



Annual Quality Assurance Report for Academic Year 2015-2016

Submitted by



SYMBIOSIS
INTERNATIONAL UNIVERSITY
(Established under section 3 of the UGC Act, 1956
vide notification No. F.9-12/2001-U3 Govt. of India)
Re-accredited by NAAC with 'A' grade

Submitted to



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

Table of Contents

Part A

1. Details of the Institution	1
2. IQAC Composition and Activities	4

Part B

Criteria 1	6
Criteria 2	8
Criteria 3	11
Criteria 4	15
Criteria 5	17
Criteria 6	20
Criteria 7	28
Criteria 8	32
Annexure I	33

PART - A

AQAR for the year

1. Details of the Institution

1.1 Name of the Institution

1.2 Address Line 1

Address Line 2

City/Town

State

Pin Code

Institution e-mail address

Contact Number

Name Of the Head of the Institution

Telephone Number with STD code

Mobile Number

Name of IQAC Co-ordinator

Mobile

IQAC e-mail address

1.3 NAAC Track ID

OR

1.4 NAAC Executive Committee No.

1.5 Website address

Web-link of the AQAR

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Validity Period (Years)	Year of Accreditation
1	1st Cycle	A	3.35	5	29/01/2009
2	2nd Cycle	A	3.58	5	19/01/2016
3	3rd Cycle	-	-	0	-/-
4	4th Cycle	-	-	0	-/-

1.7 Date of Establishment of IQAC DD/MM/YYYY

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

i. AQAR 2014-2015 was submitted to NAAC on 17/10/2015

1.9 Institutional Status

University	State <input type="checkbox"/> Central <input type="checkbox"/> Deemed <input checked="" type="checkbox"/> Private <input type="checkbox"/>
Affiliated College	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Constituent Institute & Department	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Autonomous college of UGC	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Regulatory Agency approved Institution	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Bar Council of India Indian Nursing Council All India Council for Technical Education
Type of Institution	Co-education <input checked="" type="checkbox"/> Men <input type="checkbox"/> Women <input type="checkbox"/>
	Urban <input checked="" type="checkbox"/> Rural <input type="checkbox"/> Tribal <input type="checkbox"/>
Financial Status	Grant-in-aid <input type="checkbox"/> UGC 2(f) <input type="checkbox"/> UGC 12B <input type="checkbox"/>
	Grant-in-aid + Self Financing <input type="checkbox"/> Totally Self-financing <input checked="" type="checkbox"/>

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Physical Education)
 TEI (Edu) Engineering Health Science Management

Others (Specify) :

Computer Studies Health & Biomedical Sciences Media, Communication & Design Humanities & Social Sciences

1.11 Name of the Affiliating University (for the Colleges)

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	-
University with Potential for Excellence	-
DST Star Scheme	-
UGC-CPE	-
UGC-Special Assistance Programme	-
UGC-CE	-
UGC-Innovative PG programmes	-
DST-FIST	-
UGC-COP Programmes	-
Any other (Specify)	-

2. IQAC Composition and Activities

2.0 Vice Chancellor	1
2.1 Number of Teachers	8
2.2 Number of Administrative/Technical	3
2.3 Number of students	2
2.4 Number of Management	1
2.5 Number of Alumni	2
2.6 Number of any other stakeholder and community representatives	2
2.7 Number of Employers/ Industrialists	2
2.8 Number of other External Experts	0
2.9 Coordinator	1
2.10 Total Number of members	22
2.11 Number of IQAC meetings held	4
2.12 Number of Quality related meetings with various stakeholders	

Faculty	4
Non-Teaching Staff Students	4
Alumni	4
Others	4
Total	4

2.13 Has IQAC received any funding from UGC during the year?

If YES, mention the amount

2.14 Seminars and Conferences (only quality related)

i) Number of Seminars/Conferences/ Workshops/Symposia

International	1
National	0
State	0
Institution Level	59
Total	60

ii) Themes of Conferences/ Workshops/Symposia (Only Quality Related)

-Microsoft Project Saksham
 -Qualitative Research Methods and New Possibilities
 -Multicultural Education
 -Advance Technology and its applications in Library and Information Center
 -Research Publication with High Impact factor
 -Objective based outcomes in Higher education
 -'Excel' for Research
 -IS Audit
 -Applying Educational Psychology & Experiential Learning Principles to University Teaching
 -Teaching Energizers
 -Use of Advanced Technology in the Classroom
 -Nuances of Research Report Writing: The Layout

2. IQAC Composition and Activities

2.15 Significant Activities and contributions made by IQAC

-IQAC monitored the activities of the Institutes.
 -Conducted training programmes through Symbiosis Teaching & Learning Resource Centre (STLRC) as per the needs of the faculty members.
 -Automated MIS

