform First aid and CPR in an emergency..	Weak-L	Weak-L	Weak-L	Weak-L
13	Sem II	070241201 - PP	TE7149	Geo Image Processing	60	CO1	Apply basic of image classification techniques to satellite image	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
13					60	CO2	Demonstrate ability to apply various spectral as well as spatial algorithms such as filtering, histogram matching etc.	Strong-H	Strong-H	Strong-H	Strong-H
13					60	CO3	Apply various spectral indices such as normalize differential vegetation index to enhance remotely sensed data	Strong-H	Strong-H	Strong-H	Strong-H
13					60	CO4	Compare and analyze Kappa accuracy, Regression and overall accuracy	Strong-H	Strong-H	Strong-H	Strong-H
13					60	CO5	Learn & analyse different classification algorithm	Strong-H	Strong-H	Strong-H	Strong-H
14	Sem II	070241201 - PR	TE7149	Geo Image Processing	60	CO1	Apply basic of image classification techniques to satellite image	Strong-H	Strong-H	Strong-H	Strong-H
14					60	CO2	Demonstrate ability to apply various spectral as well as spatial algorithms such as filtering, histogram matching etc.	Strong-H	Strong-H	Strong-H	Strong-H
14					60	CO3	Apply various spectral indices such as normalize differential vegetation index to enhance remotely sensed data	Strong-H	Strong-H	Strong-H	Strong-H
14					60	CO4	Compare and analyze Kappa accuracy, Regression and overall accuracy	Strong-H	Strong-H	Strong-H	Strong-H
14					60	CO5	Learn & analyse different classification algorithm	Strong-H	Strong-H	Strong-H	Strong-H
15	Sem II	070241202 - PR	TE7397	Photogrammetry	60	CO1	1. Introduction to the concept of Photogrammetry	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO2	2. Mathematics of Photogrammetry	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO3	3. Application of concepts to aerial data	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO4	4.Orthorectification Projects on different types of data	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO5	5. Stereo Viewing and 3D editing	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO6	6. Editing of Terrain	Strong-H	Strong-H	Strong-H	Strong-H
16	Sem II	070241202 - PP	TE7397	Photogrammetry	60	CO1	1. Introduction to the concept of Photogrammetry	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO2	2. Mathematics of Photogrammetry	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO3	3. Application of concepts to aerial data	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO4	4.Orthorectification Projects on different types of data	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO5	5. Stereo Viewing and 3D editing	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO6	6. Editing of Terrain	Strong-H	Strong-H	Strong-H	Strong-H
17	Sem II	070241203 - PP	T3010	Essentials of Internet and Web Technologies	60	CO1	1. Demonstrate an understanding of TCP/IP technology	Moderate-M	Moderate-M	Moderate-M	Moderate-M
17					60	CO2	Demonstrate an appreciation of Internet protocols	Moderate-M	Moderate-M	Weak-L	Weak-L
17					60	CO3	3. Demonstrate an understanding of HTML 5	Moderate-M	Moderate-M	Weak-L	Weak-L
17					60	CO4	4. Apply various CSS options to Web pages	Moderate-M	Moderate-M	Moderate-M	Moderate-M
17					60	CO5	Use JavaScript effectively	Moderate-M	Moderate-M	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
18	Sem II	070241204 - PR	T7162	GIS Application Development	60	CO1	Introduction to COM & Arcobject	Moderate-M	Moderate-M	Moderate-M	Moderate-M
18					60	CO2	Introduction to UML	Moderate-M	Moderate-M	Moderate-M	Moderate-M
18					60	CO3	Class and Interface Relationship	Moderate-M	Moderate-M	Moderate-M	Moderate-M
18					60	CO4	Accessing Maps and Layers	Moderate-M	Moderate-M	Strong-H	Strong-H
18					60	CO5	Data Access	Moderate-M	Moderate-M	Strong-H	Strong-H
18					60	CO6	Querying and Selection	Moderate-M	Moderate-M	Strong-H	Strong-H
18					60	CO7	Introduction to ArcPy	Moderate-M	Moderate-M	Strong-H	Strong-H
18					60	CO8	Working with GP Tools	Moderate-M	Moderate-M	Strong-H	Strong-H
18					60	CO9	Deployment	Moderate-M	Moderate-M	Strong-H	Strong-H
19	Sem II	070241204 - PP	T7162	GIS Application Development	60	CO1	Introduction to COM & Arcobject	Moderate-M	Moderate-M	Moderate-M	Moderate-M
19					60	CO2	Intorduction to UML	Moderate-M	Moderate-M	Moderate-M	Moderate-M
19					60	CO3	Class and Interface Relationship	Moderate-M	Moderate-M	Moderate-M	Moderate-M
19					60	CO4	Accessing Maps and Layers	Moderate-M	Moderate-M	Strong-H	Strong-H
19					60	CO5	Data Access	Moderate-M	Moderate-M	Strong-H	Strong-H
19					60	CO6	Querying and Selection	Moderate-M	Moderate-M	Strong-H	Strong-H
19					60	CO7	Introduction to ArcPy	Moderate-M	Moderate-M	Strong-H	Strong-H
19					60	CO8	Working with GP Tools	Moderate-M	Moderate-M	Strong-H	Strong-H
19					60	CO9	Deployment	Moderate-M	Moderate-M	Strong-H	Strong-H
20	Sem II	070241205 - PP	T7041	Global Navigation Satellite System	60	CO1	Able to learn about GNSS, their importance, and countries equipped with their own GNSS systems	Moderate-M	Moderate-M	Strong-H	Strong-H
20					60	CO2	Able to learn about concepts/techniques employed for measuring distance and position through GNSS	Moderate-M	Moderate-M	Strong-H	Strong-H
20					60	CO3	Gain exclusive knowledge on US GPS system	Moderate-M	Moderate-M	Strong-H	Strong-H
20					60	CO4	Gain knowledge on codes used in GNSS and errors associated with them	Moderate-M	Moderate-M	Strong-H	Strong-H
20					60	CO5	Able to develop understanding on GNSS Signal Structure	Moderate-M	Moderate-M	Strong-H	Strong-H
20					60	CO6	Gain Knowledge on working principle of DGPs and Surveying	Moderate-M	Moderate-M	Strong-H	Strong-H
21	Sem II	070241205 - PR	T7041	Global Navigation Satellite System	60	CO1	Able to learn about GNSS, their importance, and countries equipped with their own GNSS systems	Moderate-M	Moderate-M	Strong-H	Strong-H
21					60	CO2	Able to learn about concepts/techniques employed for measuring distance and position through GNSS	Moderate-M	Moderate-M	Strong-H	Strong-H
21					60	CO3	Gain exclusive knowledge on US GPS system	Moderate-M	Moderate-M	Strong-H	Strong-H
21					60	CO4	Gain knowledge on codes used in GNSS and errors associated with them	Moderate-M	Moderate-M	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
21					60	CO5	Able to develop understanding on GNSS Signal Structure	Moderate-M	Moderate-M	Strong-H	Strong-H
21					60	CO6	Gain Knowledge on working principle of DGPs and Surveying	Moderate-M	Moderate-M	Strong-H	Strong-H
22	Sem II	070241206 - PP	T7161	Principles of Database Management System	60	CO1	Students will be able to Explain and Define Database management system, Differentiate database systems from file	Strong-H	Strong-H	Strong-H	Strong-H
22					60	CO2	Students will able to Define the terminology, features, classifications, and characteristics embodied in database systems.	Strong-H	Strong-H	Strong-H	Strong-H
22					60	CO3	Able to Demonstrate the understanding of the relational data model and Transform an conceptual data model(E-R diagram) into a relational database schema	Strong-H	Strong-H	Strong-H	Strong-H
22					60	CO4	Students will be able to Demonstrate an understanding of normalization theory and apply such knowledge to the normalization of a database.	Strong-H	Moderate-M	Strong-H	Strong-H
22					60	CO5	Use an SQL interface of a multi-user relational DBMS package to create, secure, populate, maintain, and query a database.	Strong-H	Moderate-M	Strong-H	Strong-H
23	Sem II	070241206 - PR	T7161	Principles of Database Management System	60	CO1	Students will be able to Explain and Define Database management system, Differentiate database systems from file	Strong-H	Strong-H	Strong-H	Strong-H
23					60	CO2	Students will able to Define the terminology, features, classifications, and characteristics embodied in database systems.	Strong-H	Strong-H	Strong-H	Strong-H
23					60	CO3	Able to Demonstrate the understanding of the relational data model and Transform an conceptual data model(E-R diagram) into a relational database schema	Strong-H	Strong-H	Strong-H	Strong-H
23					60	CO4	Students will be able to Demonstrate an understanding of normalization theory and apply such knowledge to the normalization of a database.	Strong-H	Moderate-M	Strong-H	Strong-H
23					60	CO5	Use an SQL interface of a multi-user relational DBMS package to create, secure, populate, maintain, and query a database.	Strong-H	Moderate-M	Strong-H	Strong-H
24	Sem II	070241207 - PP	TE7165	Programming Language II	60	CO1	Design and implement solutions in Python to automate geoprocessing tasks	Strong-H	Strong-H	Strong-H	Strong-H
24					60	CO2	Development of tools using python for GIS applications	Strong-H	Strong-H	Strong-H	Strong-H
24					60	CO3	Apply spatial data processing using Python	Strong-H	Strong-H	Strong-H	Strong-H
25	Sem II	070241207 - PR	TE7165	Programming Language II	60	CO1	Design and implement solutions in Python to automate geoprocessing tasks	Strong-H	Strong-H	Strong-H	Strong-H
25					60	CO2	Development of tools using python for GIS applications	Strong-H	Strong-H	Strong-H	Strong-H
25					60	CO3	Apply spatial data processing using Python	Strong-H	Strong-H	Strong-H	Strong-H
26	Sem II	070241208 - PR	T7163	Spatial Analysis	60	CO1	Construct different analytical tool to utilized overlay function	Strong-H	Strong-H	Strong-H	Strong-H
26					60	CO2	Ability to compare and analyze the relationship between different spatial entities and their effects	Strong-H	Strong-H	Strong-H	Strong-H
26					60	CO3	Prioritize and analyzed overlay function and their sequence in model	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
26					60	CO4	Ability to construct and analyze spatial and geographical networking	Strong-H	Strong-H	Strong-H	Strong-H
26					60	CO5	Construct vector based models to solve complex phenomenon	Strong-H	Strong-H	Strong-H	Strong-H
27	Sem II	070241208 - PP	T7163	Spatial Analysis	60	CO1	Construct different analytical tool to utilize overlay function	Strong-H	Strong-H	Strong-H	Strong-H
27					60	CO2	Ability to compare and analyze the relationship between different spatial entities and their effects	Strong-H	Strong-H	Strong-H	Strong-H
27					60	CO3	Prioritize and analyze overlay function and their sequence in model	Strong-H	Strong-H	Strong-H	Strong-H
27					60	CO4	Ability to construct and analyze spatial and geographical networking	Strong-H	Strong-H	Strong-H	Strong-H
27					60	CO5	Construct vector based models to solve complex phenomenon	Strong-H	Strong-H	Strong-H	Strong-H
28	Sem II	070241209 - PP	TE7152	R for Spatial Science	60	CO1	1. Demonstrate understanding of R Language with respect to remotely sensed data through series of lab assignment	Strong-H	Strong-H	Strong-H	Strong-H
28					60	CO2	2. Demonstrate Understanding theoretical foundations of basic Program writing in R	Strong-H	Strong-H	Strong-H	Strong-H
28					60	CO3	3. Apply the R programming skills to read, write and manipulate with location based data in R environment	Strong-H	Strong-H	Strong-H	Strong-H
28					60	CO4	4. Demonstrate the R programming skills for importing and exporting the spatial data sets in appropriate data structure as Data frame, matrix, array and vector in R environment for further data processing	Strong-H	Strong-H	Strong-H	Strong-H
29	Sem II	070241209 - PR	TE7152	R for Spatial Science	60	CO1	1. Demonstrate understanding of R Language with respect to remotely sensed data through series of lab assignment	Strong-H	Strong-H	Strong-H	Strong-H
29					60	CO2	2. Demonstrate Understanding theoretical foundations of basic Program writing in R	Strong-H	Strong-H	Strong-H	Strong-H
29					60	CO3	3. Apply the R programming skills to read, write and manipulate with location based data in R environment	Strong-H	Strong-H	Strong-H	Strong-H
29					60	CO4	4. Demonstrate the R programming skills for importing and exporting the spatial data sets in appropriate data structure as Data frame, matrix, array and vector in R environment for further data processing	Strong-H	Strong-H	Strong-H	Strong-H
30	Sem III	070241301 - PP	T7903	Summer Project	60	CO1	To apply the Skills in application development as per the requirement of the industry	Strong-H	Strong-H	Strong-H	Strong-H
30					60	CO2	To develop the statistical analysis skills among the students	Strong-H	Strong-H	Strong-H	Strong-H
30					60	CO3	To develop the research skills of the students	Strong-H	Strong-H	Strong-H	Strong-H
31	Sem III	070241302 - PP	T7170	GIS Application Design	60	CO1	Introduction to Networking Basics	Strong-H	Strong-H	Strong-H	Strong-H
31					60	CO2	Introduction to Enterprise GIS	Strong-H	Strong-H	Strong-H	Strong-H
31					60	CO3	ArcGIS Server Configuration	Strong-H	Strong-H	Strong-H	Strong-H
31					60	CO4	Working with ArcGIS JS API	Strong-H	Strong-H	Strong-H	Strong-H
31					60	CO5	ArcGIS Web Applications	Strong-H	Strong-H	Strong-H	Strong-H

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31					60	CO6	Mini Project	Strong-H	Strong-H	Strong-H	Strong-H
31					60	CO7	Enterprize Geodatabase	Strong-H	Strong-H	Strong-H	Strong-H
32	Sem III	070241303 - PP	T7165	Remote Sensing Application	60	CO1	Demonstrate through assignments knowledge of application of remotely sensed data	Strong-H	Strong-H	Strong-H	Strong-H
32					60	CO2	Develop understanding of remotely sensed data usage specific to various domains such as vegetation, water resources, soil and urban landscape	Strong-H	Strong-H	Strong-H	Strong-H
32					60	CO3	Effectively address issues related to remote sensing application in environmental monitoring	Strong-H	Strong-H	Strong-H	Strong-H
32					60	CO4	Conceptualize and execute projects to demonstrate the problem solving capability using remotely sensed data	Strong-H	Strong-H	Strong-H	Strong-H
32					60	CO5	Understand future trends in remote sensing technology and its application	Strong-H	Strong-H	Strong-H	Strong-H
33	Sem III	070241303 - PR	T7165	Remote Sensing Application	60	CO1	Demonstrate through assignments knowledge of application of remotely sensed data	Strong-H	Strong-H	Strong-H	Strong-H
33					60	CO2	Develop understanding of remotely sensed data usage specific to various domains such as vegetation, water resources, soil and urban landscape	Strong-H	Strong-H	Strong-H	Strong-H
33					60	CO3	Effectively address issues related to remote sensing application in environmental monitoring	Strong-H	Strong-H	Strong-H	Strong-H
33					60	CO4	Conceptualize and execute projects to demonstrate the problem solving capability using remotely sensed data	Strong-H	Strong-H	Strong-H	Strong-H
33					60	CO5	Understand future trends in remote sensing technology and its application	Strong-H	Strong-H	Strong-H	Strong-H
34	Sem III	070241304 - PR	T7168	Digital Photogrammetry	60	CO1	Orthorecification Projects on different types of data	Moderate-M	Moderate-M	Strong-H	Strong-H
34					60	CO2	Stereo Viewing and 3D editing	Moderate-M	Moderate-M	Strong-H	Strong-H
34					60	CO3	Editing of Terrain	Moderate-M	Moderate-M	Strong-H	Strong-H
35	Sem III	070241304 - PP	T7168	Digital Photogrammetry	60	CO1	Orthorecification Projects on different types of data	Moderate-M	Moderate-M	Strong-H	Strong-H
35					60	CO2	Stereo Viewing and 3D editing	Moderate-M	Moderate-M	Strong-H	Strong-H
35					60	CO3	Editing of Terrain	Moderate-M	Moderate-M	Strong-H	Strong-H
36	Sem III	070241305 - PP	T7171	Software Testing Methodologies	60	CO1	To understand the software development life cycle and importance of software testing	Moderate-M	Moderate-M	Strong-H	Strong-H
36					60	CO2	To study the software verification and validation methods	Moderate-M	Moderate-M	Strong-H	Strong-H
36					60	CO3	To apply different software testing tools for software testing to maintain the quality of the software	Moderate-M	Moderate-M	Strong-H	Strong-H
37	Sem III	070241306 - PP	T7370	Spatial Modeling	60	CO1	Able to developed mathematical model with spatial data	Strong-H	Strong-H	Strong-H	Strong-H
37					60	CO2	Compare a different models and analyzed	Strong-H	Strong-H	Strong-H	Strong-H
37					60	CO3	Apply the concept of global and local interpolation	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
37					60	CO4	Able to developed predictive model in different thematic areas	Strong-H	Strong-H	Strong-H	Strong-H
37					60	CO5	Create and Construct spatial model	Strong-H	Strong-H	Strong-H	Strong-H
38	Sem III	070241306 - PR	T7370	Spatial Modeling	60	CO1	Able to developed mathematical model with spatial data	Strong-H	Strong-H	Strong-H	Strong-H
38					60	CO2	Compare a different models and analyzed	Strong-H	Strong-H	Strong-H	Strong-H
38					60	CO3	Apply the concept of global and local interpolation	Strong-H	Strong-H	Strong-H	Strong-H
38					60	CO4	Able to developed predictive model in different thematic areas	Strong-H	Strong-H	Strong-H	Strong-H
38					60	CO5	Create and Construct spatial model	Strong-H	Strong-H	Strong-H	Strong-H
39	Sem III	070241307 - PP	T7167	GIS Project Management	60	CO1	Demonstrate knowledge of Principles of Project Management including Concept and Definition	Moderate-M	Moderate-M	Strong-H	Strong-H
39					60	CO2	Demonstrate ability to apply various Project Management Tools and Techniques in various project management process groups	Moderate-M	Moderate-M	Strong-H	Strong-H
39					60	CO3	Explain how project management techniques Applied in real life scenario	Moderate-M	Moderate-M	Strong-H	Strong-H
39					60	CO4	Explain, practice various areas of Project Management : Scope management, risk management, issue management, communication management, requirements gathering, time management, Precedence Diagramming Method, Activity Sequencing Technique, Network Diagram, PERT/CPM, cost management, Quality, HR management etc.	Moderate-M	Moderate-M	Strong-H	Strong-H
39					60	CO5	Thouroughly understand Project Charter, Project Plan and all other auxilliary plans and how the same is deployed	Moderate-M	Moderate-M	Strong-H	Strong-H
40	Sem III	070241308 - PP	T7049	Quality Concepts	60	CO1	Apply basic concepts of Quality Assurance and Quality Control to Geoinformatics project	Moderate-M	Moderate-M	Strong-H	Strong-H
40					60	CO2	Learn various aspects affecting the quality of software projects	Moderate-M	Moderate-M	Strong-H	Strong-H
40					60	CO3	Apply the concepts of process management	Moderate-M	Moderate-M	Strong-H	Strong-H
40					60	CO4	Use various Quality Control tools in project execution	Moderate-M	Moderate-M	Strong-H	Strong-H
40					60	CO5	Apply quality assurance to achieve project specifications and customer satisfaction	Moderate-M	Moderate-M	Strong-H	Strong-H
41	Sem III	070241309 - PP	TE7151	Enterprise Architecture	60	CO1	Able to Understand and Expain the foundation element of Enterprise architecture	Strong-H	Strong-H	Strong-H	Strong-H
41					60	CO2	Able to Discuss and Compare distinguish Enterprise architectures	Strong-H	Strong-H	Strong-H	Strong-H
41					60	CO3	Able to Interpret and summerize EA practices and techniques	Strong-H	Strong-H	Strong-H	Strong-H
41					60	CO4	Able to establish the relationship how Enterprise Architecture supports the stretegic objective of organization	Strong-H	Strong-H	Strong-H	Strong-H
41					60	CO5	Able to Evaluate the role of technology in Enterprise architecture development for successful project management.	Strong-H	Strong-H	Strong-H	Strong-H
42	Sem III	070241309 - PR	TE7151	Enterprise Architecture	60	CO1	Able to Understand and Expain the foundation element of Enterprise architecture	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
42					60	CO2	Able to Discuss and Compare distinguish Enterprise architectures	Strong-H	Strong-H	Strong-H	Strong-H
42					60	CO3	Able to Interpret and summerize EA practices and techniques	Strong-H	Strong-H	Strong-H	Strong-H
42					60	CO4	Able to establish the relationship how Enterprise Architecture supports the stretegic objective of organization	Strong-H	Strong-H	Strong-H	Strong-H
42					60	CO5	Able to Evaluate the role of technology in Enterprise architecture development for successful project management.	Strong-H	Strong-H	Strong-H	Strong-H
43	Sem III	070241310 - PP	F0001	Geoinformatics Applications in Natural Resource Management	60	CO1	Demonstrate through assignments knowledge of application of geospatial data for natural resource management.	Strong-H	Moderate-M	Moderate-M	Strong-H
43					60	CO2	Develop understanding of types of landuse, landcover forest mapping	Moderate-M	Moderate-M	Moderate-M	Moderate-M
43					60	CO3	Understand the concepts of biomass and biodiversity mapping	Moderate-M	Moderate-M	Moderate-M	Strong-H
43					60	CO4	Understand the concepts of soil mapping	Moderate-M	Moderate-M	Moderate-M	Moderate-M
43					60	CO5	Evaluate the impact of global warming	Strong-H	Strong-H	Strong-H	Strong-H
44	Sem III	070241311 - PP	T7187	Facility and Utility Management	60	CO1	Introduction to FM UM	Strong-H	Strong-H	Strong-H	Strong-H
44					60	CO2	FM-UM Components	Strong-H	Strong-H	Strong-H	Strong-H
44					60	CO3	Working with Electricity Network	Strong-H	Strong-H	Strong-H	Strong-H
44					60	CO4	Working with Water Network	Strong-H	Strong-H	Strong-H	Strong-H
44					60	CO5	Mini Project	Strong-H	Strong-H	Strong-H	Strong-H
45	Sem III	070241312 - PP	T7039	Mobile GIS	60	CO1	1. Get an OverView and Introduction to Mobile GIS	Strong-H	Strong-H	Strong-H	Strong-H
45					60	CO2	2.Get an OverView and Introduction to JavaScript	Strong-H	Strong-H	Strong-H	Strong-H
45					60	CO3	3. Understand the Requirement and Usage Of DOM	Strong-H	Strong-H	Strong-H	Strong-H
45					60	CO4	4. Use Canvas for Mobile & Web Applications	Strong-H	Strong-H	Strong-H	Strong-H
45					60	CO5	5. Understand the Implementation of GeoLocation in MobileGIS	Strong-H	Strong-H	Strong-H	Strong-H
46	Sem III	070241313 - PP	TE7158	GIS for Health Care Management	60	CO1	Promote a critical understanding of the major practices and techniques associated with GIS in the many applications areas found in public health.	Moderate-M	Moderate-M	Strong-H	Strong-H
46					60	CO2	Classify and describe major contemporary issues in global health. Promote an understanding of how geography as a discipline contributes to understanding health and health care.	Moderate-M	Moderate-M	Strong-H	Strong-H
46					60	CO3	Identify sources of disease ecology approach, Landscape epidemiology, geographies of major infectious agents, emerging infectious diseases.	Moderate-M	Moderate-M	Strong-H	Strong-H
46					60	CO7	Interpret and priorities Regional/Small area health studies, Individual health studies	Strong-H	Strong-H	Strong-H	Strong-H
47	Sem III	070241317 - PP		Research Publication	60	CO1	To develop the skills of Technical writing	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
47					60	CO2	To apply the research methodology knowledge in the form of research publication	Strong-H	Strong-H	Strong-H	Strong-H
48	Sem IV	070241401 - PP	T7812	Industry Project	60	CO1	To apply the Skills in applictaion development as per the requirement of the industry	Moderate-M	Moderate-M	Moderate-M	Moderate-M
48					60	CO2	To apply the Geo statistical and modelling methods as per the Industry requirement.	Strong-H	Strong-H	Strong-H	Strong-H
48					60	CO3	To develop the research skills of the students	Strong-H	Strong-H	Strong-H	Strong-H
48					60	CO4	To develop the technical writing and presentation skills among students	Strong-H	Strong-H	Strong-H	Strong-H
48					60	CO5	To create the new knowledge and tools as per the industry requirement.	Strong-H	Strong-H	Strong-H	Strong-H