2.16 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year

Plan of Action	Achievements
<p>-To improvise examination software to help automate few more processes such as creation of BOE subcommittee format, Term end assessment letters, revaluation letters.</p>	<p>- Implemented generation of BOE sub committee format through the Exam on line software viz. Eduwiz. - The term end assessment letters are also generated from Eduwiz. - Major change done in the software for this year was implementation of 10 point CGPA system and changing all the printed reports as well as the process in the software at SIU and institute level.</p>
<p>-Bring in changes in the evaluation pattern for Foreign National students</p>	<p>In process</p>
<p>-To revise some of the questions in OMPI (Outcome Metrics Performance Indicator - A system to evaluate performance of the institutes) questionnaire</p>	<p>- Some questions along with scales are modified and OMPI 2015-2016 is live</p>
<p>-To improve the Academic audit process of SIU programs</p>	<p>-Phase I: academic audits were completed from September 2015 to October 2015. After these visits, academic audit process was modified as per the following details:</p> <ol style="list-style-type: none"> 1. Facility of nomination of faculty members as auditors by their respective directors was introduced. 2. Redundancies (wherever present) in the academic audit forms were removed. 3. Academic audit forms were coded as per ISO 9001 QMS coding system to ensure proper identification. 4. Scope of audit was defined with respect to different categories of academic audit to bring uniformity across SIU. 5. A standard operating procedure (SOP) outlining the process flow was introduced. 6. A new audit form to capture the list of deviations observed across different categories was introduced. <p>After these changes were implemented, the follow-up of academic audit from March 2016 to April 2016 received positive feedback from auditors and well as auditees.</p> <p>Phase II: After the successful execution of Phase I, a committee (Academic Audit Review Committee) was formed Till date, nine meetings of this committee have taken place. This committee will submit its final</p>

	recommendations on or before December 30, 2016. Post these recommendations and their subsequent approval by Hon'ble Vice Chancellor, next round of changes will be accommodated in the academic audit process.
--	--

2.17 Whether the AQAR was placed in statutory body Yes

(If YES : Management : Syndicate : Any other body :

Provide the details of the action taken

The AQAR was approved by Board of Management in meeting held on 07-09-2016 vide Resolution No.A16: BoM : 07.09.2016
--

Criterion - I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added/career oriented programmes
PHD	1	0	1	1
PG	36	0	36	36
UG	24	0	24	24
PG Diploma	15	3	18	18
Advanced Diploma	0	0	0	0
Diploma	10	3	13	13
Certificate	0	0	0	0
Others	0	0	0	0
Total	86	6	92	92
Interdisciplinary	50	0	50	50
Innovative	8	0	8	8

- A unique 'Masters Diploma in Higher Education Andragogy' launched by SIU
- The interdisciplinary 'Post Graduate Program in Analytics' launched by SCMHRD to instill creative thinking in students.
- Need based certificate programmes are offered at Institute/department level

1.2

(i) Flexibility of the Curriculum:

CBCS, Core and Elective

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	89
Trimester	0
Annual	3

1.3 Feedback from stakeholders

	Mode Of Feedback (tick whichever is applicable)		
	Online	Manual	Co-operating Schools
Alumni	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Students	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Parents	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Employers	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Faculty	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- Formal/informal periodic feedback is obtained from students, faculty members, alumni, recruiters and staff
- Necessary revision in course/credit or introduction of new courses/s is recommended to BoS based on the feedback received from various stakeholders

1.4 Whether there is any revision/update of regulation or syllabi ,if yes, mention their salient aspects

- Syllabus is revised regularly based on the suggestions given by academic and Industrial experts. The revisions are made in consonance with the advancement in technology, feedback from stakeholders and industry needs
- Choice Based Credit System (CBCS) was enhanced by introducing few more elective courses in various programmes

1.5 Any new Department/Centre introduced during the year. If yes, give details

-Symbiosis School of Culinary Arts
-Symbiosis School of International Studies
-Department of Analytics at SCMHRD
-Centre for Urban Research at SSE

Criterion - II

2. Teaching, Learning and Evaluation

2.1 Total Number of permanent faculty

Professor	44
Assistant Professor	287
Associate Professor	115
Others	-
Total	446

2.2 Number of permanent faculty with Ph.D.

250

2.3 Number of Faculty Positions Recruited (R) and Vacant (V) during the year

	R	V
Professor	3	38
Associate Professors	17	53
Assistant professor	53	116
Others	-	-
Total	73	207

2.4 Number of faculty

Guest	493
Visiting	1192
Temporary	-

2.5 Faculty participation in conferences and symposia

Number of Faculty	International Level	National Level	State Level
Attended	249	76	4
Presented Papers	176	51	2
Resource Persons	33	76	2

2.6 Innovative processes adopted by the institution in Teaching and Learning

-Participatory approach practiced where in faculty encourage diverse perspective from student during discussion and clarity is brought on to the topic.
-Teaching-learning process is made student centric through innovative teaching methodologies like case studies, role plays, etc
-Students performance is assessed by conducting continuous assessment tests, assignments, projects etc and remedial measures are taken where necessary.
-Experiential learning is promoted through case method teaching, field visits/industrial visits Internships/ Projects.
-Using newspapers to discuss contemporary issues in specific academic contexts.
-Use of Massive Open Online Course (MOOC) courses in few institutes.
-Peer-review process of session plans at certain institutes.
-Interactive pedagogy and continuous assessment and evaluation.

2.7 Total Number of actual teaching days during this academic year

188

2.8 Examination/ Evaluation Reforms initiated by the Institution
(for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- Open book examinations conducted for LL.M examinations
- Conduction of special examination for students participating in sport tournaments at National / Zonal Level.
- Review of answer script - Student are permitted to see their answer script of term end examination in the presence of the course expert. This facility is provided as per request made by the student.
- Multiple evaluative mechanisms employed - Written Test (Tutorial), Quiz, Viva, Presentation, Open Book, Written Assignments
- Simulation-based evaluation for certain courses

2.9 Number of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Studies/Faculty/Curriculum Development workshop

	Numbers	Description
Board of Studies	82	Centralized BOS involves faculty members through sub-committee specialization meetings
Faculty	279	At institute and university level
Curriculum Development Workshop	172	At institutes, faculty members involved in curriculum evaluation

2.10 Average percentage of attendance of students

76.4891

2.11 Course/Programme wise distribution of pass percentage

Title of the Programme	Total Number of students appeared for completion of program	Grade				
		Passed	A %	B %	C %	D %
Undergraduate Program	1934	1501	3.26	41.84	51.30	3.60
Postgraduate Program	2698	2538	1.38	37.98	57.41	3.23

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes

- The IQAC norms enable the faculty to engage in meaningful research, thereby leading to using innovative pedagogy in classroom.
- The IQAC facilitates each teaching faculty in setting the short term and long term goals in various areas such as teaching learning, research, internationalisation and administrative activities.
- IQAC helps in monitoring the curriculum delivery process thereby ensuring balanced course delivery across courses.
- IQAC schedule periodic meetings with faculty and students to maintain quality of teaching learning process and envisage inclusion and exclusion of courses according to the current trends.
- IQAC keeps a track of various processes that have been laid down in achieving specified time bound goals in both teaching and learning activity by conducting review meetings.
- The processes that are conducted in teaching, learning and evaluation are discussed in the IQAC meetings. On acceptance of the ideas by the IQAC members, the same gets initiated and the status being monitored in the next IQAC meeting.
- IQAC conducts minimum 3 meetings on an annual basis wherein teaching learning processes are discussed and deliberated upon. There are built-in mechanisms in the institutional administrative processes to stringently monitor, audit and take necessary corrective action regarding teaching learning experience of faculty members and students.

2.13 Initiatives undertaken towards faculty development

Total :

1035

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher Courses	249
UGC - Faculty Improvement Programme	405
HRD Programmes	2
Orientation Programmes	3
Faculty Exchange Programme	1
Staff Training Conducted by the University	341
Staff Training Conducted by Other Institutions	4
Summer / Winter Schools, Workshops, etc.	6
Others	24

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	312	228	91	318
Technical Staff	114	72	45	148

Criterion - III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- Hosted national and international conferences/seminars, etc.
- Renowned researchers invited and visited SIU as resource persons from abroad
- Created repository of caselets
- Conducted Research & IPR workshops for faculty members to enhance their research skills
- Motivation to faculty members and students by guiding and addressing their problems
- Promoting faculty members for participation in international conferences

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Numbers	1	12	5	3
Outlay in Rs. Lakhs	1.00	38.87	91.30	70.00

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Numbers	9	41	13	2
Outlay in Rs. Lakhs	5.84	11.76	13.80	4.17

3.4 Details on research publications

	International	National	Others
Peer Review Journals	571	401	0
Non-Peer Review Journals	0	0	0
e-Journals	571	401	0
Conference proceedings	41	19	0

3.5 Details on Impact factor of publications

Range	0-1.721
Average	0.514
h-index	17
Nos. in SCOPUS	160

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned (in Lakhs)	Total grant Received (in Lakhs)
Major projects	2015-16	IBM India Pvt. Ltd. Institute for Sustainable Communities, (ISC), USA Reckitt Benckiser Indian Pvt. Ltd., New Delhi UGC-DAE Consortium For	149.16	92.69

		Scientific Research (UGC-DAE CSR) National Remote Sensing Centre DTS Ministry of Textiles		
Minor Projects	2015-16	"Phoenix Mecano India Ltd. British High Commission ,New Delhi Medical Council of India(MCI) Indian Council of medical research (ICMR)"	3.47	2.13

Interdisciplinary Projects	2015-16	-	-	-
Industry sponsored	2015-16	"JAPFA Comfeed Private Limited Advanced Bio-Agro Tech Limited"	34.89	35.02
Projects sponsored by the University/ College	2015-16	Symbiosis International University	222.75	217.05
Students research projects(other than compulsory by the University)	2015-16	Symbiosis International University	2.62	1.84
Any other(Specify)	2015-16	-	0	0

3.7 Number of books published

i) With ISBN No.	18	Chapters in Edited Books	85
ii) Without ISBN No.	0		

3.8 Number of University Departments receiving funds

UGC-SAP	0
CAS	0
DST-FIST	0
DPE	0
DBT Scheme/funds	0

3.9 For colleges

Autonomy	0
CPE	0
DBT Star Scheme	0
INSPIRE	0
CE	0
Any Other (specify)	0

3.10 Revenue generated through consultancy

11.97 (Rs. In lakhs)

3.11 Number of conferences organized by the Institution

Level	Number	Sponsoring Agencies
International	7	- Ministry of External Affairs (MEA) - SIU
National	10	- SIU
State	1	- SIU