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Geoinformatics Programme Name : Master of Science(Data Sciences and Spatial Analytics)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	To develop the human resource in the field of Data Science
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	To develop the human resource in the field of Spatial Analytics
3	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO3	To create a expert in the area of big data analytics
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	To enhance ability of candidate in data mining in spatial domain
5	GA2	Global citizenship: ethical, social and professional understanding	PO5	To provide industry exposure in spatial data analytics domain

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
1	Sem I	070243101 - PP	TE7444	Mathematics for Spatial Sciences	60	CO1	Demonstrate knowledge of mathematics with respect to Data science concepts	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
1					60	CO2	Demonstrate through numerical practice ability to apply various mathematical techniques for given problem statement	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
1					60	CO3	Apply various mathematical practices to understand spatial data	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
1					60	CO4	Demonstrate ability to mathematically model the spatial data problems.	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
1					60	CO5	Understand future trends in application of mathematics with respect to huge spatial data sets.	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Weak-L
2	Sem I	070243102 - PP	T7174	Applied Statistics	60	CO1	Students will be able to apply statistical techniques for real world data analysis challenges	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO2	Students will able to avoid common errors in data analytics	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO3	Able to interpret statistical results, charts and models to better decision making	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO4	student will able to understand the challenges associated with statistical analysis and data acquisition techniques	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
2					60	CO5	Students will able to transform dataset into model through statistical analysis using statistical tools/ statistical programming language	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
3	Sem I	070243103 - PP	T3440	Fundamentals of Data Science	60	CO1	Understanding and Appreciating the various basics in the domain of Data Science	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
3					60	CO2	Demonstrate a basic understanding of Tools and Techniques used in Data Science	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
3					60	CO3	Understanding and demonstrating the various ways of Data Capture	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
3					60	CO4	Demonstrate ability to write basic algorithms on fundamental problems connected to the domain knowledge	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
3					60	CO5	Conceptual understanding on the ability to convert basic algorithms into R programs	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
4	Sem I	070243104 - PP	T3017	Python Programming	60	CO1	Apply basic concepts of Programming using Python.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
4					60	CO2	Develop understanding of Programming and its application in logic development.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
4					60	CO3	Apply the concepts of python for developing programs	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
5	Sem I	070243104 - PR	T3017	Python Programming PR	60	CO1	Apply basic concepts of Programming using Python.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
5					60	CO2	Develop understanding of Programming and its application in logic development.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
5					60	CO3	Apply the concepts of python for developing programs	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
6	Sem I	070243105 - PP	TE7442	Introduction to Geospatial Technology	60	CO1	Apply basic concepts of Geographic Information Systems to spatial data.	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
6					60	CO2	Compare and analyze different GIS data formats including raster, vector	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
6					60	CO3	Apply the concepts of data creation with spatial characteristics	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
6					60	CO4	Basic concepts, models, theories and techniques in modern map-making	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
6					60	CO5	Apply projection techniques in spatial data	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
7	Sem I	070243105 - PR	TE7442	Introduction to Geospatial Technology	60	CO1	Apply basic concepts of Geographic Information Systems to spatial data.	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
7					60	CO2	Compare and analyze different GIS data formats including raster, vector	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
7					60	CO3	Apply the concepts of data creation with spatial characteristics	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
7					60	CO4	Basic concepts, models, theories and techniques in modern map-making	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
7					60	CO5	Apply projection techniques in spatial data	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
8	Sem I	070243106 - PP	TE7446	Programming for Spatial Sciences	60	CO1	. Demonstrate understating of computational techniques with respect to remotely sensed data through series of lab assignments.	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
8					60	CO2	Demonstrate Understanding theoritcal foundations of algorithm design and program structure	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
8					60	CO3	Apply the R programming skills to read, write and manipulate with location based data in R environment	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
8					60	CO4	Demonstrate the R programming skills for importing and exporting the spatial data sets in appropriate data structure as Data frame, matrix, array and vector in R environment for further data processing	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
9	Sem I	070243106 - PR	TE7446	Programming for Spatial Sciences	60	CO1	. Demonstrate understating of computational techniques with respect to remotely sensed data through series of lab assignments.	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
9					60	CO2	Demonstrate Understanding theoritcal foundations of algorithm design and program structure	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
9					60	CO3	Apply the R programming skills to read, write and manipulate with location based data in R environment	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
9					60	CO4	Demonstrate the R programming skills for importing and exporting the spatial data sets in appropriate data structure as Data frame, matrix, array and vector in R environment for further data processing	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
10	Sem I	070243107 - PP	T2239	Business Communication	60	CO1	Understand the meaning and importance of communication in current globalized scenario.	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
10					60	CO2	Communicate effectively in a professional environment	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
10					60	CO3	Overcome communication barriers by using tools and methods of effective communication	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
10					60	CO4	Effectively use latest communication technologies	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
11	Sem I	070243108 - PP	T7674	Cyber Security	60	CO1	Analyze and illustrate threat models	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
11					60	CO2	Examine the different cyber laws and their importance	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
11					60	CO3	Compare and contrast the implemented management practices in the cyber world	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
11					60	CO4	Illustrate Symmetric and Asymmetric Encryption mechanisms	Weak-L	Weak-L	Strong-H	Strong-H	Strong-H	Strong-H
12	Sem I	070243109 - PP	T4005	Integrated Disaster Management	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
12					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
12					60	CO3	To train students to perform First aid and CPR in an emergency.	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L	Weak-L
13	Sem II	070243201 - PP	TE7447	Spatial Big Data and Storage Analytics	60	CO1	Demonstrate knowledge of spatial big data with respect to remotely sensed data through series of lab assignments.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
13					60	CO2	Demonstrate through lab assignments ability to convert data from varied formats or structures to a desirable format for analysis and visualization	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
13					60	CO3	Apply various data concepts clean, transform and merge data attributes/variables appropriately	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
13					60	CO4	Understand current analysis, presentation, and collaboration tools in the spatial data science field.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
14	Sem II	070243201 - PR	TE7447	Spatial Big Data and Storage Analytics	60	CO1	Demonstrate knowledge of spatial big data with respect to remotely sensed data through series of lab assignments.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
14					60	CO2	Demonstrate through lab assignments ability to convert data from varied formats or structures to a desirable format for analysis and visualization	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
14					60	CO3	Apply various data concepts clean, transform and merge data attributes/variables appropriately	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
14					60	CO4	Understand current analysis, presentation, and collaboration tools in the spatial data science field.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
15	Sem II	070243202 - PP	T3111	Data Mining and Algorithms	60	CO1	To Demonstrate Data warehousing and data mining are the essential components of decision support systems for the modern day industry and business	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO2	To to make the students aware of Data Warehousing tools and techniques for query optimization of Datawarehouse and Data Mining Algorithms.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO3	To apply data mining clustering and classification algorithms to solve the problems	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO4	Development of mining algorithm using R programming for real life case studies	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
16	Sem II	070243203 - PP	T3447	Machine learning	60	CO1	Model Development	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO2	Case study of Machine Learning applications	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO3	Machine Learning model forClassification	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO4	Classification techniques	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO5	To apply Machine Learning techniques to new problems	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
17	Sem II	070243204 - PP	TE7440	Advance Python Programming for Spatial Analytics	60	CO1	Demonstrate the python programming skills to process the spatial data.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
17					60	CO2	Demonstrate through lab assignments ability to use various python libraries for spatial data analysis.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
17					60	CO3	Analyze and manage the spatial data using various python libraries as GDAL, Shapely and using python based geodatabse connectivity	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
17					60	CO4	Demonstrate the knowledge of python libraries to manipulate the GRIDs using GMT, manage projection system using python and aggregation of spatial data	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
18	Sem II	070243204 - PR	TE7440	Advance Python Programming for Spatial Analytics	60	CO1	Demonstrate the python programming skills to process the spatial data.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
21					60	CO3	Able to identify important data in given scenerio, categorize data types, Imagine data flow, explore and discover data relationships, Exlpain datalimitation.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
21					60	CO4	student will able to Design spatial networks using conceptual data modelling techniques including Graphs , transform CD to relational databse and access different sets using spatial data Query language	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
21					60	CO5	Students will able to identify spatial trends like Topological Similartiese, Directional Simlertiese, Distance Similertiese, Attribute Relation	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
22	Sem II	070243207 - PP	F7006	Flexi-Credit Course- Principles and Practices of Data Protection	60	CO1	Demonstrate the understanding of the data life cycle.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
22					60	CO2	Distinguish between quality of data generation processes.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
22					60	CO3	To examine the data generated from different sources.	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
22					60	CO4	To analyze the legal frameworks for data protection	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
23	Sem II	070243208 - PP	F7007	Flexi-Credit Course - Infrastructure management for data science	60	CO1	Demonstrate knowledge of data infrastructure used for data science tool development	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
23					60	CO2	Understand High performance computing and various tools and techniques used for application deployment	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
23					60	CO3	Demonstrate ability to use Massively parallel processing through presentations	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
23					60	CO4	Understand Warehouse scale computing and resource management techniques	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L
23					60	CO5	Understand interface , tools and libraries used for data cience tool development	Strong-H	Moderate-M	Weak-L	Weak-L	Weak-L	Weak-L

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis Institute of Geoinformatics Programme Name : Master of Technology(Geo-informatics and Surveying Technology)