University	0	-
College	0	-

3.12 Number of faculty served as experts, chairpersons or resource persons 98

3.13 Number of collaborations

International	31
National	29
Any Other	0

3.14 Number of linkages created during this year

59

3.15 Total budget for research for current year in lakhs

From Funding agency	432.02
From Management of University/College	1,647.83
Total	2079.85

3.16 Number of patents received this year

Type of Patent	Number	
	National	Applied
Granted		0
International	Applied	1
	Granted	0
Commercialised	Applied	0
	Granted	0

3.17 Number of research awards/ recognitions received by faculty and research fellows Of the institute in the year

International	0
National	20
State	3
University	1
Dist	0
College	2
Total	26

3.18 Number of faculty from the Institution

who are Ph. D. Guides	104
and students registered under them	215

3.19 Number of Ph.D. awarded by faculty from the Institution

49

3.20 Number of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF	33
SRF	0
Project Fellows	2
Any other	3

3.21 Number of students Participated in NSS events

University level	State level	National level	International level
0	0	0	0

3.22 Number of students participated in NCC events	University level	State level	National level	International level	
	0	0	0	0	
3.23 Number of Awards won in NSS	University level	State level	National level	International level	
	0	0	0	0	
3.24 Number of Awards won in NCC	University level	State level	National level	International level	
	0	0	0	0	
3.25 Number of Extension activities organized	University forum	College forum	NCC	NSS	Any Other
	66	120	0	0	13

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Street plays for women empowerment
- Established Legal aid clinic to provide aid to needy on case to case basis such as -
 - 1- One prisoner was released from yerwada jail. Established permanent legal aid centre at Yerwada jail for welfare of men and women inmates
 - 2- Awareness camp at Mental Asylum
- Digital Aid Centre to provide aid to local villagers in respect of schemes that are initiated by the government
- Students of SIU participated in Nation wide plastic free campaign under Swachh Bharat Abhiyan
- Food waste and carbon footprint assessment
- Blood donations camp; 200 units of blood was collected
- Anti drug awareness rally; Breast cancer awareness
- Clothes donations to children
- Right to education campaign in slum areas
- Gender Sensitization Programme
- Help to Chennai flood victim in terms of food, goods and other commodities
- Tree plantation drive
- Teaching underprivileged kids

Criterion - IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities

Facilities	Existing	Newly created	Source of Fund	Total
Campus area (in Acres)	468	1.5384	Self	469.5384
Class rooms (in Numbers)	339	0	Self	339
Laboratories (in Numbers)	129	8	Self	137
Seminar Halls (in Numbers)	44	3	Self	47
Number of important equipments purchased (\geq 1-0 lakh) during the current year	545	37	Self	582
Value of the equipment purchased during the year (Rs. in Lakhs)	1,408.00	246.78	Self	1,654.78
Others	13	0	Self	13

4.2 Computerization of administration and library

-All libraries of the university use OPAC through the Integrated Library Automation System Software KOHA / SLIM21 / LibSuite
-Library Gateway Portal to facilitate remote access to e-resources and on-line databases
-Wi-fi facility is available for internet access in all libraries.
-All libraries use bar-code technology for computerized / automated circulation system.
-All in-house activities of acquisition, cataloging, circulation and serial control and administrative tools are computerized.
- Use of computers and software to automate various administrative processes in libraries like Finance and Asset Management which facilitates paperless communications.

4.3 Library services

	Existing		Newly added		Total	
	Number	Value (in Lakhs)	Number	Value (in Lakhs)	Number	Value (in Lakhs)
Text / General Books	241980	1406.26	19878	135.11	261858	1541.37
Reference Books	41095	571.79	5297	113.31	46392	685.1
Journals	522	32.96	104	16.23	626	49.19
e-Journals	50045	0.78	2209	0.56	52254	1.34
Digital Database	71	245.97	8	98.52	79	344.19
CD & Video	12532	43.9	573	3.01	13105	46.91

e-Books	143436	2.76	7245	6.46	150681	9.22
---------	--------	------	------	------	--------	------

4.4 Technology up gradation (overall)

	Existing	Added	Total
Total Computers	4205	607	4812
Computer Labs	71	4	75
Internet (in Mbps)	397	25	422
Browsing Centres	0	0	0
Computer Centres	0	0	0
Office	0	0	0
Departments	0	0	0
Others	0	0	0

4.5 Computer, Internet access, training to teachers and students and any other programme for technology

-Hardware and software Upgradation, B/W Upgradation done in a phased manner to better the existing IT infrastructure
 -Computer and internet access are provided to all teachers and students.
 -All the departments have computer systems with internet access for administrative work. They have access to printers and other peripherals as a networked facility.
 -Each faculty and student is assigned email-ids with internet connection to gain access to various learning resources, databases, e-journals etc.
 -Access to online journals and other e-resources
 -Training in varied domains of teaching learning process is given to all the students and teachers, facilitated and conducted by STLRC, Pune

4.6 Amount spent on maintenance in Rupees lakhs

i) ICT	931.15
ii) Campus Infrastructure and facilities	26,113.49
iii) Equipments	551.61
iv) Others	2,546.10
Total	30,142.36

Criterion - V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

-Directives and policies are set up by the university for the student support services like anti ragging, scholarship/fee concession, grievance redressal, code of conduct, Internal compliance committee, SCOPE
 -IQAC monitors the proper implementation of policies and guidelines by the institutes.
 -Meetings are conducted and current performances with respect to objectives set are discussed along with finalizing future objectives and action plan.
 -IQAC reviews student support services at regular intervals and thereby contribute in enhancing awareness about student support services.