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	To create technology professionals in the field of Geoinformatics
2	GA2	Global citizenship: ethical, social and professional understanding	PO2	To develop the skills required to cater to the needs of the global Geoinformatics industry.
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	To develop Hands-on learning experience for developing systems for spatial data handling.
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	To provide industry exposure to understand the development of geospatial technology.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
1	Sem I	070146101 - PP	T7174	Applied Statistics	60	CO1	To enable students to understand Data and modify it to analyse the same	Moderate-M	Moderate-M	Strong-H	Strong-H
1					60	CO2	To understand concept of Probability and apply the same to business situations	Moderate-M	Moderate-M	Strong-H	Strong-H
1					60	CO3	To be able to link the variables using Regression and Correlation Analysis	Moderate-M	Moderate-M	Strong-H	Strong-H
1					60	CO4	To understand the concept of Hypothesis and apply it to Business Situations	Moderate-M	Moderate-M	Strong-H	Strong-H
1					60	CO5	To use Computer applications for the above.	Moderate-M	Moderate-M	Strong-H	Strong-H
2	Sem I	070146102 - PP	T7033	Fundamentals of Remote Sensing	60	CO1	Able to learn about remote sensing and basic concepts of data acquisition through Remote Sensing and develop understanding of remotely sensed data usage and its place in geoinformatic	Strong-H	Strong-H	Moderate-M	Moderate-M
2					60	CO2	Apply the concepts of data acquisition through remote sensing in various platforms and will have understanding on scale of data collected from various sources	Strong-H	Strong-H	Moderate-M	Moderate-M
2					60	CO3	Able to learn the use of various image interpretation techniques to aerial photographs/satellite images	Strong-H	Strong-H	Strong-H	Moderate-M
2					60	CO4	Able to learn about MW remote sensing and gain knowledge on RADAR and its functionality, and use of MW image for various applications	Strong-H	Moderate-M	Strong-H	Moderate-M
3	Sem I	070146103 - PP	T7029	Digital Photogrammetry	60	CO1	Orthorectification Projects on different types of data	Strong-H	Strong-H	Moderate-M	Moderate-M
3					60	CO2	Stereo Viewing and 3D editing	Strong-H	Strong-H	Moderate-M	Moderate-M
3					60	CO3	Editing of Terrain	Strong-H	Strong-H	Strong-H	Moderate-M
4	Sem I	070146104 - PP	T7031	Fundamentals of Geographic Information Systems	60	CO1	Apply basic concepts of Geographic Information Systems to spatial data.	Strong-H	Strong-H	Strong-H	Strong-H
4					60	CO2	Compare and analyze different GIS data formats including raster, vector	Strong-H	Strong-H	Strong-H	Strong-H
4					60	CO3	Apply the concepts of data creation with spatial characteristics and topology to spatial data	Strong-H	Strong-H	Strong-H	Strong-H
4					60	CO4	Apply data transformation techniques such as raster to vector	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
4					60	CO5	Apply data compression techniques such as Quadtree, run-length encoding and wavelet to spatial data	Strong-H	Strong-H	Strong-H	Strong-H
4					60	CO6	Apply projection techniques in spatial data	Strong-H	Strong-H	Strong-H	Strong-H
5	Sem I	070146105 - PP	T7041	Global Navigation Satellite System	60	CO1	Able to learn about GNSS, their importance, and countries equipped with their own GNSS systems	Strong-H	Strong-H	Strong-H	Strong-H
5					60	CO2	Able to learn about concepts/techniques employed for measuring distance and position through GNSS	Strong-H	Strong-H	Strong-H	Strong-H
5					60	CO3	Gain exclusive knowledge on US GPS system	Strong-H	Strong-H	Strong-H	Strong-H
5					60	CO4	Gain knowledge on codes used in GNSS and errors associated with them	Strong-H	Strong-H	Strong-H	Strong-H
5					60	CO5	Able to develop understanding on GNSS Signal Structure	Strong-H	Strong-H	Strong-H	Strong-H
5					60	CO6	Gain Knowledge on working principle of DGPs and Surveying	Strong-H	Strong-H	Strong-H	Strong-H
6	Sem I	070146106 - PP	TE7163	Programming Languages-I	60	CO1	Apply basic concepts of Programming using Python.	Strong-H	Strong-H	Strong-H	Strong-H
6					60	CO2	Develop understanding of Programming and its application in logic development.	Strong-H	Strong-H	Strong-H	Strong-H
6					60	CO3	Apply the concepts of python for developing programs	Strong-H	Strong-H	Strong-H	Strong-H
7	Sem I	070146107 - PP	T7053	Surveying and Cartography	60	CO1	Introduction to Surveying	Moderate-M	Moderate-M	Strong-H	Strong-H
7					60	CO2	Modern Surveying Equipment	Moderate-M	Moderate-M	Strong-H	Strong-H
7					60	CO3	Modern control establishment techniques	Moderate-M	Moderate-M	Strong-H	Strong-H
7					60	CO4	Cartography	Moderate-M	Moderate-M	Strong-H	Strong-H
8	Sem I	070146108 - PP	T7674	Cyber Security	60	CO1	Analyze and illustrate threat models	Moderate-M	Moderate-M	Moderate-M	Weak-L
8					60	CO2	Examine the different cyber laws and their importance	Moderate-M	Moderate-M	Moderate-M	Moderate-M
8					60	CO3	Compare and contrast the implemented management practices in the cyber world	Moderate-M	Moderate-M	Strong-H	Moderate-M
8					60	CO4	Illustrate Symmetric and Asymmetric Encryption mechanisms	Moderate-M	Moderate-M	Strong-H	Strong-H
9	Sem I	070146109 - PP	TE7156	Digital Photogrammetry Lab	60	CO1	Orthorectification Projects on different types of data	Strong-H	Strong-H	Strong-H	Strong-H
9					60	CO2	Stereo Viewing and 3D editing	Strong-H	Strong-H	Strong-H	Strong-H
9					60	CO3	Editing of Terrain	Strong-H	Strong-H	Strong-H	Strong-H
10	Sem I	070146110 - PP	T7032	Fundamentals of Geographic Information Systems Lab	60	CO1	Apply basic concepts of Geographic Information Systems to spatial data.	Strong-H	Strong-H	Strong-H	Strong-H
10					60	CO2	Compare and analyze different GIS data formats including raster, vector	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
10					60	CO3	Apply the concepts of data creation with spatial characteristics and topology to spatial data	Strong-H	Strong-H	Strong-H	Strong-H
10					60	CO4	Apply data transformation techniques such as raster to vector	Strong-H	Strong-H	Strong-H	Strong-H
10					60	CO5	Apply data compression techniques such as Quadtree, run-length encoding and wavelet to spatial data	Strong-H	Strong-H	Strong-H	Strong-H
10					60	CO6	Apply projection techniques in spatial data	Strong-H	Strong-H	Strong-H	Strong-H
11	Sem I	070146111 - PP	T7034	Fundamentals of Remote Sensing Lab	60	CO1	Able to learn about remote sensing and basic concepts of data acquisition through Remote Sensing and develop understanding of remotely sensed data usage and its place in geoinformatic	Strong-H	Strong-H	Strong-H	Strong-H
11					60	CO2	Apply the concepts of data acquisition through remote sensing in various platforms and will have understanding on scale of data collected from various sources	Strong-H	Strong-H	Strong-H	Strong-H
11					60	CO3	Able to learn the use of various image interpretation techniques to aerial photographs/satellite images	Strong-H	Strong-H	Strong-H	Strong-H
11					60	CO5	Able to learn about MW remote sensing and gain knowledge on RADAR and its functionality, and use of MW image for various applications	Strong-H	Strong-H	Strong-H	Strong-H
12	Sem I	070146112 - PP	T7042	Global Navigation Satellite System Lab	60	CO1	Able to learn about GNSS, their importance, and countries equipped with their own GNSS systems	Strong-H	Strong-H	Strong-H	Strong-H
12					60	CO2	Able to learn about concepts/techniques employed for measuring distance and position through GNSS	Strong-H	Strong-H	Strong-H	Strong-H
12					60	CO3	Gain exclusive knowledge on US GPS system	Strong-H	Strong-H	Strong-H	Strong-H
12					60	CO4	Gain knowledge on codes used in GNSS and errors associated with them	Strong-H	Strong-H	Strong-H	Strong-H
12					60	CO5	Able to develop understanding on GNSS Signal Structure	Strong-H	Strong-H	Strong-H	Strong-H
12					60	CO6	Gain Knowledge on working principle of DGPs and Surveying	Strong-H	Strong-H	Strong-H	Strong-H
13	Sem I	070146113 - PP	TE7162	Programming Languages-I Lab	60	CO1	Apply basic concepts of Programming using Python.	Strong-H	Strong-H	Strong-H	Strong-H
13					60	CO2	Develop understanding of Programming and its application in logic development.	Strong-H	Strong-H	Strong-H	Strong-H
13					60	CO3	Apply the concepts of python for developing programs	Strong-H	Strong-H	Strong-H	Strong-H
14	Sem II	070146201 - PP	T7057	Advanced Databases	60	CO1	Design and implement advanced queries using PL / SQL	Moderate-M	Moderate-M	Strong-H	Strong-H
14					60	CO2	Understand the concept of Datawarehouse and design a datawarehouse using tool	Moderate-M	Moderate-M	Strong-H	Strong-H
14					60	CO3	Understanding data mining algorithms and implement the same using data mining tool	Moderate-M	Moderate-M	Strong-H	Strong-H
14					60	CO4	Understand cloud data store	Moderate-M	Moderate-M	Strong-H	Strong-H
14					60	CO5	Understand advanced transaction processing	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
15	Sem II	070146202 - PP	T7092	Digital Image Processing in GIS	60	CO1	Demonstrate knowledge of image processing techniques with respect to remotely sensed data	Strong-H	Strong-H	Moderate-M	Moderate-M
15					60	CO2	Demonstrate ability to apply various spectral as well as spatial algorithms such as filtering, histogram matching.	Strong-H	Strong-H	Moderate-M	Moderate-M
15					60	CO3	Apply various spectral indices such as normalize differential vegetation index to enhance remotely sensed data.	Strong-H	Strong-H	Strong-H	Moderate-M
15					60	CO4	Understand and develop Image classification strategies through various algorithms	Strong-H	Strong-H	Strong-H	Strong-H
15					60	CO5	Understand future trends in image classification techniques with respect to remotely sensed data.	Strong-H	Strong-H	Strong-H	Strong-H
16	Sem II	070146203 - PP	T7051	Spatial Modeling & Analysis	60	CO1	Construct different analytical tool to utilized overlay function	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO2	Construct vector based models to solve complex phenomenon	Strong-H	Strong-H	Strong-H	Strong-H
16					60	CO3	Able to demonstrate spatial statistics & process	Strong-H	Strong-H	Strong-H	Strong-H
17	Sem II	070146204 - PP	TE7165	Programming Language II	60	CO1	Design and implement solutions in Python to automate geoprocessing tasks	Moderate-M	Moderate-M	Strong-H	Strong-H
17					60	CO2	Development of tools using python for GIS applications	Moderate-M	Moderate-M	Strong-H	Strong-H
17					60	CO3	Apply spatial data processing using Python	Moderate-M	Moderate-M	Strong-H	Strong-H
18	Sem II	070146205 - PP	T7370	Research Methodology in GIS	60	CO1	Enable students comprehend research issues	Strong-H	Moderate-M	Moderate-M	Moderate-M
18					60	CO2	Enable students to identify research questions and formulate research hypothesis	Strong-H	Moderate-M	Moderate-M	Moderate-M
18					60	CO3	Equip students with various techniques of research design and data collection	Strong-H	Moderate-M	Strong-H	Moderate-M
18					60	CO4	Enable students to synthesize qualitative and quantitative data crunching techniques	Strong-H	Moderate-M	Strong-H	Strong-H
18					60	CO5	Enable students for proper documentation for publication and patents	Strong-H	Strong-H	Strong-H	Strong-H
19	Sem II	070146206 - PP	T7049	Spatial Data Base Management	60	CO1	Students will be able to Explain and Define Database management system, Distinguish DBMS and SDBMS	Strong-H	Strong-H	Strong-H	Strong-H
19					60	CO2	Students will be able to list various functionalities, limitations and constraints associated with digital database concerning spatial component of data.	Strong-H	Strong-H	Strong-H	Strong-H
19					60	CO3	Able to identify important data in given scenario, categorize data types, Imagine data flow, explore and discover data relationships, Explain data limitation.	Strong-H	Strong-H	Strong-H	Strong-H
19					60	CO4	student will be able to Design spatial networks using conceptual data modelling techniques including Graphs, transform CD to relational database and access different sets using spatial data Query language	Strong-H	Strong-H	Strong-H	Strong-H
20	Sem II	070146207 - PP	T7081	Web GIS and Application Design	60	CO1	Apply basics of Geographic Mark-up Language and web interface design to analyse the web maps.	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
20					60	CO2	Analyze Client/Server architecture, processing and programming for spatial data analysis.	Strong-H	Strong-H	Strong-H	Strong-H
20					60	CO3	Prioritize GIS server, spatial data engine in context to web applications.	Strong-H	Strong-H	Strong-H	Strong-H
20					60	CO4	Prioritize operations related to spatial data engine, storage and management of raster and vector data, versioned and nonversioned geodatabase.	Strong-H	Strong-H	Strong-H	Strong-H
20					60	CO5	Produce output with .NET programming and extension GIS software.	Strong-H	Strong-H	Strong-H	Strong-H
21	Sem II	070146209 - PP	T7028	Digital Image Processing Lab	60	CO1	Demonstrate knowledge of image processing techniques with respect to remotely sensed data	Strong-H	Strong-H	Strong-H	Strong-H
21					60	CO2	Demonstrate ability to apply various spectral as well as spatial algorithms such as filtering, histogram matching.	Strong-H	Strong-H	Strong-H	Strong-H
21					60	CO3	Apply various spectral indices such as normalize differential vegetation index to enhance remotely sensed data.	Strong-H	Strong-H	Strong-H	Strong-H
21					60	CO4	Understand and develop Image classification strategies through various algorithms	Strong-H	Strong-H	Strong-H	Strong-H
21					60	CO5	Understand future trends in image classification techniques with respect to remotely sensed data.	Strong-H	Strong-H	Strong-H	Strong-H
22	Sem II	070146210 - PP	T7050	Spatial Data Base Management Lab	60	CO1	Students will be able to Explain and Define Database management system, Distinguish DBMS and SDBMS	Strong-H	Strong-H	Strong-H	Strong-H
22					60	CO2	Students will able to list various functionalities , limitations and constraint associated with digital database concerning spatial component of data.	Strong-H	Strong-H	Strong-H	Strong-H
22					60	CO3	Able to identify important data in given scenerio, categorize data types, Imagine data flow, explore and discover data relationships, Explain datalimitation.	Strong-H	Strong-H	Strong-H	Strong-H
22					60	CO4	student will able to Design spatial networks using conceptual data modelling techniques including Graphs , transform CD to relational datbase and access different sets using spatial data Query language	Strong-H	Strong-H	Strong-H	Strong-H
22					60	CO5	Students will able to identify spatial trends like Topological Similrtiese, Directional Simlertiese, Distance Similrtiese, Attribute Relation	Strong-H	Strong-H	Strong-H	Strong-H
23	Sem II	070146211 - PP	T7052	Spatial Modeling & Analysis Lab	60	CO1	Construct different analytical tool to utilized overlay function	Strong-H	Strong-H	Strong-H	Strong-H
23					60	CO2	Construct vector based models to solve comlex phenomenon	Strong-H	Strong-H	Strong-H	Strong-H
23					60	CO3	Able to demonstarte spatial statistics & process	Strong-H	Strong-H	Strong-H	Strong-H
23					60	CO4	Ability to construct and analyze spatial and geographical networking	Strong-H	Strong-H	Strong-H	Strong-H
24	Sem II	070146212 - PP	T7082	Web GIS and Application Design Lab	60	CO1	Analyze client server relationship for geospatial application	Strong-H	Strong-H	Strong-H	Strong-H
24					60	CO2	Produce output with .NET programming and extension GIS software.	Strong-H	Strong-H	Strong-H	Strong-H
24					60	CO3	To create web applications for Spatil data	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
25	Sem II	070146213 - PP	TE7164	Programming Language II Lab	60	CO1	Design and implement solutions in Python to automate geoprocessing tasks	Strong-H	Strong-H	Strong-H	Strong-H
25					60	CO2	Development of tools using python for GIS applications	Strong-H	Strong-H	Strong-H	Strong-H
25					60	CO3	Apply spatial data processing using Python	Strong-H	Strong-H	Strong-H	Strong-H
26	Sem II	070146214 - PP	T4005	Integrated Disaster Management *	60	CO1	To enable student understand various types of disasters, its preparedness and management.	Weak-L	Weak-L	Weak-L	Weak-L
26					60	CO2	To instill knowledge on reducing disasters and capacity building through community participation.	Weak-L	Weak-L	Weak-L	Weak-L
26					60	CO3	To train students to perform First aid and CPR in an emergency.	Weak-L	Weak-L	Weak-L	Weak-L
27	Sem II	070146216 - PP	T7037	Geoinformatics Applications in Human Settlement	60	CO1	Demonstrate through assignments knowledge of application of geospatial data for natural resource management.	Strong-H	Strong-H	Strong-H	Strong-H
27					60	CO2	Develop understanding of geospatial data usage with respect to various domains.	Strong-H	Strong-H	Strong-H	Strong-H
27					60	CO3	Effectively address issues related to application of geospatial technology in environmental monitoring.	Strong-H	Strong-H	Strong-H	Strong-H
27					60	CO4	Conceptualize and execute projects to demonstrate the problem solving capability using geospatial data.	Strong-H	Strong-H	Strong-H	Strong-H
27					60	CO5	Analyze future trends in geospatial technology and its application in natural resource management.	Strong-H	Strong-H	Strong-H	Strong-H
28	Sem II	070146218 - PP	T7187	GIS for Health Care Management	60	CO1	Promote a critical understanding of the major practices and techniques associated with GIS in the many applications areas found in public health.	Moderate-M	Moderate-M	Strong-H	Strong-H
28					60	CO2	Classify and describe major contemporary issues in global health. Promote an understanding of how geography as a discipline contributes to understanding health and health care.	Moderate-M	Moderate-M	Strong-H	Strong-H
28					60	CO3	Identify sources of disease ecology approach, Landscape epidemiology, geographies of major infectious agents, emerging infectious diseases.	Moderate-M	Moderate-M	Strong-H	Strong-H
28					60	CO4	Interpret and priorities Regional/Small area health studies, Individual health studies	Moderate-M	Moderate-M	Strong-H	Strong-H
29	Sem II	070146221 - PP		Google Earth Engine	60	CO1	To demonstrate the Javascript basics	Weak-L	Weak-L	Moderate-M	Moderate-M
29					60	CO2	To illustrate the libraries for Google earth engine	Moderate-M	Moderate-M	Moderate-M	Moderate-M
29					60	CO3	To illustrate the applications of Google Earth Engine	Strong-H	Strong-H	Strong-H	Strong-H
30	Sem III	070146301 - PP		M.Tech Project	60	CO1	To apply the geospatial skills to application development as per the Industry requirements	Strong-H	Strong-H	Strong-H	Strong-H
31	Sem III	070146302 - PP	F0004	Spatial Data Base Management	60	CO1	Students will be able to Expalin and Define Database management system, Distinguish DBMS and SDBMS	Moderate-M	Moderate-M	Moderate-M	Strong-H
31					60	CO2	Students will able to list various functionalities , limitations and constraint associted with digital database concerning spatial component of data.	Moderate-M	Moderate-M	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
31					60	CO3	Able to identify important data in given scenerio, categorize data types, Imagine data flow, explore and discover data relationships, Expain datalimitation.	Moderate-M	Moderate-M	Moderate-M	Strong-H
31					60	CO4	student will able to Design spatial networks using conceptual data modelling techniques including Graphs , transform CD to relational dabase and access different sets using spatial data Query language	Weak-L	Moderate-M	Moderate-M	Strong-H
31					60	CO5	Students will able to identify spatial trends like Topological Similartiese, Directional Simlertiese, Distance Similertiese, Attribute Relation	Weak-L	Strong-H	Strong-H	Strong-H
32	Sem III	070146303 - PP	T7168	GIS Project Management	60	CO1	Demonstrate knowledge of Principles of Project Management including Concept and Definition	Moderate-M	Moderate-M	Strong-H	Strong-H
32					60	CO2	Demonstrate ability to apply various Project Management Tools and Techniques in various project management process groups	Moderate-M	Moderate-M	Strong-H	Strong-H
32					60	CO3	Explain how project management techniques Applied in real life scenario	Moderate-M	Moderate-M	Strong-H	Strong-H
32					60	CO4	Explain, practice various areas of Project Management : Scope management, risk management, issue management, communication management, requirements gathering, time management, Precedence Diagramming Method, Activity Sequencing Technique, Network Diagram, PERT/CPM, cost management, Quality, HR management etc.	Moderate-M	Moderate-M	Strong-H	Strong-H
32					60	CO5	Thouroughly understand Project Charter, Project Plan and all other auxilliary plans and how the same is deployed	Moderate-M	Moderate-M	Strong-H	Strong-H
33	Sem III	070146303 - PP		Research Publication	60	CO1	To develop the skills of Technical writing	Strong-H	Strong-H	Strong-H	Strong-H
33					60	CO2	To apply the research methodology knowledge in the form of research publication	Strong-H	Strong-H	Strong-H	Strong-H
34	Sem III	070146304 - PP	T7029	Digital Photogrammetry	60	CO1	Orthorecification Projects on different types of data	Moderate-M	Moderate-M	Strong-H	Strong-H
34					60	CO2	Stereo Viewing and 3D editing	Moderate-M	Moderate-M	Strong-H	Strong-H
34					60	CO3	Editing of Terrain	Moderate-M	Moderate-M	Strong-H	Strong-H
35	Sem III	070146305 - PR	T7050	Spatial Data Base Management Lab	60	CO1	Students will be able to Expalin and Define Database management system, Distinguish DBMS and SDBMS	Strong-H	Strong-H	Strong-H	Strong-H
35					60	CO2	Students will able to list various functionalities , limitations and constraint associated with digital database concerning spatial component of data.	Strong-H	Strong-H	Strong-H	Strong-H
35					60	CO3	Able to identify important data in given scenerio, categorize data types, Imagine data flow, explore and discover data relationships, Expain datalimitation.	Strong-H	Strong-H	Strong-H	Strong-H
35					60	CO4	student will able to Design spatial networks using conceptual data modelling techniques including Graphs , transform CD to relational dabase and access different sets using spatial data Query language	Strong-H	Strong-H	Strong-H	Strong-H
35					60	CO5	Students will able to identify spatial trends like Topological Similartiese, Directional Simlertiese, Distance Similertiese, Attribute Relation	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
36	Sem III	070146306 - PR	T7030	Digital Photogrammetry Lab	60	CO1	Orthorectification Projects on different types of data	Strong-H	Strong-H	Strong-H	Strong-H
36					60	CO2	Stereo Viewing and 3D editing	Strong-H	Strong-H	Strong-H	Strong-H
36					60	CO3	Editing of Terrain	Strong-H	Strong-H	Strong-H	Strong-H
37	Sem III	070146307 - PP	T7036	Geoinformatics Applications in Facility and Utility Management	60	CO1	Introduction to FM UM	Moderate-M	Moderate-M	Strong-H	Strong-H
37					60	CO2	FM-UM Components	Moderate-M	Moderate-M	Strong-H	Strong-H
37					60	CO3	Working with Electricity Network	Moderate-M	Moderate-M	Strong-H	Strong-H
37					60	CO4	Working with Water Network	Moderate-M	Moderate-M	Strong-H	Strong-H
37					60	CO5	Mini Project	Moderate-M	Moderate-M	Strong-H	Strong-H
38	Sem III	070146308 - PP	T7038	Geoinformatics Applications in Mobile and Transportation	60	CO1	To analyze GPS and Mobile Technology applications	Moderate-M	Moderate-M	Strong-H	Strong-H
38					60	CO2	To discuss in detail Transportation models and networks using GIS tools.	Moderate-M	Moderate-M	Strong-H	Strong-H
38					60	CO3	To create webpage using JavaScript	Moderate-M	Moderate-M	Strong-H	Strong-H
39	Sem III	070146309 - PP	T7040	Geoinformatics Applications in Power and Energy	60	CO1	Introduction to Reneawable Energy	Moderate-M	Moderate-M	Strong-H	Strong-H
39					60	CO2	To developm GIS application for Wind Energy	Moderate-M	Moderate-M	Strong-H	Strong-H
39					60	CO3	To developm GIS application for Solar Energy	Moderate-M	Moderate-M	Strong-H	Strong-H
39					60	CO4	To developm GIS application for Biogas	Moderate-M	Moderate-M	Strong-H	Strong-H
39					60	CO5	To developm GIS application for Eletricity Network	Moderate-M	Moderate-M	Strong-H	Strong-H
40	Sem III	070146310 - PP	T7043	Health GIS	60	CO1	Promote a critical understanding of the major practices and techniques associated with GIS in the many applications areas found in public health.	Moderate-M	Moderate-M	Strong-H	Strong-H
40					60	CO2	Classify and describe major contemporary issues in global health. Promote an understanding of how geography as a discipline contributes to understanding health and health care.	Moderate-M	Moderate-M	Strong-H	Strong-H
40					60	CO3	Identify sources of disease ecology approach, Landscape epidemiology, geographies of major infectious agents, emerging infectious diseases.	Moderate-M	Moderate-M	Strong-H	Strong-H
40					60	CO4	Interpret and priorities Regional/Small area health studies, Individual health studies	Moderate-M	Moderate-M	Strong-H	Strong-H
41	Sem III	070146311 - PP	T7035	Geoinformatics Applications in Emergency Response Management	60	CO1	Fundamental concept of various disaster	Moderate-M	Moderate-M	Strong-H	Strong-H
41					60	CO2	Funadamental Concept of Disaster Management	Moderate-M	Moderate-M	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4
41					60	CO3	Rules and Regulation of Disaster Management	Moderate-M	Moderate-M	Strong-H	Strong-H
41					60	CO4	Steps of Disaster Management	Moderate-M	Moderate-M	Strong-H	Strong-H
41					60	CO5	Awareness of Disaster Management	Moderate-M	Moderate-M	Strong-H	Strong-H
42	Sem III	070146312 - PP	T7044	Hydrographic Surveying	60	CO1	Demonstrate a working knowledge and understanding of the principles and limitations of hydrographic survey. Conduct measurements in the marine environment.	Strong-H	Strong-H	Strong-H	Strong-H
42					60	CO2	Plan the conduct of marine surveys. Be fully aware of safety issues. Specify appropriate instrumentation and ensure correct calibration.	Strong-H	Strong-H	Strong-H	Strong-H
42					60	CO3	Hydrographic Surveying involves precise positioning and data acquisition in marine environments ranging from inland waters and rivers, to ports and the deep oceans.	Strong-H	Strong-H	Strong-H	Strong-H
42					60	CO4	This competency is about providing precise three-dimensional position and measurement of various physical features	Strong-H	Strong-H	Strong-H	Strong-H
43	Sem IV	070146401 - PP	TE7714	Thesis	60	CO1	To apply the technical knowledge to develop the industry requirements	Strong-H	Strong-H	Strong-H	Strong-H
43					60	CO2	To develop the research and development skills among the students.	Strong-H	Strong-H	Strong-H	Strong-H
43					60	CO3	To create new knowledge and skills as per the industry requirements	Strong-H	Strong-H	Strong-H	Strong-H

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO1	Demonstrate domain specific knowledge of design process, materials, media and techniques.
2	GA3	Eco-literate: sensitivity towards a sustainable environment	PO2	Use domain knowledge to generate and synthesize ideas
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	Explore and distil sources of available literature and derive relevant concepts by developing own points of view and apply aesthetic principles to design problems at hand to present work visually with clarity in speech and writing.
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	Develop awareness about current socio-cultural, political, economic, environmental events and trends to study and understand problem at hand.
5	GA2	Global citizenship: ethical, social and professional understanding	PO5	Gain working knowledge of finance, costing, IPR issues, global issues, sustainability etc. by developing an attitude for independent and life-long learning.
6	GA3	Eco-literate: sensitivity towards a sustainable environment	PO6	Demonstrate the ability to choose and apply an appropriate technology by keeping abreast of current trends in design and develop oneself as design professionals for local as well as International environments.