5.2 Efforts made by the institution for tracking the progression

-Majorly all the institutes have various mechanisms to ensure progression of its students like academic records, their contribution in co-curricular and extra-curricular activities, having various committees.
 -Alumni committee and placement committee helps in maintaining the record of recently placed and also of past students as to where they are working.

5.3

a) Total Number of students	<table border="1" style="margin: auto;"> <tr> <td>UG</td> <td style="text-align: center;">8429</td> </tr> <tr> <td>PG</td> <td style="text-align: center;">5537</td> </tr> <tr> <td>Ph.D</td> <td style="text-align: center;">341</td> </tr> <tr> <td>Other</td> <td style="text-align: center;">843</td> </tr> </table>	UG	8429	PG	5537	Ph.D	341	Other	843																
UG	8429																								
PG	5537																								
Ph.D	341																								
Other	843																								
b) Number of students outside the state	8666																								
c) Number of international students	818																								
Men	<table border="1" style="margin: auto;"> <tr> <td style="width: 50%;">Number</td> <td style="width: 50%;">%</td> </tr> <tr> <td style="text-align: center;">8440</td> <td style="text-align: center;">57.15</td> </tr> </table>	Number	%	8440	57.15																				
Number	%																								
8440	57.15																								
Women	<table border="1" style="margin: auto;"> <tr> <td style="width: 50%;">Number</td> <td style="width: 50%;">%</td> </tr> <tr> <td style="text-align: center;">6369</td> <td style="text-align: center;">42.85</td> </tr> </table>	Number	%	6369	42.85																				
Number	%																								
6369	42.85																								
	<table border="1" style="margin: auto;"> <thead> <tr> <th></th> <th>Last Year</th> <th>This Year</th> </tr> </thead> <tbody> <tr> <td>SC</td> <td style="text-align: center;">885</td> <td style="text-align: center;">902</td> </tr> <tr> <td>ST</td> <td style="text-align: center;">247</td> <td style="text-align: center;">269</td> </tr> <tr> <td>General</td> <td style="text-align: center;">12018</td> <td style="text-align: center;">12070</td> </tr> <tr> <td>Differently Abled</td> <td style="text-align: center;">76</td> <td style="text-align: center;">86</td> </tr> <tr> <td>OBC</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Others</td> <td style="text-align: center;">121</td> <td style="text-align: center;">639</td> </tr> <tr> <td>Total</td> <td style="text-align: center;">13317</td> <td style="text-align: center;">13966</td> </tr> </tbody> </table>		Last Year	This Year	SC	885	902	ST	247	269	General	12018	12070	Differently Abled	76	86	OBC	0	0	Others	121	639	Total	13317	13966
	Last Year	This Year																							
SC	885	902																							
ST	247	269																							
General	12018	12070																							
Differently Abled	76	86																							
OBC	0	0																							
Others	121	639																							
Total	13317	13966																							
Demand Ratio	PG 1:60, UG 1:14																								
Dropout (in %)	less than 1%																								

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Support is provided as and when requested by student.

Number of students beneficiaries :

54

NET	3
SET/SLET	0
GATE	6
CAT	0
IAS/IPS etc	0
State PSC	0
UPSC	0
Others	22

5.5 Number of students qualified in these examinations

5.6 Details of student counselling and career guidance

Guidance provided by Programme Incharge, Director or Deputy Director and Guest or Visiting Faculty and also placement head.

Mentor and buddy system also helps in this process.

Number of students benefitted :

8176

5.7 Details of campus placement

Number of Organizations Visited	On Campus		Off Campus
	Number of Students Participated	Number of Students Placed	Number of Students Placed
1247	4120	3769	269

Placement assistance is provided to all eligible students for internships and final placements leading to nearly 100 % placements in all PG institutes with better pay packages and profiles.

5.8 Details of gender sensitization programmes

Gender sensitization is an important aspect that is taken care by way of organizing lectures on related topics, conducting awareness campaigns, sensitizing the students by teaching various courses related to gender issues etc.