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1	SEM I	080121101 - PP	T8391	Design Fundamentals - 1	60	CO1	Study how the basic elements constitute the various aspects of design.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
1					60	CO2	Understand the formation of these elements.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
1					60	CO3	Analyze the inter-relationship amongst every element.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
1					60	CO4	An exposure to the basic letters using various tools and study Latin and Devanagri script.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
2	SEM I	080121102 - PP	T8512	Sketching and Drawing - 1	60	CO1	To equip the students with required skills to be able to communicate ideas visually.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
2					60	CO2	To understand the basics of Design Drawing, various theories and practices associated with Two Dimensional Drawing and Three Dimensional Drawing.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
2					60	CO3	To orient students toward Conceptual Drawing.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M

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2					60	CO4	To understand the qualities of various mediums and techniques of rendering.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
2					60	CO5	To develop a keen understanding of Presentation Techniques oriented towards Design	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
3	SEM I	080121103 - PP	T8267	Culture and Design	60	CO1	Study of the way of life of the people of India.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
3					60	CO2	To understand and perceive Indias languages, religions, dance, music, architecture, food, and customs which differ from place to place within the country.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
3					60	CO3	Awareness of the amalgamation of several cultures spans across the Indian subcontinent that includes traditions that are several centuries old.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
3					60	CO4	To know how Indian customs have had a profound impact across the world.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
4	SEM I	080121104 - PP	T8378	Craft Design Studies - 1	60	CO1	Generic, uniform & basic knowledge of various materials with skills required for its application in various design disciplines, methods of their utilization to the context of their chosen design discipline. [Materials-Straw,Paper, Thermocol, Fabric, Wire &Wood.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
4					60	CO2	Understanding of all tools used for all materials & its operations.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
4					60	CO3	Exploring possibilities & Limitations of tools & using them to create desired object.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
4					60	CO4	Basic understanding of various materials, their behavior & properties.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
4					60	CO5	Exploring possibilities & limitations of all materials & using them to create desired object.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
4					60	CO6	Understanding of 3rd dimension by handling materials listed.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
5	SEM I	080121105 - PP	T8439	History of Art and Design	60	CO1	To take inspiration from the designs in past and show the contemporize version of that inspiration in today's time.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
5					60	CO2	To understand the history of technology, automobiles, products to know how we have evolved	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M

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9					60	CO2	Ideation & conceptualization, visual & verbal [thumbnails, doodels] of same, similar or new artifact based on research done, using any one or combination of Materials [Paper, Thermocol, Fabric, MDF, Wire & Clay] or any other new suitable material.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
9					60	CO3	Visualization of their solution/concept from minimum sides [front, side, top] on paper in any media [color pencil, pastels, water colors].	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
9					60	CO4	Planning for execution of concept. Step by step operations according to limitations/possibilities of selected materials & tools required for same.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
9					60	CO5	Execution of artifact in selected material.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
10	SEM II	080121205 - PP	T8515	Society, Environment and Design	60	CO1	To understand how meaning is generated, disseminated, and produced from the social, political and economic spheres within a given culture.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
10					60	CO2	Know Cultural studies as an academic discipline aiding cultural researchers who theorize about the forces from which the whole of humankind construct their daily lives.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
10					60	CO3	The study of environment related behavior in design.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
10					60	CO4	To study Society and Humanity program researches and environmental problems from the perspective of urban sociology, examining the ways in which residents control environmental problems, in the context of the formation of social norms.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
10					60	CO5	To take an active part for training the NGO's.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
11	SEM III	050221302 - PP	T5637	Design Process and ThinkingM	60	CO1	To make the students aware of the complete Design Process and Design Thinking with an emphasis on the specifications of each specialization.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
11					60	CO2	To take the students through each individual stage of the design process leading to in depth understanding and practical application of the same	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H

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11					60	CO3	To expose the students to apply the design process to their chosen disciplines while keeping the interconnectivity of design as a whole in mind	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
11					60	CO4	To sensitize the students to the importance of going through the individual stages of the design process and application of the thought process behind it.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
12	SEM III	050221303 - PP	T5226	Introduction to Photography	60	CO1	Developing the knowledge about the History of Photography	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
12					60	CO2	Developing a skill of Creative use of light, subject in relation to camera, and camera angle.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
12					60	CO3	Use Camera and its operation Operation for best emotional response.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
12					60	CO4	Use component of photography design process for making a brief for other professional photographer.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
12					60	CO5	Use component of photography to have a Composition that delivers its meaning.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
13	SEM III	050221303 - PP	T5417	Sketching and Drawing - 3	60	CO1	To understand the basic concept of Gesture in regards to drawing for Animation.	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
13					60	CO2	To develop the ability and sensitivity towards relative proportion.	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
13					60	CO3	To develop the ability to sketch the static and dynamic gestures.	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
14	SEM III	050221304 - PP	T8406	Elements of Graphic Design	60	CO1	Students will gain their multi-disciplinary skills to offer creative and practical solutions, preparing them for challenging careers combining creativity, concepts towards publishing industry.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
14					60	CO2	Demonstrate the extension of elements and principles of design through a purposeful application and in-depth understanding of Graphic Designer's role while designing solutions in the context of users	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
14					60	CO3	Learn to incorporate typographic elements, optimizing for readability, usability and accessibility.	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
14					60	CO4	Develop an ability to communicate with design elements, across language, Regional and cultural barriers.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
14					60	CO5	To design effective Visual Communication.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L

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15	SEM III	050221304 - PP	T8406	Digital Design Tools - Film Media	60	CO1	To Know the role of Graphic Design in Today's scenario	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
15					60	CO2	Understand visual literacy and Thinking, learning to construct meaningful visual images	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
15					60	CO3	Learn to incorporate typographic elements, optimising for readability, usability and accessibility	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
15					60	CO4	Develop an ability to communicate with design elements, across language, regional and cultural barriers	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L
15					60	CO5	To design effective Visual Communication	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
16	SEM III	050221305 - PP	T5669	Basic Typography	60	CO1	Understand the fundamentals of Typography.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
16					60	CO2	To be able to observe and breakdown the uniqueness of Typefaces and its practical usages in graphic design	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
16					60	CO3	To be able to construct conceptual and functional approach in communication design	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
17	SEM III	050221306 - PP	T5670	Illustration Techniques & Exploration	60	CO1	Understand the specificity of Illustration in publication design. To be able to observe and analyze success as well as breakdown in the unique language of conceptual illustrations.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
17					60	CO2	To be able to produce simple, communicative and meaningful Illustrations.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
18	SEM III	050221307 - PP	T5671	Graphic Design Digital Tools - Basic	60	CO1	Analyse the design and apply digital tools to reconstruct the design	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
18					60	CO2	Demonstrate the skills to develop vector graphics and raster image compositions	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
18					60	CO3	Planning and managing projects with multiple steps	Weak-L	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
18					60	CO4	Create Professional print/online artwork using digital design tools	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
18					60	CO5	Develop interpretive communication skills in print/online design production	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
19	SEM III	050221308 - PP	T5663	Cinema Appreciation	60	CO1	Expose students to cinema of the world.	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H	Weak-L

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19					60	CO2	To understand how cinema functions as an artwork from an individual, as well as how it exists as a document of nationality, culture and history.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
19					60	CO3	Study of cinema as a significant cultural artefact.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
19					60	CO4	Introduce students to the art and science of film analysis.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L
20	SEM III	050221309 - PP	T5666	Film Language	60	CO1	Understand the specificity of the medium of cinema.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
20					60	CO2	To be able to observe and breakdown the unique language of cinema.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L
20					60	CO3	To be able to construct simple, succinct and meaningful audio-visual narratives.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
21	SEM III	050221310 - PP	T8339	Theatre & Acting for Moving Images	60	CO1	Introducing the essence of performance and the performing arts.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
21					60	CO2	Understanding theatrical / performance space - its disposition, creation and destruction	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
21					60	CO3	Understanding body—gesture-face expressive elements and techniques.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
21					60	CO4	Understanding the above in relation to narrative and emotive capacities.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L
22	SEM III	050221311 - PP	T5499	Fundamentals of Camera, Sound and Lighting	60	CO1	To understand the importance of sound in visual media and how to record for the same.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
22					60	CO2	Understand the impact of lighting for visual media.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
22					60	CO3	Understanding technical aspects of camera handling to capture the correct lighting.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
23	SEM III	050221312 - PP	T5636	Basics of Classical Animation	60	CO1	Understand Timing and spacing	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L
23					60	CO2	Explore Squash and stretch	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
23					60	CO3	Understand Arcs	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
23					60	CO4	Understand Exaggeration	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
23					60	CO5	Understand Straight ahead and pose to pose	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
23					60	CO6	Understand Secondary action	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
24	SEM III	050221314 - PP	T8456	Introduction to Graphic Design	60	CO1	To Know the role of Graphic Design in Todays sceanario	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L

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24					60	CO2	Understand visual literacy and Thinking, learning to construct meaningful visual images	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
24					60	CO3	Learn to incorporate typographic elements, optimising for readability, usability and accessibility	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
24					60	CO4	Develop an ability to communicate with design elements, across language, regional and cultural barriers	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
24					60	CO5	To design effective Visual Communication	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
25	SEM III	050221315 - PP	T5408	Introduction to User Experience Design	60	CO1	Understand basic concepts of UX design and its importance in industry	Weak-L	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
25					60	CO2	To recognise relationship between controls and their effects	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
25					60	CO3	To analyse UX principles and its application in UI design	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
25					60	CO4	To examine users problems, and needs	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
25					60	CO5	To summarise and demonstrated user goals and preferences	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
26	SEM III	050221316 - PP	T8542	Visual Ergonomics and HCI - Basic	60	CO1	To develop basic concepts of human anatomy and physiology	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
26					60	CO2	To develop the basic concepts of ergonomics physical and cognitive	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
26					60	CO3	To develop the concept of visual design	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
26					60	CO4	To apply the concepts of design fundamentals to change the perception and mental model	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
26					60	CO5	To create a visual design	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
27	SEM III	050221317 - PP	T8468	Material Studio	60	CO1	Learning the Basic properties of Materials and using various machines and workshop methods.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
27					60	CO2	Visualization of basic design concepts to suit the material properties and manufacturing process.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
28	SEM III	050221318 - PP	T5495	Introduction to Product Design	60	CO1	This course will be an introduction to the field of Product design and larger domain of Product Development, with an opportunity to learn the past, present and future of Products and various contemporary techniques of form development.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L

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28					60	CO2	This is a preparatory course for students to handle all Product design projects.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
29	SEM III	050221319 - PP	T5595	Materials and Processes for Industrial Design - 1	60	CO1	Learning the Basics of Materials and the properties	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
29					60	CO2	Learning the types of processes that are used for manufacturing products	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
29					60	CO3	Learning the Basics of Metals and the processes that are used in Industry	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
30	SEM III	050221320 - PP	T5496	Product Engineering Drawing	60	CO1	To understand the basics of Engineering Drawing from Product Design point of view	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
30					60	CO2	Should be able to draw, understand/interpret the Products as per the conventions	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
30					60	CO3	Should be able to apply the Engineering Drawing knowledge to all the design projects in future.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
31	SEM III	050221321 - PP	T5589	Introduction to Interior Design	60	CO1	Understand the basic units that enclose the space to be designed.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
31					60	CO2	Learn how to observe, evaluate and form opinions of different design styles by analyzing interior spaces.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
31					60	CO3	Interior design is now a rich and sophisticated discipline which draws on many others: psychology, cultural theory, philosophy, gender studies, anthropology, and history, as well as design history, architecture, arts and crafts, furniture, and fashion	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
31					60	CO4	The course highlights the key concepts behind the study of interiors in order to present an inter-disciplinary overview of the subject.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
32	SEM III	050221322 - PP	T5580	History of Interior Design-1	60	CO1	Understand the growth of Interior Design, and how is it doing in light of its ever-expanding subject matter, new interpretive methods, and nomenclature	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
32					60	CO2	The course will look into the earliest evidences of interior design in Buildings of the Egyptians, Greeks and the Romans to the Renaissance and Gothic. The scope of study in this module will be limited to the Industrial Revolution and the influence it had on the design of building interiors.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L

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32					60	CO3	Examples like cave dwellings and temple architecture, through Gothic cathedrals and renaissance palaces, to the grand civic spaces of the nineteenth century and the sleek interiors of modern skyscrapers that shows the evolution of Interior Design.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
33	SEM III	050221323 - PP	T5300	Space and Form Studies	60	CO1	A course that explores the world of space from a forms perspective.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
33					60	CO2	How do shapes and forms have an impact on the overall psychological experience of the space?	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
33					60	CO3	Example, Bilbao Museum Interiors / Temple interiors / Gothic churches and many more. Each one of these spaces have a dominating form, and that has dominates the perception of the space.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
34	SEM III	050221324 - PP	T5582	Representation Techniques-1	60	CO1	Learn the importance of drawing as means of representing design ideas. How to represent space by means of a perspective drawing. How to represent different materials used in the space using various mediums - hatching (standardized) or sketching and colors.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
34					60	CO2	Use of photo colors, Fuji colors, alcohol markers / Rotring pens.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
34					60	CO3	Importance of concept board + use of diagrams.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
35	SEM III	050221325 - PP	T5577	Fashion Studies	60	CO1	Understand the history and evolution of fashion.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
35					60	CO2	Appreciate the theories and principles of fashion.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
35					60	CO3	Develop the ability to identify and classify elements of fashion under garments, accessories etc.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
35					60	CO4	Develop an understanding of Fashion Industry: Designers, Labels, Brands, Fashion houses.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
35					60	CO5	Develop an understanding of Socio-cultural influence of fashion.	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Weak-L
36	SEM III	050221326 - PP	T5254	Visual Merchandising for Fashion Retail	60	CO1	Define visual merchandising, explain its practical application and the different areas in which a visual merchandiser contributes to the retailer	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H

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36					60	CO2	Compare and classify different types of retailers and the appropriate merchandise display techniques that each needs to follow	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
36					60	CO3	Design and create innovative displays, using elements of design, principles of design and atmospherics, as per the retailer's identity.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
36					60	CO4	Establish, promote and enhance the stores visual image	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
37	SEM III	050221327 - PP	T5407	Introduction to Graphic Design	60	CO1	To Know the role of Graphic Design in Today's scenario	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
37					60	CO2	Understand visual literacy and Thinking, learning to construct meaningful visual images	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
37					60	CO3	Learn to incorporate typographic elements, optimising for readability, usability and accessibility	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
37					60	CO4	Develop an ability to communicate with design elements, across language, regional and cultural barriers	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L
37					60	CO5	To design effective Visual Communication	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
38	SEM III	050221328 - PP	T5271	Elements of Fashion & Illustration	60	CO1	Develop the ability to identify and classify garments, accessories etc.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
38					60	CO2	Understand postures & poses of a fashion croquis according to a theme.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
38					60	CO3	Develop an understanding of drawing appropriate features, hairstyles, accessories etc. for a theme.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
38					60	CO4	Understanding the theories of fashion and the working of the fashion industry.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
39	SEM III	050221329 - PP	T5272	Socio-Psych Aspects of Clothing	60	CO1	Understand the influence of effective clothing for an individual from sociological, psychological, physiological & economic perspective.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
39					60	CO2	Understand factors that influence choice of clothing & communication.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
39					60	CO3	Understand the sub-cultures and their influence on fashion.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L
40	SEM III	050221330 - PP	T5273	Pattern Making & Garment Construction - 1	60	CO1	To learn to make Basic foundation patterns. To convert creatively a 2D- flat pattern into 3D garment.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L

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40					60	CO2	Learn and understand, making and application of various seam finishes that a garment demands keeping in mind the RTW industry as well as the couture industry.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
40					60	CO3	Learn to adapt the basic pattern to various other complicated patterns and to explore various materials (fabrics) to construct a well finished garment.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
41	SEM III	050221331 - PP	T5274	Fabric Study - 1	60	CO1	Understand the textile materials & shall be able to identify various fibers, yarns, fabrics.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
41					60	CO2	Identify different textile materials and determine their end uses and performance	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
42	SEM III	050221332 - PP	T8399	Digital Design Tools for UX	60	CO1	To know the interface/ basic tools and apply knowledge to reconstruct the design	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
42					60	CO2	Demonstrate the skills to develop vector graphics and raster image compositions	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
42					60	CO3	Planning and managing projects with multiple steps	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
42					60	CO4	Create Professional print/online artwork using digital design tools	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
42					60	CO5	Develop interpretive communication skills in print/online design production	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
43	SEM IV	050221401 - PP	T5411	Visual Identity Design	60	CO1	Methods for creating effective visual identities.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
43					60	CO2	Understanding the principles of effective Logo and symbol design	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
43					60	CO3	Emphasizing Visual Identity Design as a system and design of a brand manual.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
44	SEM IV	050221402 - PP	T5413	Typography and Publication Design	60	CO1	Exposure and understand the basic principles of Publication Design.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
44					60	CO2	Develop an understanding of using type in Latin and Indian languages for print/ digital design deliverables.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
44					60	CO3	To introduce structure of publication design and develop the grid system and typographic style for a publication production.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
45	SEM IV	050221403 - PP	T5414	Visual Ergonomics	60	CO1	To develop basic concepts of human anatomy and physiology	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L

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45					60	CO2	To develop the basic concepts of ergonomics physical and cognitive	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
45					60	CO3	To develop the concept of visual design	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
45					60	CO4	To apply the concepts of design fundamentals to change the perception and mental model	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
45					60	CO5	To create a visual design	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
46	SEM IV	050221404 - PP	T5601	Visualization of Narrative Structure	60	CO1	Understand user, pscychology, their need and mental model	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
46					60	CO2	Articulate Visual Journey through Task Prioritazation	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
46					60	CO3	Able to write a user story and develop the mental model of user while interacting with system	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
46					60	CO4	To transform the verbal stories into visuals	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
46					60	CO5	Broaden creative skillset through extensive visual art work	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
46					60	CO6	It will further help designer to develop screens for the interaction	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
47	SEM IV	050221404 - PP	T5601	Visualization of Narrative Structure	60	CO1	Understand user, pscychology, their need and mental model	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
47					60	CO2	Articulate Visual Journey through Task Prioritazation	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
47					60	CO3	Able to write a user story and develop the mental model of user while interacting with system	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
47					60	CO4	To transform the verbal stories into visuals	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
47					60	CO5	Broaden creative skillset through extensive visual art work	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
47					60	CO6	It will further help designer to develop screens for the interaction	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
48	SEM IV	050221405 - PP	T5672	Graphic Design Digital Tools - Advance	60	CO1	will learn digital tools intermediate level.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
48					60	CO2	With practical hands on approach, will learn to make use of technology effectively for designing artworks	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
48					60	CO3	Planning and managing projects with respect to layout & resources	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
48					60	CO4	Demonstrate the skills to develop vector illustration rendering	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L

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54	SEM IV	050221410 - PP	T5419	Story Telling for Visual Media	60	CO1	To learn the basics of effective storytelling	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
55	SEM IV	050221411 - PP	T5602	Digital Design Tools - Film Media	60	CO1	To introduce students to digital tools used for creation and enhancement of video content	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
55					60	CO2	To help understand the use of digital media to enhance the quality of the product & to achieve the output with less man power & less time being spent in production process.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
56	SEM IV	050221412 - PP	T5664	Elements of Direction for Video Film Design	60	CO1	To tell a story cinematically using camera as the tool. Blocking shots, directing actors	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
57	SEM IV	050221413 - PP	T5665	Elements of Editing for Video Film Design	60	CO1	Understanding the practical application of juxtaposition in film narrative.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
57					60	CO2	Constructing a narrative on the edit table	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
58	SEM IV	050221414 - PP	T5667	Scriptwriting	60	CO1	Understand fundamentals of story writing, story development and writing for the screen.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
58					60	CO2	Impart skills required for creating a screenplay of industry standards.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
59	SEM IV	050221415 - PP	T5668	Sound Design for Moving Images	60	CO1	To develop the ability to use and understand Story Telling with sound.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
60	SEM IV	050221416 - PP	T5499	Fundamentals of Camera, Sound and Lighting	60	CO1	To understand the importance of sound in visual media and how to record for the same.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
60					60	CO2	Understand the impact of lighting for visual media.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
60					60	CO3	Understanding technical aspects of camera handling to capture the correct lighting.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
61	SEM IV	050221417 - PP	T5418	Pre-Visualization Techniques	60	CO1	To learn the rules of storyboarding nomenclature.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
61					60	CO2	To learn the rules of visual continuity.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
61					60	CO3	To be able to create a storyboard for a short story.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
62	SEM IV	050221418 - PP	T8400	Digital Rendering Techniques for Animation	60	CO1	Introduction to Photoshop	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
62					60	CO2	Introduction to Digital Drawing	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
62					60	CO3	Introduction to Digital Painting	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
63	SEM IV	050221419 - PP	T5677	3D Animation Film Production - 1	60	CO1	To give them brief knowledge of stages involved in 3D Animation film production.	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L

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63					60	CO2	Understand the basics of Modeling, Texturing, Rigging, Animation & lighting process for creating a short 3D animated film.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
63					60	CO3	3D Animation Environment - familiarization with 3D software and interface.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
64	SEM IV	050221420 - PP	T5941	Animation Drawing	60	CO1	To build on the skills and knowledge acquired from foundation year Principles of Drawing	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
64					60	CO2	Application of drawing skills through visual research to the needs of an animator.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
65	SEM IV	050221421 - PP	T5412	Information Systems Design	60	CO1	To understand how an individual processes information through visual design	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
65					60	CO2	To know the role of visual designs in accessing information	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
65					60	CO3	To identify and analyse problems related to information System Design	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
65					60	CO4	To develop effective information System Design	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
66	SEM IV	050221422 - PP	T5656	Information Organization for WEB / Mobile Design	60	CO1	To understand physical and virtual environment of information organization	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
66					60	CO2	Understand various Methods to organize information	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
66					60	CO3	To process the information based on design principles for grouping	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
66					60	CO4	Understand various types of Navigation Systems	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
66					60	CO5	Organize items according to importance	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
67	SEM IV	050221423 - PP	T5659	User Interface Design	60	CO1	To Introduce the basics of website design	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
67					60	CO2	To understand the website structure	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
67					60	CO3	To learn the HTML Coding	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
67					60	CO4	To Design website	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
67					60	CO5	implements the website using HTML, CSS	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
68	SEM IV	050221424 - PP	T5661	Visual Ergonomics in Interaction Design-Advance	60	CO1	To develop basic concepts of human anatomy and physiology	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
68					60	CO2	To develop the basic concepts of ergonomics physical and cognitive	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L