5.9 Students Activities

5.9.1 Number of students participated

	State/University Level	National Level	International Level
in Sports, Games and other events	108	286	62
in Cultural	129	103	21

5.9.2 Number of medals /awards won by students

	State/University Level	National Level	International Level
in Sports, Games and other events	0	70	4
in Cultural	0	21	2

5.10 Scholarships and Financial Support

	Number of Students	Amount
Financial support from institution	654	6,48,58,466
Financial support from government	131	1,85,73,374
Financial support from other sources	57	33,62,500
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

	State/University Level	National Level	International Level
Fairs/Exhibitions	15	13	2
Others	21	15	5

5.12 Number of social initiatives undertaken by the students

213

5.13 Major grievances of students (if any) redressed

Grievances redressal mechanism is in place and grievances related to exam, discipline, etc are resolved to the satisfaction of the students

Criterion - VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision

-Promoting international understanding through quality education

Mission

- to inculcate spirit of 'Vasudhaiva Kutumbakam' (the world is one family)
- to contribute towards knowledge generation and dissemination
- to promote ethical and value-based learning
- to foster the spirit of national development
- to inculcate cross cultural sensitization
- to develop global competencies amongst students
- to nurture creativity and encourage entrepreneurship
- to enhance employability and contribute to human resource development
- to promote health and wellness amongst students, staff and community
- to instill sensitivity amongst the youth towards the community and environment
- to produce thought provoking leaders for the society

6.2 Does the Institution has a management Information System

- Management Information System is in place at institute as well as university level.
 - In addition the Administrative Department Information system is also introduced.
 - Faculty Information system captures the data for each faculty
- These systems are online wherein data is fed into the system about the various operations from administration to academics

6.3 Quality improvement strategies adopted by the institution for each of the following

6.3.1 Curriculum Development

- Course rationalization workshops, involving external experts from industry and academia in Board Of Studies, feedback from students, alumni and industry

6.3.2 Teaching and Learning

- Faculty members use social media for student engagement and dissemination of knowledge
- The main strategy is to implement technologies in teaching and learning, it includes simulation, intranet and lab to enhance teaching and learning.
- Technology is used in classrooms such as Online Learning Teaching (OLT) for sharing of reading materials.
- Faculty is encouraged to use innovative teaching pedagogy like Harvard cases, simulations and industrial visits as a part of their teaching learning process.-
- More workshops and simulations are used for practical application
- The innovative pedagogy includes e-learning materials & tools,moot court,simulation games, case study, brainstorming, communication games, workshops, internship etc
- Heads of Departments as well as faculty members are responsible for the curriculum management and for the Assurance of Learning.

6.3.3 Examination and Evaluation

- Bio-metric system deployed in examination department at the entry in the department & at entry in strong room.
- Software provided to the institutes/ departments for converting marks in to grades as per approved revised grading system
- CBCS on 10 point scale implemented from batch 2015
- Generation of exam time table through the software
- Implementation of guidelines prescribed by UGC for conducting written examination for persons with disabilities.
- Intra-institute credits transfer for Under Graduate programmes. Students choose the courses from different discipline/ faculties.
- As a process of internationalization, the credits opted for by the SIU students from foreign universities are reviewed and recommended by SIU and credit waiver is given to students; in the case of the incoming students from foreign universities, corresponding to the courses they choose, they are allowed to carry the credits back to their home university. The credit equivalence is worked out by SCIE.
- Convocation Certificate dispatched to Registered but absent candidates within one week from the date of convocation.

6.3.4 Research and Development

- Addressing research related problems of faculty members and scholars
- Providing need based resources to the faculty members
- Conducting training sessions on research and IP to enhance research awareness and skills of faculty members.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Physical Infrastructure-
- Adequate Student seating capacity in the central library.
 - Personal cabins for research scholars.
 - Cubical sitting facility for individual study.
 - Lounge and discussion area.
 - Separate periodical section (open from 9 AM to 12 PM)
 - Separate Information Resource Section for user (open from 9 AM to 12 PM)
- ICT Infrastructure-
- Computers with internet bandwidth speed 32 Mbps for users.
 - Wi-Fi connectivity in library.
 - Audio visual facility for the user.
 - Use of KOHA library management system through cloud server.
- Innovative Practices-
- Regularly sending press clippings in electronic form in Education, Management and Telecommunication through email to all faculty and SIU libraries.
 - Electronic reference service.

6.3.6 Human Resource Management

- SIU follows a well drafted Human Resources Policy
- Faculty members and staff are treated as an integral part of the Institute and every possible step is taken to address the needs of the faculty/staff
- Teaching and non teaching staff are encouraged to attend FDP / training programs respectively

6.3.7 Faculty and Staff recruitment

- Faculty and Staff recruitment is a centralized process for all departments and institutes of Symbiosis International University
- The process followed for the recruitment of staff and faculty, is as per the specified procedures under the HR manual and conforms to the rules and regulations of the University.

6.3.8 Industry Interaction / Collaboration

- Students along with faculty members visit various corporate and industries
- Simulation exercises are conducted to bring the practical perspective
- Industry experts are part of various committees and involved in various processes of knowledge generation and dissemination.

6.3.9 Admission of Students

- Most of the admission processes are through on-line systems
- All India Entrance Examinations are conducted for UG, PG and PhD admission.

6.4 Welfare schemes for

Teaching

- Medical Insurance (Family floaters- voluntary)
- Annual Health Check up
- Subsidized transport
- Gender sensitization workshops
- Yog Shibir and Meditation Camp
- Faculty members are encouraged to participate in various workshops

Non teaching

- Medical Insurance(Family floaters- voluntary)
- Annual Health Check up
- Subsidized transport
- Yog Shibir
- Gender Sensitization workshops

Students

- Out-bound activities as a part of Induction
- Medical Insurance
- Annual Health Check up
- Subsidized transport facility from campus to city
- Text book hamper / Book-bank Schemes
- Yog Shibir and Meditation Camp

6.5 Total corpus fund generated (Amount Rs. in Cr.)

5

6.6 Whether annual financial audit has been done

Yes

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	-	Yes	SIU
Administrative	No	-	Yes	Internal Audit team

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes	No
For PG Programmes	No

Results are declared in 30 to 45 days. A systematic process is followed as per guidelines issued by SIU COE

6.9 What efforts are made by the University for Examination Reforms?

- As a process of Internationalization the credits taken from foreign universities are accepted.
- Term end examinations are rescheduled for students representing Symbiosis International University in sports.
- Being a unitary university there are no affiliated colleges at Zonal/National/International level.
- The institutes have been given autonomy to design various programmes / courses and also revise the curriculum.
- The term end answer scripts are shown to students of B Tech and M Tech programme. All students can see their answer on following a process.
- Institutes are encouraged to have tie ups with industry and institutes of national importance for research activities.
- Head of the departments have been delegated authority to run respective departments in accordance with the broad guidelines of the university.
- Accountability is ensured through annual performance appraisal reports of the staff and faculty members and Output Matrix Performance Indicators (OMPI) of the institutes.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

6.11 Activities and support from the Alumni Association

- Select alumni are part of various bodies of the institutes like IQAC, Advisory board, etc
- Alumni are invited to various PR Meets that are conducted in different cities across India to address candidates seeking admission. Alumni are also part of the expert panel for the admission process each year.
- Alumni are invited to speak and interact with the students. They also mentor students seeking advice for selecting right specialization and while looking for right kind of job.
- Alumni are part of the evaluation panel for Mock GE-PI exercise which is a pre-placement exercise
- Alumni Meets are conducted every year.

6.12 Activities and support from the Parent - Teacher Association

- Parents are invited during commencement / induction ceremony and their views are taken into consideration during such formal occasions or even in informal communication they have with the Director through e-mails or phones.
- An open door policy is adopted for parents and highest priority is accorded to address their concerns w.r.t. admission, inquiry for hostel, academic progress of their ward or for any other concerns.
- Since a large percentage of students are from out station, no formal PTA has been formulated.

6.13 Development programmes for support staff

- Induction Program - For staff who have newly joined.
- Staff Development Programmes arranged for enhancing the professional skills of the staff. Some of the staff training provided were:
- English language certification
 - Gender sensitisation
 - Instrument on Rumination : Dealing with Emotions
 - Team Play - a fun filled workshop that lets you Experiences of various aspects of team dynamics through participation in theatre/drama based techniques to transform and inspire in your working life.
 - "Work Preference Schedule" instrument is to get a profile of a respondent's four psychological needs as reflected in the choice of occupations.
 - Training Workshop on 'Quality at Work' for Non Teaching
 - Book Review session - "The One Minute Manager"
- All staff members are encouraged to attend these Development programs in their area of interest and profile.
- All support staff are trained in soft skills,use of software such as Excel, Ms Word, ERP tools
- Librarians are trained in use of KOHA software.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Few key initiatives carried out on the campus are:
- Energy Conservation

An initiative to replace tube lights by CFL. The CFLs will eventually be replaced with LED lights. Natural lighting is given high preference and used to the maximum extent possible. Due care is taken to ensure that all the rooms are well ventilated.

- Use of Renewable energy

Solar water heaters are installed on the hostel block rooftop. They provide hot water for bathing purpose to the students.

- Carbon Neutrality

This campus is a NO VEHICLE campus for students. This has been done in order to reduce the carbon emission from vehicles. An adequate number of buses to facilitate student commute have been provided.

- Plantation

An effort is made to maximize the foliage on campus within the possible space. This can be seen from the amount of greenery on campus. Trees and shrubs have been planted all along the frontage of the campus. The campus also has number of potted plants which beautify all the buildings.

- Disposal of Hazardous material

SIU and its constituents do not generate any hazardous waste.

- E-waste Management

Various institutes dispose its e-waste through e-Recyclers agencies which has been authorized by GOI for disposal of e-waste. These agencies purchase the e-waste by paying for it and in addition give a certificate on e waste disposal.

- Arrangements for Garbage disposal from the Campuses

(a) Separate garbage dumping areas are nominated for dry/wet/garden wastes.

(b) The dry and wet garbage is collected by authorized vendors.

- Awareness

A number of initiatives have been taken to enhance the sense of environmental awareness among students and faculty.

- There are core and elective courses focused on improving awareness about sustainability and livelihood initiatives

- Students have undertaken a campus sustainability study under the guidance of faculty.

- Students are encouraged to take part in competitions that are based on the theme of environmental awareness

- Zero Wastage Day initiative by the students to create awareness on food wastage. Canteen Committee for reduction of food waste

- Nationwide Plastic Garbage Free Pune Campaign

The Plastic Garbage free Pune campaign was part of Swatch Bharat and Clean Pune Drive initiated by Indian Prime Minister Mr. Narendra Modi and supported by Pune Municipal Corporation and various educational Institutions throughout India. 13th February 2016, was the day announced by the then Union Environment Minister Mr. Prakash Javadekar to kickstart the project. Symbiosis International University also joined the environmental cause.