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68					60	CO3	To develop the concept of visual design	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
68					60	CO4	To apply the concepts of design fundamentals to change the perception and mental model	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
68					60	CO5	To create a visual design	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
69	SEM IV	050221425 - PP	T8544	Visual Identity Design for HCI	60	CO1	To know the role of Visual Identity Design in the overall Product Branding Experience	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
69					60	CO2	Understanding the basics of Visual Identity Design, researching the product/client	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
69					60	CO3	Understanding the elements and characteristics of a good Visual Identity Design and applying the same	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
69					60	CO4	Learning design detailing with the help of design softwares	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
69					60	CO5	To use the newly created Visual Identity Design in various print and digital media	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
70	SEM IV	050221426 - PP	T5324	Materials and Processes for Industrial Design - 2	60	CO1	Study of finishing operations.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
70					60	CO2	Study of super finishing operations.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
70					60	CO3	Study of sheet metal operations.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
70					60	CO4	Study of Joineries/joining methods.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H
71	SEM IV	050221427 - PP	T5325	Product Ergonomics - 1	60	CO1	To develop the student's ability to apply the principles of Ergonomics while designing Products.	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H
71					60	CO2	Make them self-sufficient to use the knowledge they acquire in Ergonomics in the later stages of study (design projects) and in professional practice of Industrial Design	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
72	SEM IV	050221428 - PP	T5497	Product Analysis and Functional Design	60	CO1	To understand the basics of a product's functionality and its relevance in the design characteristics.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
72					60	CO2	To study the process of analyzing the purpose and design of a product chosen by the student.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
73	SEM IV	050221429 - PP	T5592	Introduction to Computer Aided Drafting	60	CO1	Introduction to the basic capabilities of a Computer Aided Drafting (CAD) system.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L

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73					60	CO2	Use of appropriate terminology, basic system design, typical hardware and software and applicable commands. To be able to draw and solve drafting problems on a CAD system.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
73					60	CO3	To Know the advantages of using CAD in comparison with other methods	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
73					60	CO4	Knowledge about the software and hardware required to produce CAD drawings	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
74	SEM IV	050221430 - PP	T5593	Introduction to Graphics and Packaging Design	60	CO1	Explore multi-disciplinary skills to offer creative and practical solutions, preparing them for challenging careers combining creativity, concepts towards publishing industry.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
74					60	CO2	Demonstrate the extension of elements and principles of design through a purposeful application and in-depth understanding of Graphic Designer's role while designing solutions in the context of users.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
74					60	CO3	The course also aims at gaining knowledge about various requirements of packaging, basic aspects of packaging, various materials, processes and techniques. It will also cover on aspects that will deal with packaging as a branding tool.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
75	SEM IV	050221431 - PP	T5594	Product Representation Techniques	60	CO1	Understanding transformation of concept and constructing visual structure.	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H
75					60	CO2	Developing skill to use various rendering techniques to create the product drawing using the structure constructing method.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
75					60	CO3	Shade and light for rendering.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
75					60	CO4	Effects of various surfaces and texture in product rendering with drawing tools and digital tools.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M
76	SEM IV	050221433 - PP	T5297	Interior Space Planning and Layout	60	CO1	How to apply the design elements to your spatial planning and design concepts, considering different furniture layouts to suit the intended function of the space.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
76					60	CO2	Learn how to draw a floor plan and elevations, then rearrange an existing space and plan a new layout for a renovation project started in this assignment.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M

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76					60	CO3	What is the psychology behind planning spaces like residences / offices / institutions?	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
76					60	CO4	How to plan a space? Starting with a small space like a dentist cabin to understanding how big malls are planned.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
77	SEM IV	050221434 - PP	T5299	Ergonomics for Space Design	60	CO1	Study of basic human dimension study called Anthropometrics.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
77					60	CO2	This course describes the capabilities and limitations of the humans both physical and mental and how these should be used to guide the design of spaces with which people interact.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
77					60	CO3	It links theories of human performance that underlie the principles with real-world examples, without a heavy engineering-oriented perspective.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
78	SEM IV	050221435 - PP	T5583	Representation Techniques-2	60	CO1	Introduction of digital media like AutoCAD and Photoshop as a means to enhance line drawings.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
78					60	CO2	Learn the significance of presentation drawings.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
79	SEM IV	050221436 - PP	T5584	Services in Interior Design-1	60	CO1	Introduction to Water supply and drainage and all associated fixtures.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
79					60	CO2	Waterproofing	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
79					60	CO3	Drainage (waste water and solid waste), Different traps.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
79					60	CO4	Electrical layout and associated systems	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
80	SEM IV	050221437 - PP	T5607	History of Interior Design - 2	60	CO1	To understand the evolution of interior design to its current definition and to learn about all the factors in time that influenced it.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
80					60	CO2	Picking up from the Industrial Revolution this course gives an insight into the development of interior design from Neo Classical and Victorian styles to more prominent movements like Art Nouveau, Art Deco in the early to mid 1900s to Contemporary and Minimalist styles in the 2000s	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
81	SEM IV	050221438 - PP	T5301	ISD Project - 1	60	CO1	Introduction software like 3D max Studio / Google Sketch Up Etc.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
81					60	CO2	Enable visualization by using digital tools.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L

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85	SEM IV	050221442 - PP	T5256	Materials and Processes for Fashion Retail	60	CO1	To accustom the students with different materials that can be used for branding, promotion and functional display & storage of fashion and lifestyle products.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
85					60	CO2	To understand the use of different materials and the workmanship required for using them effectively.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
85					60	CO3	To acquaint the knowledge about costing and application for various materials used in Fashion Retail.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
86	SEM IV	050221443 - PP	T5651	Typography and Publication Design	60	CO1	Exposure and understand the basic principles of Publication Design.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
86					60	CO2	Develop an understanding of using type in Latin and Indian languages for print/digital design deliverables.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
86					60	CO3	To introduce structure of publication design and develop the grid system and typographic style for a publication production.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
87	SEM IV	050221444 - PP	T5652	Visual Identity Design	60	CO1	Methods for creating effective visual identities.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
87					60	CO2	Understanding the principles of effective Logo and symbol design	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
87					60	CO3	Emphasizing Visual Identity Design as a system and design of a brand manual.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
88	SEM IV	050221445 - PP	T5236	Textiles and Surface Craft	60	CO1	Identify & appreciate the traditional embroidered, woven, printed & painted textiles of India with reference to the motifs, colors, techniques their significance & end uses used.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
88					60	CO2	Identify the role of a designer in sustenance of the textile heritage of India.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
89	SEM IV	050221446 - PP	T5275	Fashion Rendering and Illustration	60	CO1	Emulate fabric textures and surface ornamentation onto paper for rendering into their final designs.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
89					60	CO2	Learn various experimental techniques in fashion illustration and also rendering.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
89					60	CO3	Learn to make flat specification drawings manually as well as using software.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
90	SEM IV	050221447 - PP	T5276	Pattern Making & Garment Construction - 2	60	CO1	Understand the styling and finishes involved in creating couture, prêt as well as mass produced structured garments like skirts, trousers and dresses.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
90					60	CO2	Draft Pattern and Undertake construction of garments.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
90					60	CO3	Also study, learn, and apply various finishing techniques suitable for a particular fabric.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
91	SEM IV	050221448 - PP	T5279	Fabric Study - 2	60	CO1	Understand the working of textile wet processing unit	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
91					60	CO2	Gain Knowledge of natural & synthetic dyes applied by the industry for dyeing & printing.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
91					60	CO3	Identify and source the textile samples with various dyes, print and finished fabrics	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
92	SEM IV	050221449 - PP	T5654	Apparel Manufacturing and Merchandising	60	CO1	Understand the layout and functioning of a garment mass production unit. Learn about the various tools used and methods followed for grading, marker planning, cutting, sewing, pressing, finishing and QC.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
92					60	CO2	Understand basics, concepts and principals of Fashion Merchandising.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
92					60	CO3	Understand merchandising operations in various setups.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
92					60	CO4	Computerized pattern making of basic patterns as per size charts.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
92					60	CO5	Understand profitability in retailing environment using various merchandising techniques	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
93	SEM IV	050221450 - PP	T8308	Fashion Merchandising, Marketing and Retailing	60	CO1	Understand the concepts and Principals of Fashion Marketing and merchandising.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
93					60	CO2	Understand Indian and global Fashion Retail scenario and evaluate the various marketing techniques employed by various fashion brands to stay afloat.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
93					60	CO3	Understand Fashion marketing operations in retailing.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
93					60	CO4	Learn how to create a winning marketing mix for a fashion brand.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
94	SEM V	050221501CDA - PP		Pre-production Design for Animation	60	CO1	The art of designing a character to a particular description. Understanding and designing based on the backstory of the character and the visual style of the film.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
94					60	CO2	Being able to express the various moods and acting of the character.	-	-	-	-	-	-
94					60	CO3	Understanding basic elements of composition for layouts and designing the backgrounds style according to the concept.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
94					60	CO4	Understanding the various aspects and communication that create a good animatic.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
94					0	CO5		-	-	-	-	-	-
94					0	CO6		-	-	-	-	-	-
95	SEM V	050221501CDF - PP		Pre-production Design for Video Film	60	CO1	To make students aware of film production and its various disciplines & importance of pre-planning.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
95					60	CO2	To make them realize how pre-production design facilitates the overall production of the film.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
95					0	CO3		-	-	-	-	-	-
95					0	CO4		-	-	-	-	-	-
95					0	CO5		-	-	-	-	-	-
95					0	CO6		-	-	-	-	-	-
96	SEM V	050221501CDU - PP		User Interface Graphics	60	CO1	To understand GUI and its evolution in the industry	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
96					60	CO2	To learn visual composition principles in the area of human computer interaction	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
96					60	CO3	Develop a skill to draw low fidelity concept scketes	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
96					60	CO4	To design an user interface with application of hand and digital skills and techniques	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
96					60	CO5	Learn technical aspects of user interface	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
96					0	CO6		-	-	-	-	-	-
97	SEM V	050221501FC - PP		Craft Documentation Presentation	60	CO1	Identify & appreciate the traditional heritage and local crafts of India with referenge to the techniques used.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
97					60	CO2	Acquaint the students with different socio-cultural & economic factors that affects the traditional Indian craft	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
97					60	CO3	Aware of the availability and sourcing of these traditional crafts.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
97					60	CO4	Able to suggest alternative solutions for the challenges faced by these craft industry.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
97					60	CO5	Able to design and develop a range of products using these crafts in a contemporary application.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
97					0	CO6		-	-	-	-	-	-
98	SEM V	050221501FD - PP		Craft Documentation Presentation	60	CO1	Identify & appreciate the traditional heritage and local crafts of India with reference to the techniques used.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
98					60	CO2	Acquaint the students with different socio-cultural & economic factors that affects the traditional Indian craft	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
98					60	CO3	Aware of the availability and sourcing of these traditional crafts.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
98					60	CO4	Able to suggest alternative solutions for the challenges faced by these craft industry.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
98					60	CO5	Able to design and develop a range of products using these crafts in a contemporary application.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
98					0	CO6		-	-	-	-	-	-
99	SEM V	050221501ISD - PP		Computer Aided Interior Design	60	CO1	Introduction software like 3D max Studio / Google Sketch Up Etc.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
99					60	CO2	Enable visualization by using digital tools.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
99					60	CO3	To be able to make plans, elevations or 3D of a concept.	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
99					0	CO4		-	-	-	-	-	-
99					0	CO5		-	-	-	-	-	-
99					0	CO6		-	-	-	-	-	-
100	SEM V	050221501PD - PP		Craft Documentation Presentation	60	CO1	Identify & appreciate the traditional heritage and local crafts of India with reference to the techniques used.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
100					60	CO2	Acquaint the students with different socio-cultural & economic factors that affects the traditional Indian craft	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
100					60	CO3	Aware of the availability and sourcing of these traditional crafts.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
100					60	CO4	Able to suggest alternative solutions for the challenges faced by these craft industry.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
100					60	CO5	Able to design and develop a range of products using these crafts in a contemporary application.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
100					0	CO6		-	-	-	-	-	-
101	SEM V	050221502CDA - PP		Classical Animation Techniques	60	CO1	To understand the basics of animation of arcs, volume and weight which from the base of all animation.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
101					0	CO2		-	-	-	-	-	-
101					0	CO3		-	-	-	-	-	-
101					0	CO4		-	-	-	-	-	-
101					0	CO5		-	-	-	-	-	-
101					0	CO6		-	-	-	-	-	-
102	SEM V	050221502CDF - PP		Pre-visualization Techniques for Video Film	60	CO1	To learn the rules of storyboarding nomenclature.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
102					60	CO2	To learn the rules of visual continuity.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
102					60	CO3	To be able to create a storyboard for a short story.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
102					0	CO4		-	-	-	-	-	-
102					0	CO5		-	-	-	-	-	-
102					0	CO6		-	-	-	-	-	-
103	SEM V	050221502CDG - PP		Brand Communication Design	60	CO1	Understand the role of Brand	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
103					60	CO2	Understand the Basic Elements of Branding	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
103					60	CO3	Understand the contribution and strategy thinking of product or service	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
103					60	CO4	Understand the Basic Elements of recall value	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
103					60	CO5	Basic skills of Visualization	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
103					0	CO6		-	-	-	-	-	-
104	SEM V	050221502CDU - PP		User Studies and Design Research	60	CO1	Understand User Needs & Requirements and Deveop Business Strategy	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
104					60	CO2	Behavioural study to know the User's interaction with system	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
104					60	CO3	Develop empathy and customer journey mapping	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L

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104					60	CO4	Create user profiles and personas	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
104					60	CO5	To know various Research methods - contextual enquiry, interview	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
104					0	CO6		-	-	-	-	-	-
105	SEM V	050221502FC - PP		Fashion Branding	60	CO1	Develop an appreciation for the concept of branding on the whole and the role of branding through researching and analyzing contemporary fashion brands	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
105					60	CO2	Explain brand strategy in relation to all brands and relate their brand strategies to customers, markets and the wider environment.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
105					60	CO3	Understand and explore the evolution of fashion brands into contemporary brands of today operating in global markets.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
105					60	CO4	Experiment and practice creating brand identities for fashion brands that incorporate concepts and theories from visual culture and visual communication.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
105					0	CO5		-	-	-	-	-	-
105					0	CO6		-	-	-	-	-	-
106	SEM V	050221502FD - PP		Styling and Advanced Illustration	60	CO1	To explore, experiment and develop an individualistic style and approach towards Fashion drawing and illustration.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
106					60	CO2	To develop 3D illustrations	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
106					60	CO3	To learn to render /enhance illustrations digitally	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
106					0	CO4		-	-	-	-	-	-
106					0	CO5		-	-	-	-	-	-
106					0	CO6		-	-	-	-	-	-
107	SEM V	050221502ISD - PP		Craft Documentation Presentation	60	CO1	Identify & appreciate the traditional heritage and local crafts of India with reference to the techniques used.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
107					60	CO2	Acquaint the students with different socio-cultural & economic factors that affects the traditional Indian craft	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
107					60	CO3	Aware of the availability and sourcing of these traditional crafts.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
107					60	CO4	Able to suggest alternative solutions for the challenges faced by these craft industry.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M

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107					60	CO5	Able to design and develop a range of products using these crafts in a contemporary application.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
107					0	CO6		-	-	-	-	-	-
108	SEM V	050221502PD - PP		Computer Aided Industrial Design - 1	60	CO1	The course aims to develop the skills in 2D and 3D model making using digital tools.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
108					60	CO2	The course focuses on building skills in auto CAD and Rhino.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
108					60	CO3	Establishing proper link between different departments of Design and Manufacturing.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
108					0	CO4		-	-	-	-	-	-
108					0	CO5		-	-	-	-	-	-
108					0	CO6		-	-	-	-	-	-
109	SEM V	050221503CDA - PP		Pre-visualization Techniques for Animation	60	CO1	Work on various storytelling techniques in different possible ways for the same concept .	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
109					0	CO2		-	-	-	-	-	-
109					0	CO3		-	-	-	-	-	-
109					0	CO4		-	-	-	-	-	-
109					0	CO5		-	-	-	-	-	-
109					0	CO6		-	-	-	-	-	-
110	SEM V	050221503CDF - PP		Production Art Design for Video Film	60	CO1	To make students understand planning visual treatment to the script / scene in production	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
110					60	CO2	To make students understand how a story can be made more interesting and effective to audience.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
110					60	CO3	To teach them how to study the script - exploring for better effective and appropriate set / costume make-up, colour harmony and balance.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
110					60	CO4	To train them how to make timely arrangement of things that are appears in front of camera.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
110					0	CO5		-	-	-	-	-	-
110					0	CO6		-	-	-	-	-	-
111	SEM V	050221503CDG - PP		Advanced Illustration Techniques	60	CO1	Understanding Visual Consistency and ability to build upon a synergy.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L

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114					60	CO4	To able to decide details like styles, fabrics, trims, colors etc. for a particular product range.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
114					60	CO5	Source material like fabrics and trims, develop suitable surface ornamentation technique and identify vendors for effective conversion.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
114					60	CO6	Acquire the knowledge of developing tech packs and cost sheets used in the apparel industry	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
115	SEM V	050221503ISD - PP		Interior Design Materials and Methods - 2	60	CO1	Introduction to metal furniture details.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
115					60	CO2	Hardware used in Interiors	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
115					60	CO3	Introduction to different products made with wood, like plywood, particle board, MDF and their application in interiors.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
115					60	CO4	Construction details like POP ceilings / Wood Joinery / composite metals construction.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
115					60	CO5	Acoustical materials for theatres/ auditoriums.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
115					0	CO6		-	-	-	-	-	-
116	SEM V	050221503PD - PP		Product Ergonomics - 2	60	CO1	Objective of Course to develop basic concepts of ergonomics used in developing and validating concepts and specification in Industrial Design practice	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M
116					60	CO2	Also aims at developing the skills about Ergonomics and Product Design Process, Work System Design process, Design and Human Error, Human Capabilities and Limitations, Anthropometrics, Taking measurements for design, Display and Controls.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
116					0	CO3		-	-	-	-	-	-
116					0	CO4		-	-	-	-	-	-
116					0	CO5		-	-	-	-	-	-
116					0	CO6		-	-	-	-	-	-
117	SEM V	050221504CDA - PP		Production Art Design for Animation	60	CO1	Understanding framing, perspective and composition. Studying and using colors to communicate a particular mood.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L

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117					60	CO2	Importance of tonal values in creating environments. Creating the elements that complement the mood and setting of the environment.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
117					60	CO3	Exploring the same background in various settings. Significance of every element on the frame.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
117					60	CO4	Designing backgrounds for camera angles, movement and continuity.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
117					0	CO5		-	-	-	-	-	-
117					0	CO6		-	-	-	-	-	-
118	SEM V	050221504CDF - PP		Video Film Production : Continuity	60	CO1	To make students understand the film language, continuity and writing, direction, lighting, costume.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
118					60	CO2	To introduce the connecting elements of various stages of filmmaking.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
118					0	CO3		-	-	-	-	-	-
118					0	CO4		-	-	-	-	-	-
118					0	CO5		-	-	-	-	-	-
118					0	CO6		-	-	-	-	-	-
119	SEM V	050221504CDG - PP		Advertising Design	60	CO1	To plan advertising strategy by selecting various products or information (social causes/ events/ awareness).	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
119					60	CO2	To understand most effective way to sell your ideas to masses, through different mediums by a thoughtful understanding of target audience and addressing different masses locally, nationally, & internationally.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
119					60	CO3	To develop understanding of Advertising Media Plan, Research methodology and case studies.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
119					60	CO4	To adapt the knowledge through practice about the Layout and Final Execution of the planned design	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
119					0	CO5		-	-	-	-	-	-
119					0	CO6		-	-	-	-	-	-
120	SEM V	050221504CDU - PP		Interaction Design	60	CO1	Introduction to history and evolution of Interaction Design	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
120					60	CO2	To know and Understand different Interface types	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L

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120					60	CO3	Introduction to Human Factors in Interaction Design (People and Perception)	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
120					60	CO4	Introduction to different Methodology of Interaction Design	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
120					60	CO5	Understand the Simple interaction design lifecycle Model	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
120					0	CO6		-	-	-	-	-	-
121	SEM V	050221504FC - PP		Basics of Event Design and Planning	60	CO1	Understand how to create an event that achieves specific objectives for the client.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
121					60	CO2	Develop an understanding of the cultural origins and significance of the processes of celebration within a society.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
121					60	CO3	Design a planning process that incorporates budgeting, sourcing, communication and evaluation tools.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
121					0	CO4		-	-	-	-	-	-
121					0	CO5		-	-	-	-	-	-
121					0	CO6		-	-	-	-	-	-
122	SEM V	050221504FD - PP		Draped Design	60	CO1	Understand in-depth Principles and techniques of Draping	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
122					60	CO2	Analyze the design and Create it for the specific user based on their personal measurements	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
122					60	CO3	Understand behavior of different fabrics and how it changes the performance during draping.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
122					60	CO4	Develop various dress foundations and designs	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
122					60	CO5	The students will learn creative and experimental Draping.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
122					60	CO6	Develop and create garments through draping.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
122					60	CO7	Manipulate mold and shape the fabric skillfully and replicate a 2D design into 3D form.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
123	SEM V	050221504ISD - PP		Services in Interior Design - 2	60	CO1	Introduction to Heating, Ventilation and Air conditioning Systems(HVAC) and all associated fixtures.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
123					60	CO2	Understand Fire fighting Systems	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M
123					60	CO3	Understand Acoustic treatments	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
126					0	CO6		-	-	-	-	-	-
127	SEM V	050221505CDG - PP		Graphic Design Project - 1	60	CO1	To apply Basic understanding of Text typography for publication design	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
127					60	CO2	To explore conceptual thinking and develop a system strategy for a print publication	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
127					60	CO3	To learn to create grid system, typographic style and page layouts for print and interactive media.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
127					60	CO4	To learn technicality & Feasibility for publication design process	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Weak-L
127					0	CO5		-	-	-	-	-	-
127					0	CO6		-	-	-	-	-	-
128	SEM V	050221505CDU - PP		UED Project - 1	60	CO1	To Introduce the basics of website design	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
128					60	CO2	To understand the website structure	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
128					60	CO3	To learn the HTML Coding	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
128					60	CO4	To Design website	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
128					60	CO5	implements the website using HTML ,CSS	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
128					0	CO6		-	-	-	-	-	-
129	SEM V	050221505FC - PP		FC Project - 1	60	CO1	Understand the function and design store according to different locations, market segmentation and product line or understand the nuances of the corporate industry.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
129					60	CO2	Understand the different materials which go into the making of fixtures, flooring, ceilings, display etc. or to understand the components, purpose and process of making a Brand Manual.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
129					60	CO3	Understand the placement of product line in a given space and learn to design and manage space in accordance with the merchandise and budget allotted or to execute a design project based on corporate visual identity.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
129					0	CO4		-	-	-	-	-	-
129					0	CO5		-	-	-	-	-	-
129					0	CO6		-	-	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
130	SEM V	050221505FD - PP		Advanced Garment Finishing Techniques	60	CO1	Understand the various techniques used to finish hemlines, seams, attachment of trims and fasteners in couture, prêt as well as mass produced garments	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
130					60	CO2	Analyze any prominent designer / Brand and study his / her / its products with respect to the finishing techniques applied	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
130					60	CO3	Also study, learn, and apply various finishing techniques suitable for a particular fabric	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M
130					60	CO4	Draft Pattern and Undertake construction of the Corset and apply fine garment finishing techniques to finish this garment.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
130					0	CO5		-	-	-	-	-	-
130					0	CO6		-	-	-	-	-	-
131	SEM V	050221505ISD - PP		ISD Project - 2	60	CO1	Introduction to Retail Design.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
131					60	CO2	Good retail design must attract and keep customers, support a brand or stores image, showcase the product, and work as a functional shopping environment. Integrating branding in Retail Space.	Strong-H	Moderate-M	Strong-H	Moderate-M	-	-
131					60	CO3	This course discusses the retail space in relation to its environment, and introduces methods of manipulating space and objects to create an exciting commercial interior.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
131					60	CO4	Study of iconic flagship stores / malls. Study of National and International Retail Giants.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
131					0	CO5		-	-	-	-	-	-
131					0	CO6		-	-	-	-	-	-
132	SEM V	050221505PD - PP		Materials and Processes for Industrial Design - 3	60	CO1	Learning the Basics of Polymers, Elastomers and Ceramics and their properties	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
132					60	CO2	Learning the types of Non-Conventional machining processes that are used for manufacturing products	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
132					60	CO3	Learning the Design attributes required for manufacturing products	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
132					0	CO4		-	-	-	-	-	-
132					0	CO5		-	-	-	-	-	-

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132					0	CO6		-	-	-	-	-	-
133	SEM V	050221506PD - PP		Product Design Project - 1	60	CO1	Identify a user group for Ex: An elderly people, truck drivers, s, or house maids etc.	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
133					60	CO2	Contextualize the information in the actual context, including some ideas from Participatory design.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
133					60	CO3	Study their profile and understand what their current lifestyle is.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
133					60	CO4	Make a proper user profile, create activity mapping chart and derive proper user needs.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
133					60	CO5	And provide a design solution that increases the productivity of the user. Ex: medicine box for elderly.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
133					0	CO6		-	-	-	-	-	-
134	SEM V	050221512 - PP	T5363	Graphic Printing Technology	60	CO1	To Introduce students reproduction of an original on paper or substrate using a printing technology	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
134					60	CO2	To prepare to produce printed material such as books, magazine, brochures, etc.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
134					60	CO3	To know traditional prepress and printing work as well as the latest in desktop publishing	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
135	SEM V	050221515 - PP	T6173	Digital Video Communication	60	CO1	To introduce students to a variety of vintage, new and/or evolving digital video creation techniques	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
135					0	CO2		-	-	-	-	-	-
135					0	CO3		-	-	-	-	-	-
135					0	CO4		-	-	-	-	-	-
135					0	CO5		-	-	-	-	-	-
135					0	CO6		-	-	-	-	-	-
136	SEM V	050221609 - PP	T5804	Creative Book Design	60	CO1	Explore traditional as well as modern techniques of book making.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
136					60	CO2	Get acquainted with different tools and materials necessary to make handmade books.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
136					60	CO3	Develop importance of book as a means of display and distribution.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L

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136					60	CO4	Explore creative process of book making using different types of binding.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
137	SEM V	050221616 - PP	T5380	Fashion Makeup	60	CO1	Understand the tools & materials for make-up.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
137					60	CO2	Understand the changing trends in fashion make up & appreciating the work of renowned make- up artists. Apply the techniques and concepts of Fashion Make-up learned for practical situations in the fashion and media industry.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
137					0	CO3		-	-	-	-	-	-
137					0	CO4		-	-	-	-	-	-
137					0	CO5		-	-	-	-	-	-
137					0	CO6		-	-	-	-	-	-
138	SEM VI	050221513 - PP	T5364	Interaction Design	60	CO1	Introduction to history and evolution of Interaction Design.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
138					60	CO2	To know and Understand different Interface types.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
138					60	CO3	Introduction to Human Factors in Interaction Design (People and Perception).	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
138					60	CO4	Introduction to different Methodology of Interaction Design.	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
138					60	CO5	Understand the Simple interaction design lifecycle Model.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
139	SEM VI	050221518 - PP	T5679	Advanced Elements of Design	60	CO1	Study Applied Elements of Design	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
139					60	CO2	To know Interrelationship of Design Elements	Moderate-M	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M
140	SEM VI	050221520 - PP	T5377	Color and Trim Design	60	CO1	Appreciate and articulate color psychology in relation to lifestyle products and purchase decisions Decide on the use of trims in various segments like fashion, industrial design, automobile, interior design etc.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
140					60	CO2	Perform color matching/ quality testing experiments and extract the results as per the client requirement and for mass production for various industries. Undertake a small design project based upon this learning.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
140					0	CO3		-	-	-	-	-	-

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140					0	CO4		-	-	-	-	-	-
140					0	CO5		-	-	-	-	-	-
140					0	CO6		-	-	-	-	-	-
141	SEM VI	050221525 - PP	T5376	Advance Photography in Design	60	CO1	To get an overview of the Photography business and its uses in various fields of profession.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
141					60	CO2	To get in depth experience in photography so that they can learn to use their photography skills for live Projects.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
141					60	CO3	learn organizing the business, digital dark room, presenting their work and introduce the role of art director for photography.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
141					60	CO4	will get introduction by photographers related to their tools of trade in photography business.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
141					60	CO5	At the end of this module will be able to do independently A: Product Photography, B: Product with Person, C: Conceptual projects	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
141					0	CO6		-	-	-	-	-	-
142	SEM VI	050221601CDA - PP		Animation Film Production : Stop Motion	60	CO1	Develop the process of Stop Motion Animation Film making & how it changes depending upon the complications involved in the project.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
142					60	CO2	Creating props.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
142					60	CO3	Creating a Character - design, armature, final character.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
142					60	CO4	Lighting for stopmotion.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
142					60	CO5	Animation by stopmotion.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
142					0	CO6		-	-	-	-	-	-
143	SEM VI	050221601CDF - PP		Video Film Production : Dialogue	60	CO1	Ability to write dialogues for characters as per the needs of the story, script & audience	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
143					60	CO2	Create a short dialogue-based narrative that communicates a story line	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
143					0	CO3		-	-	-	-	-	-
143					0	CO4		-	-	-	-	-	-
143					0	CO5		-	-	-	-	-	-
143					0	CO6		-	-	-	-	-	-

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
147					60	CO2	Draft Pattern and Undertake construction of 2 such complex garments.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L
147					60	CO3	Also study, learn, and apply various finishing techniques suitable for a particular fabric.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
147					0	CO4		-	-	-	-	-	-
147					0	CO5		-	-	-	-	-	-
147					0	CO6		-	-	-	-	-	-
148	SEM VI	050221601ISD - PP		Working Drawing	60	CO1	A course that explains how design drawings are converted to those that can be made readable by contractors and consultants.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
148					60	CO2	Guidelines on how to prepare execution drawings.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
148					60	CO3	Prepare working drawings for the design prepared in ISD Project 2	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
149	SEM VI	050221601PD - PP		Computer Aided Industrial Design - 2	60	CO1	The course aims to develop advance skills in 3D model making using digital tools.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
149					60	CO2	The course focuses on building skills in advances in rhino/Surface modeling tool, aiming towards generation of Class 'A' - Surfaces.	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
149					60	CO3	Establishing proper communication of design data from Design to Manufacturing.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
150	SEM VI	050221602CDA - PP		Post Production for Animation	60	CO1	Understanding the post production process involved in 3D animation	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H
150					60	CO2	Advantages of Layer Rendering techniques	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
150					60	CO3	Compositing video with sound	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
150					60	CO4	Overview of Visual Effects and Compositing	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
150					0	CO5		-	-	-	-	-	-
150					0	CO6		-	-	-	-	-	-
151	SEM VI	050221602CDF - PP		Post Production for Video Film	60	CO1	Learn advance concepts of video editing	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
151					60	CO2	Learn advance techniques of video editing	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
151					60	CO3	Apply advance concept & techniques of video editing in practice exercises	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
151					60	CO4	Apply advance concept & techniques of video editing and create a technically complex video output	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L

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151					0	CO5		-	-	-	-	-	-
151					0	CO6		-	-	-	-	-	-
152	SEM VI	050221602CDG - PP		Environmental Graphic Design	60	CO1	Develop understanding and identifying need, problem, and demand of the given task in appropriate manner to convey meaning	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
152					60	CO2	Visual experience dealing with 2D and 3D spaces and effective way -finding system.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
152					60	CO3	Information analysis leading to statements on problem, needs & opportunity and defining design tasks.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
152					0	CO4		-	-	-	-	-	-
152					0	CO5		-	-	-	-	-	-
152					0	CO6		-	-	-	-	-	-
153	SEM VI	050221602CDU - PP		Prototyping Techniques for UX	60	CO1	Demonstrate the understanding of the processes of creating an application	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
153					60	CO2	Develop Paper Prototypes to establish the structure for an application	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
153					60	CO3	Construct wireframes for ease of iterations	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
153					60	CO4	Build mockups to create options for stakeholders	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
153					60	CO5	Design an interactive prototype of an application	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
153					0	CO6		-	-	-	-	-	-
154	SEM VI	050221602FC - PP		Advanced Event Design and Planning	60	CO1	Actively participate in styling events including a fashion runway from concept and planning to after show activities. Analyze event information, scope and objectives to determine planning requirements.	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M	Weak-L
154					60	CO2	Access internal and external factors for impact on event plan. Contemporary developments and standards in the risk management associated with events.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
154					0	CO3		-	-	-	-	-	-
154					0	CO4		-	-	-	-	-	-
154					0	CO5		-	-	-	-	-	-
154					0	CO6		-	-	-	-	-	-

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155	SEM VI	050221602FD - PP		History of World Costume	60	CO1	Understand the costumes of ancient civilizations of the world and their influence on the current fashion trends.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
155					60	CO2	Identify the costumes of the world in accordance to the era, age, gender, profession, tradition.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
155					60	CO3	Create a contemporary clothing line inspired by the elements of various eras.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
155					0	CO4		-	-	-	-	-	-
155					0	CO5		-	-	-	-	-	-
155					0	CO6		-	-	-	-	-	-
156	SEM VI	050221602ISD - PP		Garden and Landscape Design	60	CO1	Plants often liven up a rather clinical looking space adding warmth and charm. The course aims to look at importance of gardening in Interior spaces.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
156					60	CO2	Study indoor / outdoor plants.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
156					60	CO3	Study Courtyards	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
156					60	CO4	Planning and designing small terrace gardens.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
157	SEM VI	050221602PD - PP		Advanced Studies in Form	60	CO1	The course introduces observation of nature. Abstraction of forms found in nature through examples. Metaphors are used in form exploration evolve 3D forms. Expressions are taken up to compare and analyses forms. Design of an Industrial product is taken up based on expressions	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
157					60	CO2	To Understand products which are aesthetic and visually appealing using the principles learnt in the module	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
157					60	CO3	The course prepares the students for a more rigorous approach to Product Design education in the third and fourth year for their course	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
157					60	CO4	It inculcates sensitivity to art and design traditions and imparts basic understanding of the process of form conception in the creative process of design that otherwise also involves issues of Engineering, Ergonomics, Costing, Marketability etc	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
158	SEM VI	050221603CDA - PP		Animation Film Project - 1	60	CO1	Importance of Animation principles in achieving various kinds of body dynamics.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L

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158					60	CO2	To give a brief understanding about how to vary the timing, application of weight & follow-through in a particular action & how it changes from action to action	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
158					0	CO3		-	-	-	-	-	-
158					0	CO4		-	-	-	-	-	-
158					0	CO5		-	-	-	-	-	-
158					0	CO6		-	-	-	-	-	-
159	SEM VI	050221603CDF - PP		Video Film Project - 2	60	CO1	Introduction to short format video creation (Advertisement / Music Video /Corporate Video)	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
159					60	CO2	Learn concepts for creation of short format video	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
159					60	CO3	Learn techniques for creation of short format video	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
159					60	CO4	Apply knowledge and skills from previous courses to create an original short format video	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
159					0	CO5		-	-	-	-	-	-
159					0	CO6		-	-	-	-	-	-
160	SEM VI	050221603CDG - PP		Graphic Design Project - 2	60	CO1	Study of design medias applicable to Advertising Campaign	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
160					60	CO2	Understand the various aspects of Visual Identity design and using it as a branding element across various medias	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
160					60	CO3	Understanding of concept development and strategy planning for selected target audience.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
160					0	CO4		-	-	-	-	-	-
160					0	CO5		-	-	-	-	-	-
160					0	CO6		-	-	-	-	-	-
161	SEM VI	050221603CDU - PP		UED Project - 2	60	CO1	To understand the disabilities and the cognitive and physical limitations	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
161					60	CO2	To follow the design process while designing	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
161					60	CO3	To create the different design concepts	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
161					60	CO4	To get a primary feedback from the users (about the product designed or redesigned) about the improved aesthetics, useability and performance	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
161					60	CO5	To create a new inclusive design for better aesthetics, useability and performance	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
161					0	CO6		-	-	-	-	-	-
162	SEM VI	050221603FC - PP		FC Project - 2	60	CO1	To understand the fundamentals of packaging design in cohesion with design process, evaluation, and packaging processes or apply the fundamentals of Fashion styling for creating theme based looks or provide wardrobe solutions or understand the design of stores according to different locations, market segmentation and product line.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
162					60	CO2	Get an introduction to packaging design explaining how materials, markets, emerging cultures, storage, sale and manufacturing affect the look and shape of packaging or exposure to different areas of styling.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
162					60	CO3	Understanding role of allied professionals like photographers, visualizers and models, hair and makeup artists or Understand the different materials which go into the making of fixtures, flooring, ceilings, display etc.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
162					60	CO4	Execute a design project using the previously learned fundamentals.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
162					0	CO5		-	-	-	-	-	-
162					0	CO6		-	-	-	-	-	-
163	SEM VI	050221603FD - PP		FD Project - 2	60	CO1	Understand design variations in the traditional Indian costumes found throughout the country or understand the characters in the film and do their costumes accordingly.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
163					60	CO2	Learning how to adapt a traditional Indian costume into contemporary form or understand the effect of camera and light on various textile and non-textile material used in the costume design	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
163					60	CO3	Design and construction of a range of contemporary Salwar Kameezes and Cholis based on traditional / historical influences or Design and construction of a range of theme based costumes and make a short film.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
163					0	CO4		-	-	-	-	-	-
163					0	CO5		-	-	-	-	-	-
163					0	CO6		-	-	-	-	-	-
164	SEM VI	050221603ISD - PP		Lighting Design	60	CO1	Introduction to Lighting to understand how it enriches our spaces and affects our visual and psychological experience, even working efficiency.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
164					60	CO2	This course looks at the physics and technology behind lighting.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
164					60	CO3	Introduction to technical lighting terminology. Wattage / Volts / Lumen / Kelvin Etc.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
165	SEM VI	050221603PD - PP		Portfolio Making	60	CO1	Understand the importance of sequencing and presenting their design projects in form of a portfolio for presentations before Jury/ a prospective client/employer.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
165					60	CO2	Interpret and analyze one's own work and constantly update the portfolio with regard to the need of the presentation	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
165					60	CO3	Prepare Resume	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
165					60	CO4	Understand the importance of digital portfolio with regards to the new IT development, compactness, portability, storage etc	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
166	SEM VI	050221604CDA - PP		Animation Film Project - 2	60	CO1	To create 3D animated short animation clip.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
166					60	CO2	Understanding the 3D animation production pipeline while creating the film.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
166					60	CO3	How to create a project time schedule	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
166					0	CO4		-	-	-	-	-	-
166					0	CO5		-	-	-	-	-	-
166					0	CO6		-	-	-	-	-	-
167	SEM VI	050221604CDF - PP		Video Film Project - 3	60	CO1	Introduction to simple short fiction video creation	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
167					60	CO2	Learn concepts for simple short fiction format video	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
167					60	CO3	Learn techniques for creation of simple short fiction	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
167					60	CO4	Apply knowledge and skills from previous courses to create an original simple short fiction	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
167					0	CO5		-	-	-	-	-	-
167					0	CO6		-	-	-	-	-	-
168	SEM VI	050221604CDG - PP		Graphic Design Project - 3	60	CO1	learn about the History of UX and UX philosophy	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
168					60	CO2	To be able to create Personas	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
168					60	CO3	Acquire the knowledge of creating paper mock ups.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
168					60	CO4	skilfully create wireframes and prototypes	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
168					60	CO5	To create hi-fidelity digital prototypes of an App or Website.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
168					0	CO6		-	-	-	-	-	-
169	SEM VI	050221604CDU - PP		UED Project - 3	60	CO1	Demonstrate the understanding of a System Design process	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
169					60	CO2	Demonstrate the research methods to understand synthesis of data	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
169					60	CO3	Ideation and concept generation	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
169					60	CO4	Determine the prototype and testing for usability	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
169					60	CO5	Create the Final visual design	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
169					0	CO6		-	-	-	-	-	-
170	SEM VI	050221604FC - PP		Portfolio Making	60	CO1	Understand the importance of sequencing and presenting their design projects in form of a portfolio for presentations before Jury/ a prospective client/employer.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
170					60	CO2	Interpret and analyze one's own work and constantly update the portfolio with regard to the need of the presentation	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
170					60	CO3	Prepare Resume	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
170					60	CO4	Understand the importance of digital portfolio with regards to the new IT development, compactness, portability, storage etc	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
170					0	CO5		-	-	-	-	-	-
170					0	CO6		-	-	-	-	-	-
171	SEM VI	050221604FD - PP		Portfolio Making	60	CO1	Understand the importance of sequencing and presenting their design projects in form of a portfolio for presentations before Jury/ a prospective client/employer.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
171					60	CO2	Interpret and analyze one's own work and constantly update the portfolio with regard to the need of the presentation	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
171					60	CO3	Prepare Resume	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
171					60	CO4	Understand the importance of digital portfolio with regards to the new IT development, compactness, portability, storage etc	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
171					0	CO5		-	-	-	-	-	-
171					0	CO6		-	-	-	-	-	-
172	SEM VI	050221604ISD - PP		ISD Project - 3	60	CO1	Hospitality spaces are fast becoming a popular canvas for design and experimentation. With the need for relaxation spaces becoming more the need of the hour, such spaces need to be designed and laid out well.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
172					60	CO2	Considerations for ergonomics and anthropometrics are important.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
172					60	CO3	Proper lighting is very important.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
172					60	CO4	It has distinctive areas like activity zones / refreshment areas / executive offices/ restaurants / recreational spaces etc. Student will get to work on these different spaces and understand the importance of the activity zoning.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
173	SEM VI	050221604PD - PP		Product Design Project - 2	60	CO1	To design a new (or redesign an existing) Technically Complex Product for better aesthetics, useability and performance.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
173					60	CO2	To understand the complex systems in a product under consideration.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
173					60	CO3	To follow the design process while designing the product	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
173					60	CO4	To create the style mock-ups and working prototypes	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L

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173					60	CO5	To get a primary feedback from the users (about the product designed or redesigned) about the improved aesthetics, useability and performance.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
174	SEM VI	050221605CDA - PP		Portfolio Making	60	CO1	Understand the importance of sequencing and presenting their design projects in form of a portfolio for presentations before Jury/ a prospective client/employer.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
174					60	CO2	Interpret and analyze one's own work and constantly update the portfolio with regard to the need of the presentation	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M
174					60	CO3	Prepare Resume	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
174					60	CO4	Understand the importance of digital portfolio with regards to the new IT development, compactness, portability, storage etc	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H
174					0	CO5		-	-	-	-	-	-
174					0	CO6		-	-	-	-	-	-
175	SEM VI	050221605CDF - PP		Portfolio Making	60	CO1	Understand the importance of sequencing and presenting their design projects in form of a portfolio for presentations before Jury/ a prospective client/employer.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
175					60	CO2	Interpret and analyze one's own work and constantly update the portfolio with regard to the need of the presentation	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
175					60	CO3	Prepare Resume	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
175					60	CO4	Understand the importance of digital portfolio with regards to the new IT development, compactness, portability, storage etc	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
175					0	CO5		-	-	-	-	-	-
175					0	CO6		-	-	-	-	-	-
176	SEM VI	050221605CDG - PP		Portfolio Making	60	CO1	Understand the importance of sequencing and presenting their design projects in form of a portfolio for presentations before Jury/ a prospective client/employer.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
176					60	CO2	Interpret and analyze one's own work and constantly update the portfolio with regard to the need of the presentation	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
176					60	CO3	Prepare Resume	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
176					60	CO4	Understand the importance of digital portfolio with regards to the new IT development, compactness, portability, storage etc	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
176					0	CO5		-	-	-	-	-	-
176					0	CO6		-	-	-	-	-	-
177	SEM VI	050221605CDU - PP		Portfolio Making	60	CO1	Understand the importance of sequencing and presenting their design projects in form of a portfolio for presentations before Jury/ a prospective client/employer.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
177					60	CO2	Interpret and analyze one's own work and constantly update the portfolio with regard to the need of the presentation	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Moderate-M
177					60	CO3	Prepare Resume	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
177					60	CO4	Understand the importance of digital portfolio with regards to the new IT development, compactness, portability, storage etc	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
177					0	CO5		-	-	-	-	-	-
177					0	CO6		-	-	-	-	-	-
178	SEM VI	050221605ISD - PP		Graphic Design in Interiors	60	CO1	Patterns and textures are inherent part of interior design. (Ex: Wall papers)	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M
178					60	CO2	This course aims at making students aware of patterns, their origin, relevance and appropriate application. Teaches them to choose right pattern harmony.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
178					60	CO3	Logic behind selection of art for interiors.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
179	SEM VI	050221606FD - PP		Global Immersion Program	60	CO1	students go to the renowned universities abroad and study some courses there. Courses offered by some selected partner institutes abroad have been carefully studied and own courses adjusted in such a way that a student can choose the courses of his choice which are equivalent to his normal courses at Symbiosis. Thus he can go to a university abroad for a period of one semester and the credit of the courses qualified abroad can be given to him in his normal studies. This arrangement exposes the s	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
180	SEM VI	050221607 - PP	T5366	Motion Graphics	60	CO1	To understand the principles used to create Motion Graphics	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L

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180					60	CO2	To work with different software's to edit & enhance the footage for achieving particular effects	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
180					60	CO3	To create a 30 sec project using Motion Graphics or mixed media.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
181	SEM VI	050221607CDA - PP		Global Immersion Program	60	CO1	students go to the renowned universities abroad and study some courses there. Courses offered by some selected partner institutes abroad have been carefully studied and own courses adjusted in such a way that a student can choose the courses of his choice which are equivalent to his normal courses at Symbiosis. Thus he can go to a university abroad for a period of one semester and the credit of the courses qualified abroad can be given to him in his normal studies. This arrangement exposes the s	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
182	SEM VI	050221607CDG - PP		Global Immersion Program	60	CO1	To understand the principles used to create Motion Graphics	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
182					60	CO2	To work with different software's to edit & enhance the footages for achieving particular effects	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
182					60	CO3	To create a 30 sec project using Motion Graphics or mixed media.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
183	SEM VI	050221615 - PP	T8147	Fashion Choreography	60	CO1	Understand the importance and basics concepts of fashion choreography.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
183					60	CO2	Understand the steps in making and types of choreography.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
183					60	CO3	Plan and implement classroom learning into actual theme based choreography.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
184	SEM VI	050221616 - PP	T5380	Fashion Makeup	60	CO1	Understand the tools & materials for make-up.	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L
184					60	CO2	Understand the changing trends in fashion make up & appreciating the work of renowned make- up artists. Apply the techniques and concepts of Fashion Make-up learned for practical situations in the fashion and media industry.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
185	SEM VI	050221617 - PP	T5312	Textile Appreciation	60	CO1	Critically analyze design practice in relation to contemporary issues and theories of textile and fashion design and communication from a local and global perspective.	Strong-H	Moderate-M	Strong-H	Strong-H	Weak-L	Weak-L

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185					60	CO2	To understand contemporary design in terms - design brief, design development, print / surface / textile design and fabric selection to create a pre-defined visual perception.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
186	SEM VI	050221620 - PP	T5576	Sustainable Design	60	CO1	This course will sensitize students to the environmental concerns and educate them with theory and practices of Green and Sustainable Design.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
186					60	CO2	This course would expect the students to put the Green Design aspects into practice while working on various design projects during the program.	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
187	SEM VI	050221622 - PP	T5334	Exhibition Design	60	CO1	Today we witness a lot of Exhibitions and Expo's around the world.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
187					60	CO2	Explore great places to market your products/companies and compare competition and challenges in designing such spaces.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
187					60	CO3	To understand the theory and logic behind designing this kind of space. They are required to understand brand ideology and philosophy. And interpret it their own way to make edgy designs using cutting edge technology (if needed).	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
188	SEM VII	050221701CDA - PP		Design Management	60	CO1	The concepts of management, business and design.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
188					60	CO2	Analytical ability in context of cycle of development & the variables affecting business.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
188					60	CO3	Learning through the experiences of experts.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
188					60	CO4	Professionalism and body language.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
188					60	CO5	Vocabulary of design and management industry.	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
189	SEM VII	050221701CDG - PP		Design Management	60	CO1	The concepts of management, business and design.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
189					60	CO2	Analytical ability in context of cycle of development & the variables affecting business.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
189					60	CO3	Learning through the experiences of experts.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
189					60	CO4	Professionalism and body language.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
189					60	CO5	Vocabulary of design and management industry.	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
190	SEM VII	050221701CDU - PP		Design Management	60	CO1	The concepts of management, business and design.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
190					60	CO2	Analytical ability in context of cycle of development & the variables affecting business.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
190					60	CO3	Learning through the experiences of experts.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
190					60	CO4	Professionalism and body language.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
190					60	CO5	Vocabulary of design and management industry.	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
191	SEM VII	050221701FC - PP		Design Management	60	CO1	The concepts of management, business and design.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
191					60	CO2	Analytical ability in context of cycle of development & the variables affecting business.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
191					60	CO3	Learning through the experiences of experts.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
191					60	CO4	Professionalism and body language.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
191					60	CO5	Vocabulary of design and management industry.	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
192	SEM VII	050221701FD - PP		Design Management	60	CO1	The concepts of management, business and design.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
192					60	CO2	Analytical ability in context of cycle of development & the variables affecting business.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
192					60	CO3	Learning through the experiences of experts.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
192					60	CO4	Professionalism and body language.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
192					60	CO5	Vocabulary of design and management industry.	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
193	SEM VII	050221701ISD - PP		Design Management	60	CO1	The concepts of management, business and design.	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
193					60	CO2	Analytical ability in context of cycle of development & the variables affecting business.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
193					60	CO3	Learning through the experiences of experts.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L
193					60	CO4	Professionalism and body language.	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
202					60	CO2	Learn concepts for creation of complex short fiction format video	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
202					60	CO3	Learn techniques for creation of complex short fiction	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
202					60	CO4	Apply knowledge and skills from previous courses to create an original complex short fiction	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
203	SEM VII	050221703CDG - PP		Graphic Design Project - 4	60	CO1	Understand the application of Graphic for creating effective environment/ space / retail design for the selected area.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
203					60	CO2	Develop the understanding in the area of Information system design. (Signage and way finding, Map Design / Exhibition Design.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
203					60	CO3	Understanding the material that would be suitable for establishing the signage system within the relevant facility.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
203					60	CO4	To analyze and articulate the visual language that seems to govern the process of system design.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
203					60	CO5	Understanding to maintain the allocation of information in spatial context.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
204	SEM VII	050221703CDU - PP		Contemporary Trend in User Experience Design	60	CO1	Introduction to new trends in User Experience design	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
204					60	CO2	To know and Understand Virtual Reality	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
204					60	CO3	To know and Understand Augmented Reality	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
204					60	CO4	To know and Understand Mixed Reality	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
205	SEM VII	050221703FC - PP		Fashion Forecasting	60	CO1	To understand the process of Forecasting and compiling a forecast publication for the upcoming season on various product/lifestyle categories.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
205					60	CO2	To read and analyze forecast magazines.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
206	SEM VII	050221703FD - PP		Recent Development in Apparel Industry	60	CO1	Gain knowledge of the latest developments in different areas of the fashion communication business.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
206					60	CO2	Trace reference material, analyze, evaluate and condense information.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H	Weak-L
206					60	CO3	Collate the material in a concise and effective format.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
206					60	CO4	Confidently present the research data by effective public speaking.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
206					60	CO5	Participate in group discussions on a variety of subjects.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
206					60	CO6	Develop an Updated Vendor Directory for the various Techniques / Products presented.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
207	SEM VII	050221703ISD - PP		Inclusive Interior Design	60	CO1	A course that explains how any interior design needs to be thought out for differently abled people. To develop sensitization towards their needs.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
207					60	CO2	Understanding the various types of disability and devising ways to design effective solutions for them.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
207					60	CO3	Prepare alterations to drawings for the design prepared in ISD Project 3 keeping in mind the need of differently abled persons.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
207					60	CO4	Minor project to design an apartment for a person afflicted with any disability .	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
208	SEM VII	050221704CDA - PP		Animation Film Project - 4	60	CO1	To work as a group for creating a short film on social issues.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
208					60	CO2	To understand the values of working as a team & achieving a common goal set by facing various difficulties	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
209	SEM VII	050221704CDF - PP		Video Film Project - 5	60	CO1	Introduction to non-fiction short video creation	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
209					60	CO2	Learn concepts for creation of non-fiction short format video	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
209					60	CO3	Learn techniques for creation of non-fiction short format video	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
209					60	CO4	Apply knowledge and skills from previous courses to create an original non-fiction short format video	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
210	SEM VII	050221704CDG - PP		Graphic Design Project - 5	60	CO1	To know Basic design process for Type design.	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
210					60	CO2	Advance publication Design in line with industrial norms	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
210					60	CO3	Application of various styles and Possibilities for publication eg. Photography, Typography, Illustration etc.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
214					60	CO2	Types of Estimates - Approximate and detailed. Methods of Approximate Estimating - Built up or Carpet Area Method, Cubic Contents, Method and Numbers System, Current rates for Approximate Estimating. Bill of Quantities and Abstract of Estimate	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
214					60	CO3	Importance of specification in the building activities	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
214					60	CO4	Method of drafting specification with importance to the correct order and sequence. Avoid duplication and ambiguity, specification by negation and affirmation.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
215	SEM VII	050221704PD - PP	T5399	Product Design Project-3	60	CO1	To understand the definitions, types, constituents, structures and outputs of systems and learn to redesign a part or structure of a chosen system.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
215					60	CO2	Understand, learn and apply Systems Design principles to get Design solutions for social issues, problems.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
215					60	CO3	Evaluate and test the design solutions provided for the system in consideration	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
216	SEM VII	050221705CDU - PP		UED Project - 5	60	CO1	To find the user need for the specific domain	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
216					60	CO2	Define the design brief	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
216					60	CO3	Design the solution for the design problem	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
216					60	CO4	Test the usability of the design solution	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
216					60	CO5	Document the complete design process	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
217	SEM VII	050221705FC - PP		FC Project - 3	60	CO1	Take up projects and follow the design process to execute projects from any of the broad areas of styling, Publication design, corporate visual identity, Visual Merchanding, display and store design	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
217					60	CO2	Understand the importance of meticulous detailing & research with regard to theme/specialization within mediums of fashion communication, storyboard, client profile, material sourcing. etc.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
217					60	CO3	Understand the importance of conceptualization of different themes and also to present options to the Jury/industry sponsors for seeking approval.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
218	SEM VII	050221705FD - PP		FD Project - 3	60	CO1	Understand the importance of meticulous detailing & research with regard to theme/apparel category, storyboard, client profile, fabric & trim sourcing. etc.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
218					60	CO2	This module will give students a better understanding of the design development process and conceptualization for the Final design collection	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
218					60	CO3	Understand the importance of conceptualization of different themes and also to present options to the Jury/industry sponsors for seeking approval.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
219	SEM VII	050221705ISD - PP		ISD Project - 4	60	CO1	Today people spend one third of their time in offices. Hence office interiors have become as important or perhaps even more important than home interior.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
219					60	CO2	Considerations for ergonomics and anthropometrics are important. Hence there is multibillion dollar industry that works on office seating alone.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
219					60	CO3	Proper lighting is very important.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
219					60	CO4	It has distinctive areas like conferences / mess-canteen area / executive offices/ work stations / recreational spaces etc. Student will get to work on these different spaces and understand the importance of the activity zoning.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
220	SEM VII	050221705PD - PP		Product Design Project - 4	60	CO1	Research, understand and forecast the future trends in design, technology and human nature to provide a futuristic design solution.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
220					60	CO2	Draw technological roadmap to understand the flow of technology in the future.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L
220					60	CO3	Provide design solutions by applying design principles based on understanding the design trends in the future.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L
221	SEM VII	050221706ISD - PP		ISD Project - 5	60	CO1	Use of technology as an inherent part of the design process is promoted, rather emphasized upon.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
221					60	CO2	This project aims at sensitizing the student to understand the emotional and psychological need of a person and satisfy that through spaces design. Recreational spaces need to be more intuitive	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
224					60	CO5	Identify problem area and design opportunity and define goal of the project	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
225	SEM VIII	050221803CDF - PP		Degree Project - AFD	60	CO1	Student will be creating an Individual short animation film using any medium that will best suit for depicting the concept in much interesting manner.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M
226	SEM VIII	050221804CDU - PP		Degree Project - UED	60	CO1	Design Practice in the industry. Working in teams and coordinating with different departments at the industry/firm to get the job done	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
226					60	CO2	Apply design thinking knowledge to identify problem and design scope	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
226					60	CO3	Conduct research, analyze and synthesize problem, propose a design solution	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
226					60	CO4	Follow the design process to articulate the Prototype.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
227	SEM VIII	050221805PD - PP		Degree Project - PD	60	CO1	Design Practice in the industry. Working in teams and coordinating with different departments at the industry/firm to get the job done	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
227					60	CO2	They are required to apply their knowledge at conceptual level to their fullest.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
227					60	CO3	They are required to apply their knowledge at conceptual level to their fullest.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
227					60	CO4	They would also be requiring working out the details and understanding the nitty-gritties of the project, as this would be their first long exposure to the industry.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
227					60	CO5	Final outcome would be degree Project document along with Prototype and Industry Experience certificate.	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M	Strong-H
228	SEM VIII	050221806ISD - PP		Degree Project - ISD	60	CO1	Design Practice in the industry. Working in teams and coordinating with different departments at the industry/firm to get the job done.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
228					60	CO2	They are required to apply their knowledge at conceptual level to their fullest.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L
228					60	CO3	They would also be requiring working out the details and understanding the nitty-gritties of the project, as this would be their first long exposure to the industry.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
228					60	CO4	Final outcome would be degree Project document along with Prototype and Industry Experience certificate.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6
234	SEM VIII	050221810FCC - PP		Floating Credit Courses	60	CO1	Exploring Liberal Arts, Inter-disciplinary Courses, Service Developing, Sports, etc.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
235	SEM VIII	050221810FCC - PP		Floating Credit Courses	60	CO1	Exploring Liberal Arts, Inter-disciplinary Courses, Service Developing, Sports, etc.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
236	SEM VIII	050221810FCC - PP		Floating Credit Courses	60	CO1	Exploring Liberal Arts, Inter-disciplinary Courses, Service Developing, Sports, etc.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
237	SEM VIII	050221810FCC - PP		Floating Credit Courses	60	CO1	Exploring Liberal Arts, Inter-disciplinary Courses, Service Developing, Sports, etc.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
238	SEM VIII	050221810FCC - PP		Floating Credit Courses	60	CO1	Exploring Liberal Arts, Inter-disciplinary Courses, Service Developing, Sports, etc.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

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Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Knowledge Competency: The fundamental knowledge awareness for the said program
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Thinking ability: Thinking and decision making ability for the professional program
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	Sensitivity: to the ecology, society in terms of past and current issues and promoting responsible indivisibles
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	Individual development: In terms of presentation and communication skills, the working ability in groups and individuals with Morals and values as a base.
5	GA1	Scholarship: research, inquiry and lifelong learning	PO5	Advance research techniques and tools : The old and current techniques are outdated with the technology growth hence the usage of advanced tools and techniques in terms of teaching research and the application is a base.
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	Entrepreneurs and market-ready: with management and finance understanding makes the students market-ready
7	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO7	Incessant learning: Practice/research as a continuous process of self-growth.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
1	SEM I	080222101 - PP	T8391	Design Fundamentals - 1	60	CO1	To understand the advanced principles and fundamentals of design through diverse mediums and tools	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M
1					60	CO2	To understand the diverse methods of visual representation in art and design for creating a visual dialogue between the designer and the consumer.	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M
1					60	CO3	To enhance the visualization and imaginative ability in students	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H
1					60	CO4	To understand the application of elements and principles of design in material form.	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H
1					60	CO5	To experiment with various materials and develop models to demonstrate original theme.	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H
2	SEM I	080222101 - TUT	T8391	Design Fundamentals - 1	60	CO1	To understand the advanced principles and fundamentals of design through diverse mediums and tools	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
2					60	CO2	To understand the diverse methods of visual representation in art and design for creating a visual dialogue between the designer and the consumer.	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M
2					60	CO3	To enhance the visualization and imaginative ability in students	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H
2					60	CO4	To understand the application of elements and principles of design in material form.	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H
2					60	CO5	To experiment with various materials and develop models to demonstrate original theme.	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H
3	SEM I	080222101 - PR	T8391	Design Fundamentals - 1	60	CO1	To understand the advanced principles and fundamentals of design through diverse mediums and tools	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M
3					60	CO2	To understand the diverse methods of visual representation in art and design for creating a visual dialogue between the designer and the consumer.	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Moderate-M
3					60	CO3	To enhance the visualization and imaginative ability in students	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H
3					60	CO4	To understand the application of elements and principles of design in material form.	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H
3					60	CO5	To experiment with various materials and develop models to demonstrate original theme.	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H
4	SEM I	080222102 - PP	T8512	Sketching and Drawing - 1	60	CO1	Understanding basics of sketching 2 D, 3D, 3D advance, perspective, human figure and rendering techniques.	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H
4					60	CO2	Analysis of rendering techniques	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
4					60	CO3	Sketching and rendering 2 D, 3D, 3D advance, perspective, human figure and presenting them	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H
5	SEM I	080222102 - TUT	T8512	Sketching and Drawing - 1	60	CO1	Understanding basics of sketching 2 D, 3D, 3D advance, perspective, human figure and rendering techniques.	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H
5					60	CO2	Analysis of rendering techniques	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
5					60	CO3	Sketching and rendering 2 D, 3D, 3D advance, perspective, human figure and presenting them	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
6	SEM I	080222102 - PR	T8512	Sketching and Drawing - 1	60	CO1	Understanding basics of sketching 2 D, 3D, 3D advance, perspective, human figure and rendering techniques.	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H
6					60	CO2	Analysis of rendering techniques	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L	Strong-H
6					60	CO3	Sketching and rendering 2 D, 3D, 3D-advance, perspective, human figure and presenting them	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H
7	SEM I	080222103 - PP	T8267	Culture and Design	60	CO1	Understanding the perception of Indian culture with respect to state and religion in terms of lifestyle Craft and Festivals	Strong-H	Moderate-M	Moderate-M	Strong-H	Weak-L	Moderate-M	Strong-H
7					60	CO2	Analysis of interrelation of culture & design and comments on the Festival Culture.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
7					60	CO3	Create a replica of traditional Artform / Culture	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M	Strong-H	Strong-H
8	SEM I	080222104 - PP	T8378	Craft Design Studies - 1	60	CO1	To understand the modern day relevance of traditional craft practices in India	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
8					60	CO2	To sensitize students about handmade craft process and understand the importance of craftsmanship in the domain of design.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
8					60	CO3	To generate dialogues and discussions on the role of a designer on traditional / rural craft communities.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
8					60	CO4	To sensitize students on modern day value of handmade products	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
8					60	CO5	To experiment with modern forms in design process by understanding the traditional hand crafting techniques	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
9	SEM I	080222104 - PR	T8378	Craft Design Studies - 1	60	CO1	To understand the modern day relevance of traditional craft practices in India	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
9					60	CO2	To sensitize students about handmade craft process and understand the importance of craftsmanship in the domain of design.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
9					60	CO3	To generate dialogues and discussions on the role of a designer on traditional / rural craft communities.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
9					60	CO4	To sensitize students on modern day value of handmade products	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
9					60	CO5	To experiment with modern forms in design process by understanding the traditional hand crafting techniques	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
10	SEM I	080222105 - PP	T8439	History of Art and Design	60	CO1	To understand the evolution of art and design in a chronological fashion through various historical periods on the world.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M
10					60	CO2	To understand art history by re-creating historical work of art in material form	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M
10					60	CO3	To generate dialogues and discussions on important topics in art history for developing critical thinking in the students.	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Strong-H	Moderate-M
10					60	CO4	To sensitize students on art appreciation and criticism	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L	Moderate-M
10					60	CO5	To present and learn art vocabulary for expression of knowledge acquired during the lecture sessions by writing articles and essays.	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Strong-H	Moderate-M
11	SEM II	080222201 - PP	T8392	Design Fundamentals - 2	60	CO1	To understand the advanced principles and fundamentals of design through diverse mediums and tools	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
11					60	CO2	To understand the advanced methods of visual representation in art and design for creating a visual dialogue between the designer and the consumer.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H
11					60	CO3	To enhance the visualization and imaginative ability in students for advanced interpretation in design.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
11					60	CO4	To understand the application of elements and principles of design in material form.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H
11					60	CO5	To experiment with various materials and develop models to demonstrate original theme.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
12	SEM II	080222201 - PP	T8392	Design Fundamentals - 2	60	CO1	To understand the advanced principles and fundamentals of design through diverse mediums and tools	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
12					60	CO2	To understand the advanced methods of visual representation in art and design for creating a visual dialogue between the designer and the consumer.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
12					60	CO3	To enhance the visualization and imaginative ability in students for advanced interpretation in design.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
12					60	CO4	To understand the application of elements and principles of design in material form.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H
12					60	CO5	To experiment with various materials and develop models to demonstrate original theme.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
13	SEM II	080222201 - PR	T8392	Design Fundamentals - 2	60	CO1	To understand the advanced principles and fundamentals of design through diverse mediums and tools	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
13					60	CO2	To understand the advanced methods of visual representation in art and design for creating a visual dialogue between the designer and the consumer.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H
13					60	CO3	To enhance the visualization and imaginative ability in students for advanced interpretation in design.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
13					60	CO4	To understand the application of elements and principles of design in material form.	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H
13					60	CO5	To experiment with various materials and develop models to demonstrate original theme.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
14	SEM II	080222202 - TUT	T8513	Sketching and Drawing - 2	60	CO1	Understanding the 3 dimensional techniques, the human figure and basic illustration techniques	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H
14					60	CO2	Analyze the three dimensional drawing, the human proportion to surroundings and the illustration techniques.	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H
14					60	CO3	Create a 3 dimensional sketching, sketching of human figure and the illustrations in different material	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H
15	SEM II	080222202 - PP	T8513	Sketching and Drawing - 2	60	CO1	Understanding the 3 dimensional techniques, the human figure and basic illustration techniques	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H
15					60	CO2	Analyze the three dimensional drawing, the human proportion to surroundings and the illustration techniques.	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H
15					60	CO3	Create a 3 dimensional sketching, sketching of human figure and the illustrations in different material	Strong-H	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
16	SEM II	080222203 - PP	T8548	Visualization Techniques	60	CO1	Understanding the theme based visuals, Gestalt principle, sketching of complex forms, story building and Infographics.	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H
16					60	CO2	Analyze the different visuals, Gestalt principles, sketching of complex and simple forms, the story characters and narrations and the types of infographics	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H
16					60	CO3	Create different visuals, outputs based on gestalt principle, sketching of complex objects and infographics of different data.	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H
17	SEM II	080222203 - PR	T8548	Visualization Techniques	60	CO1	Understanding the theme based visuals, Gestalt principle, sketching of complex forms, story building and Infographics.	Strong-H	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Strong-H
17					60	CO2	Analyze the different visuals, Gestalt principles, sketching of complex and simple forms, the story characters and narrations and the types of infographics	Strong-H	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H
17					60	CO3	Create different visuals, outputs based on gestalt principle, sketching of complex objects and infographics of different data.	Strong-H	Strong-H	Weak-L	Strong-H	Weak-L	Moderate-M	Strong-H
18	SEM II	080222204 - TUT	T8379	Craft Design Studies - 2	60	CO1	To understand the modern day relevance of traditional craft practices in India.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
18					60	CO2	To sensitize students about handmade craft process and understand the importance of craftsmanship in the domain of design.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
18					60	CO3	To generate dialogues and discussions on the role of a designer on traditional / rural craft communities.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
18					60	CO4	To sensitize students on modern day value of handmade products	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
18					60	CO5	To experiment with modern forms in design process by understanding the traditional hand crafting techniques	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
19	SEM II	080222204 - PR	T8379	Craft Design Studies - 2	60	CO1	To understand the modern day relevance of traditional craft practices in India.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
19					60	CO2	To sensitize students about handmade craft process and understand the importance of craftsmanship in the domain of design.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
19					60	CO3	To generate dialogues and discussions on the role of a designer on traditional / rural craft communities.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
19					60	CO4	To sensitize students on modern day value of handmade products	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Weak-L
19					60	CO5	To experiment with modern forms in design process by understanding the traditional hand crafting techniques	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
20	SEM II	080222205 - PP	T8515	Society, Environment and Design	60	CO1	To understand the social, political and economic spheres within a given culture - India and International.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
20					60	CO2	To examine ways in which residents control environmental problems, in the context of the formation of social norms.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
20					60	CO3	To understand the role and responsibilities of a designer in their society / community towards capacity building.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
21	SEM II	080222206 - PP	T2883	Integrated Disaster Management	60	CO1	Understanding various types of disasters and its management.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M
21					60	CO2	Participating actively in disaster management.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M
21					60	CO3	Performing First aid and CPR in an emergency.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M

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Academic Year : 2019-2020 Institute/ Branch Name : Symbiosis School of Planning, Architecture and Design, Nagpur Programme Name : Bachelor of Architecture

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA1	Scholarship: research, inquiry and lifelong learning	PO1	Knowledge Competency: The fundamental knowledge awareness for the said program
2	GA1	Scholarship: research, inquiry and lifelong learning	PO2	Thinking ability: Thinking and decision making ability for the professional program
3	GA3	Eco-literate: sensitivity towards a sustainable environment	PO3	Sensitivity: to the ecology, society in terms of past and current issues and promoting responsible indivisibles
4	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO4	Individual development: In terms of presentation and communication skills, the working ability in groups and individuals with Morals and values as a base.

5	GA1	Scholarship: research, inquiry and lifelong learning	PO5	Advance research techniques and tools : The old and current techniques are outdated with the technology growth hence the usage of advanced tools and techniques in terms of teaching research and the application is a base.
6	GA2	Global citizenship: ethical, social and professional understanding	PO6	Entrepreneurs and market-ready: with management and finance understanding makes the students market-ready
7	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO7	Incessant learning: Practice/research as a continuous process of self-growth.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
1	SEM I	080221101 - TUT	T8559	Architectural Design I	60	CO1	To interpret the formulation of form, space and structure through creative thinking and to initiate architectural design process deriving from first principles.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
1					60	CO2	To involve students in a design project(s), that will develop simple space planning and the understanding of the functional aspects of good design.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
2	SEM I	080221101 - PR	T8559	Architectural Design I	60	CO1	To interpret the formulation of form, space and structure through creative thinking and to initiate architectural design process deriving from first principles.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
2					60	CO2	To involve students in a design project(s), that will develop simple space planning and the understanding of the functional aspects of good design.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
3	SEM I	080221102 - PP	T8561	Building Construction and Materials I	60	CO1	To understand structures- permanent and temporary, their elements and external section of the elemental ingredients of bricks, mortar, lime, cement, stone; the assemblage of the same in different types of masonries, the role of shallow and spread foundations in building construction.	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H
3					60	CO2	To analyze a structure from micro level of masonries (brick and stone with mortar) to major level like foundation and the sectional technicality of the same.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
3					60	CO3	To create various types of bricks and stone bonds, along with an external section of a building to explain the elements.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
4	SEM I	080221102 - TUT	T8561	Building Construction and Materials I	60	CO1	To understand structures- permanent and temporary, their elements and external section of the elemental ingredients of bricks, mortar, lime, cement, stone; the assemblage of the same in different types of masonries, the role of shallow and spread foundations in building construction.	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H
4					60	CO2	To analyze a structure from micro level of masonries (brick and stone with mortar) to major level like foundation and the sectional technicality of the same.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
4					60	CO3	To create various types of bricks and stone bonds, along with an external section of a building to explain the elements.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H
5	SEM I	080221102 - PR	T8561	Building Construction and Materials I	60	CO1	To understand structures- permanent and temporary, their elements and external section of the elemental ingredients of bricks, mortar, lime, cement, stone; the assemblage of the same in different types of masonries, the role of shallow and spread foundations in building construction.	Strong-H	Strong-H	Moderate-M	Strong-H	Weak-L	Weak-L	Strong-H
5					60	CO2	To analyze a structure from micro level of masonries (brick and stone with mortar) to major level like foundation and the sectional technicality of the same.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
5					60	CO3	To create various types of bricks and stone bonds, along with an external section of a building to explain the elements.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H
6	SEM I	080221103 - TUT	T8560	Architectural Graphics Skills I	60	CO1	To understand graphical language of drawings through drafting techniques.	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H
6					60	CO2	To analyse various 2D & 3D forms through different projections.	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H
6					60	CO3	To adopt different methods of presentation and drafting.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H
7	SEM I	080221103 - PR	T8560	Architectural Graphics Skills I	60	CO1	To understand graphical language of drawings through drafting techniques.	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H
7					60	CO2	To analyse various 2D & 3D forms through different projections.	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H
7					60	CO3	To adopt different methods of presentation and drafting.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
8	SEM I	080221104 - TUT	T8562	Basic Design and Visual Arts I	60	CO1	Understand the design principles, colour theory, sketching technique and visual narration	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
8					60	CO2	Analyse the design principles, colour theory, sketching technique and visual narration.	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
8					60	CO3	Apply the design principles, colour theory, sketching technique and visual narration	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
9	SEM I	080221104 - PR	T8562	Basic Design and Visual Arts I	60	CO1	Understand the design principles, colour theory, sketching technique and visual narration	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M	Strong-H
9					60	CO2	Analyse the design principles, colour theory, sketching technique and visual narration	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
9					60	CO3	Apply the design principles, colour theory, sketching technique and visual narration	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H	Strong-H
10	SEM I	080221105 - TUT	T8563	Carpentry and Model Making Workshop	60	CO1	Understand the development of surfaces, scales, tools, solids & models.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H
10					60	CO2	Analyse the development of surfaces, scales, tools, solids & models.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H
10					60	CO3	Apply the development of surfaces, scales, tools, solids & models.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H
11	SEM I	080221106 - PP	T8564	Structural Design System I	60	CO1	Understanding force, types of force systems, characteristics of force, principle of transmissibility, resultant of forces, equilibrium, free body diagram, statical determinacy and indeterminacy, Support reactions for statically determinate beams for different loadings, friction, types of friction, laws of friction, centroid, moment of inertia, radius of gyration, parallel axis theorem.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H
11					60	CO2	Analyze types of force systems, Composition and resolution of forces, Resultant and equilibrium of coplanar concurrent and non-concurrent force system, Support reactions for statically determinate beams with different types of loading, friction numericals on wedge, ladder & block, centroid for plane figures, moment of inertia & radius of gyration for plane figures.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
11					60	CO3	Evaluating types of force systems, equilibrium of coplanar concurrent and non-concurrent force system, statical determinacy and indeterminacy, support reactions, friction numericals on block, wedge & ladder, centroid, M.I.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H
12	SEM I	080221107 - PP	T8565	Surveying and Leveling	60	CO1	Understanding surveying, principles of surveying, types of surveying - chain survey, plane table & compass, levelling, reduced levels, rise & fall method, profile levelling, theodolite, setting up, preliminary adjustments, method of repetition and reiteration, Contouring, Characteristics of contours, direct and indirect methods, use of contours, Total Station, Prismatic Compass.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
12					60	CO2	Execute chain & tape survey, plane table survey, compass survey, dumpy level survey, total station survey, levelling by rise & fall method, by height of collimation method, measuring horizontal and vertical angles, countour maps.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H
12					60	CO3	Analyze chain & tape survey, plane table survey, compass survey, dumpy level survey, total station survey, levelling by rise & fall method, by height of collimation method, measuring horizontal and vertical angles, countour maps, numericals.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H
13	SEM I	080221107 - PR	T8565	Surveying and Leveling	60	CO1	Understanding surveying, principles of surveying, types of surveying - chain survey, plane table & compass, levelling, reduced levels, rise & fall method, profile levelling, theodolite, setting up, preliminary adjustments, method of repetition and reiteration, Contouring, Characteristics of contours, direct and indirect methods, use of contours, Total Station, Prismatic Compass.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Moderate-M	Strong-H
13					60	CO2	Execute chain & tape survey, plane table survey, compass survey, dumpy level survey, total station survey, levelling by rise & fall method, by height of collimation method, measuring horizontal and vertical angles, countour maps.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
13					60	CO3	Analyze chain & tape survey, plane table survey, compass survey, dumpy level survey, total station survey, levelling by rise & fall method, by height of collimation method, measuring horizontal and vertical angles, countour maps, numericals.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H
14	SEM I	080221108 - PP	T8566	Built Environment & Social Science	60	CO1	To understand the ethnogrphic dimensions of our society through studying various user groups	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
14					60	CO2	To examine our built environment and human interaction within the ecosystem	Moderate-M	Moderate-M	Weak-L	Moderate-M	Weak-L	Weak-L	Weak-L
14					60	CO3	To sensitize students about environmental issues and impact of human behaviour on the environment	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
14					60	CO4	To develop understanding through case study and inference	Moderate-M	Moderate-M	Weak-L	Strong-H	Weak-L	Weak-L	Weak-L
14					60	CO5	To discuss and debate about growing environmental concerns in building practices	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
15	SEM I	080221109 - PP	T8567	Environmental Studies I	60	CO1	To understand psychology as an outcome of the built space, human behaviour and aspects of behavioural science, social behaviour, community behaviour, and the concepts of family and gender.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
15					60	CO2	To analyze psychology as an outcome of the built space, human behaviour and aspects of behavioural science, social behaviour, community behaviour, and the concepts of family and gender.	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
15					60	CO3	To create a conceptual architectural space vis-à-vis human psychology and human behaviour (example- meditation space).	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Weak-L	Strong-H
16	SEM II	080221201 - TUT	T8568	Architectural Design II	60	CO1	To understand the level of visual composition of architectural spaces considering human activity and anthropometry.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
16					60	CO2	To involve the students with architectural design process through small scale projects of human habitat.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
16					60	CO3	To create a small scale building project(s) which will sensitize them to intelligent planning that is responsive to the environmental context.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
17	SEM II	080221201 - PR	T8568	Architectural Design II	60	CO1	To understand the level of visual composition of architectural spaces considering human activity and anthropometry.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
17					60	CO2	To involve the students with architectural design process through small scale projects of human habitat.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
17					60	CO3	To create a small scale building project(s) which will sensitize them to intelligent planning that is responsive to the environmental context.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
18	SEM II	080221202 - PP	T8570	Building Construction and Materials II	60	CO1	To understand construction techniques of arches, doors, windows and foundations, along with the materials of timber and cement concrete.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
18					60	CO2	To analyze the design execution of arches, doors, windows, foundations in various set of conditions; to analyze the vitality of timber and cement concrete as essential building materials.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
18					60	CO3	To create the design of arches, doors and windows vis-à-vis the applicable construction material in a suitable scale with detailed analytical exploratory drawings.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
19	SEM II	080221202 - PR	T8570	Building Construction and Materials II	60	CO1	To understand construction techniques of arches, doors, windows and foundations, along with the materials of timber and cement concrete.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
19					60	CO2	To analyze the design execution of arches, doors, windows, foundations in various set of conditions; to analyze the vitality of timber and cement concrete as essential building materials.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
19					60	CO3	To create the design of arches, doors and windows vis-à-vis the applicable construction material in a suitable scale with detailed analytical exploratory drawings.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
20	SEM II	080221203 - TUT	T8569	Architectural Graphics Skills II	60	CO1	To learn the terminology used and the fundamentals of drawing perspective views.	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H
20					60	CO2	To understand the principles and applications of one, two and three-point perspectives, isometric and axonometric drawings etc.	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
20					60	CO3	To understand and apply the principles of sciography (shades and shadows) in different conditions.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H
21	SEM II	080221203 - PR	T8569	Architectural Graphics Skills II	60	CO1	To learn the terminology used and the fundamentals of drawing perspective views.	Strong-H	Strong-H	Weak-L	Moderate-M	Weak-L	Weak-L	Strong-H
21					60	CO2	To understand the principles and applications of one, two and three-point perspectives, isometric and axonometric drawings etc.	Strong-H	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L	Strong-H
21					60	CO3	To understand and apply the principles of sciography (shades and shadows) in different conditions.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H
22	SEM II	080221204 - TUT	T8571	Carpentry and Model Making Workshop	60	CO1	Understand the development of surfaces, scales, tools, solids & models.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H
22					60	CO2	Analyse the development of surfaces, scales, tools, solids & models.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H
22					60	CO3	Apply tthe development of surfaces, scales, tools, solids & models.	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H
23	SEM II	080221205 - TUT	T8572	Basic Design and Visual Arts II	60	CO1	To understand the principles of visual composition and basic design, extension of principles in the third dimension, design of golden ratio, pattern making through motif design, gestalt psychology through tessellation, colour theory and importance of colour in cultures, making of visual narratives through photography, videography and other media.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
23					60	CO2	To analyze the role of visual elements in the third dimension of space making, golden ratio, motif design, tessellation. To analyze the psychological role of colours. To analyze important parameters and elements in narrative design.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
23					60	CO3	To create spaces vis-à-vis elements of design and visual composition, facade design in golden ratio, door design in motif, pavilion design in tessellation, thematic graphical narratives through colours and various multi- media.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
24	SEM II	080221205 - PR	T8572	Basic Design and Visual Arts II	60	CO1	To understand the principles of visual composition and basic design, extension of principles in the third dimension, design of golden ratio, pattern making through motif design, gestalt psychology through tessellation, colour theory and importance of colour in cultures, making of visual narratives through photography, videography and other media.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Weak-L	Strong-H
24					60	CO2	To analyze the role of visual elements in the third dimension of space making, golden ratio, motif design, tessellation. To analyze the psychological role of colours. To analyze important parameters and elements in narrative design.	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
24					60	CO3	To create spaces vis-à-vis elements of design and visual composition, facade design in golden ratio, door design in motif, pavilion design in tessellation, thematic graphical narratives through colours and various multi-media.	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H
25	SEM II	080221206 - PP	T8573	Structural Design System II	60	CO1	Understanding types of stresses & strains, stress strain curve, Elastic constants, Shear Force & Bending moment, theory of bending, bending & shear stress distribution diagram.	Strong-H	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L	Strong-H
25					60	CO2	Analyzing stress strain curve, numericals on stress & strain, numericals on elastic constants, shear force & bending moment for determinate beams, bending & shear stresses.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H
25					60	CO3	Evaluating numericals on stress & strain, shear force & bending moment, bending stresses & shear stresses.	Strong-H	Strong-H	Weak-L	Moderate-M	Strong-H	Moderate-M	Strong-H
26	SEM II	080221207 - PP	T8574	History of Architecture and Culture I	60	CO1	To understand history of civilizations through the examples of Egyptian, Mesopotamian, Greek and Roman civilizations vis-à-vis art/ architecture/ culture	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
26					60	CO2	To analyze architecture of civilizations w.r.t. principles of design and their symbolic centrality to the respective culture	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Weak-L	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Target	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5	PO6	PO7
26					60	CO3	To create analytical drawings of the architectural artefacts understood through CO1 and CO2	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H
27	SEM II	080221208 - PP	T8575	Climatology I	60	CO1	To understand the fundamentals of climatology, its elements & its principles.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
27					60	CO2	To understand the concepts of different climatic zones and their features.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
27					60	CO3	To implement the building elements through passive solar architecture.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
28	SEM II	080221209 - PP	T8576	Environmental Studies II	60	CO1	To understand environment in terms of interaction, semiotics, anthropometrics, ergonomics; to understand environment and behaviour through proxemics, personal space, territoriality, defensibility, group ecology; to understand environment in terms of placemaking through safety, equity for gender, age and culture	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
28					60	CO2	To analyze various factors stated above, their role, their relevance and their workability central to environment and anthropocentrism	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M	Weak-L	Strong-H
28					60	CO3	To make critical observations by exploring various media on aforesaid subjects regarding analysis of environment	Strong-H	Strong-H	Strong-H	Strong-H	Moderate-M	Weak-L	Strong-H
29	SEM II	080221210 - PP	T4005	Integrated Disaster Management	60	CO1	Understanding various types of disasters and its management.	Strong-H	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M
29					60	CO2	Participating actively in disaster management.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M
29					60	CO3	Performing First aid and CPR in an emergency.	Moderate-M	Moderate-M	Strong-H	Moderate-M	Moderate-M	Weak-L	Moderate-M

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