- Kirloskar Vasundhara International Film Festival (KVIFF) & SCMS-PUNE Ecorangers

SCMS, Pune is a part of 10th Kirloskar Vasundhara International Film Festival (KVIFF). On 7th January 2016, as a part of this festival, films were screened in audio visual room of SCMS, Pune on wildlife, environment, energy, air and water to sensitize the audience on the various environmental issues.

Criterion - VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

Innovation 1:

Symbiosis Center of Yoga

Trigger for Innovation:

When the Prime Minister of India spoke at the United Nations General Assembly on 27 September, 2014, urging the world community to adopt an international day of yoga, as a health conscious University, we planned to give an unprecedented response. On December 11, 2014, the 193-member United Nations General Assembly approved the proposal by consensus with a record 177 co-sponsoring countries. The community of nations responded as one. This is a big event in the history of UN. SIU is a premier University, thriving on Passion and Innovation, and this was our time to respond by creating a unique Centre that would explore, induce & promote the practice of Yoga.

The Innovative Solution: Establishment of Symbiosis Center for Yoga (SCY)

Symbiosis has a proven track record in the field of education with management education being its flagship. With changing times, Symbiosis diversified into other education arenas like computers, law, information technology, Geo-informatics, etc. Health Sciences are yet another need based domain which Symbiosis has tapped. Given the paradigm shift which the health care sector is experiencing, Health Sciences probably represent the most ideal field for Symbiosis to innovate. There are ample opportunities which this field presents by way of research & practices. With this vision the Symbiosis Centre for Yoga was constituted under the Faculty of Health Sciences

Newness/ Originality of the innovative solution:

We have seen Specialized individual Centers of Yoga, but how many mainstream Universities have a dedicated Centre for Yoga? This Centre will create programmes & training platforms for people to learn Yoga. It will also collaborate and bring together various yogic practices to create appreciation of the science behind it rather than following a particular sect.

Nature of Innovation: Educational Programmes

Challenges faced: As it is a new Programme, attracting qualified & trained faculty members will be challenging.

Innovation 2.:

Automation of Admission Processes:

Innovation 2:

Trigger for Innovation:

SIU has many constituent institutes. Students have to undergo a single entrance test but Institute applications are different. During the admissions process students were required to register separately for separate institutions. This was time consuming. The approval of results & merit lists was done manually. After cancellation of admission refund of fees is done as per rules.

The Innovative Solution

Complete automation of Admission process through online processes by candidates, Institute and University was achieved.

- Parallel processing of receiving AND OMR sheet scanning. This has reduced the time taken to declare SNAP / SET results

- Single window for SET registrations in place of multiple registrations across institute websites. This makes the

Criterion - VII

7. Innovations and Best Practices

registration process less cumbersome for the candidates and creates a professional outlook towards SIU.
 - Faster turnaround for shortlist and merit list approvals. This ensures that the institutes display the lists on time and ensures better dialogue between SIU and institutes.
 - Automation of SNAP / SET result verification prior to display. This ensures 100% accuracy.

Newness/ Originality of the innovative solution:End to End automation of admissions process

Nature of Innovation :Process Innovation

Challenges faced:

Collaborating with all Institutes and incorporating their requirements proved challenging. The vendor had to be motivated to bring in best solutions.

Some of the other best practices are-

-All Institutes started following the MIS(Management Information System)/FIS (Faculty Information system) system and administrative departments are following Department Information system (DIS). This gave the Quality Assurance cell timely information to be forwarded to top management.

-Started Online Leave Portal for Students- A portal was created for the online leave application for students. This has reduced the efforts and time spent by the students for seeking permission for leave.

- Streamlined the internal assessments schedule.Dedicated weeks were allocated for Class tests, Online Tests and assignments. This gave students proper time duration in between the components of evaluations. Timely feedback of their performance could also be rendered.

- Improved class participation-Faculty started choosing a student/students using the cold call software to present the case facts and do the case analysis. Since the software chooses the students at random, all students need to come prepared for the case discussion. The use of the cold call software was helpful in improving class participation especially during case discussions

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Plan	Action taken
<p>-To launch new academic programs: Masters in Higher Education Andragogy Diploma and certificate programs</p>	<p>The first batch of MDHEA (Masters Diploma in Higher Education Andragogy) was started from August 2015. The programme includes two semesters having four modules each. The modules are -</p> <ul style="list-style-type: none"> - Evolution of Higher Education in India: Policies and Challenges - Strategies for teaching adults - Instructional Systems Design for Higher Education - Reflective Teaching Portfolio (Discipline-specific) - TechnoPedagogy: Teaching with Technology - Learner assessment in higher education - Leadership & Administration of Higher Education Institutions - Action-Research portfolio (Discipline-Specific) <p>The program aims at encouraging higher education teachers to capitalize upon research-informed strategies in planning, developing and delivering learning programmes. The program has adopted a blended-learning approach including periodic</p>

Criterion - VII

7. Innovations and Best Practices

	face-to-face sessions, online delivery of content, and self-learning, affording learners with some element of control over time, place and pace. At the end of the programme
-To initiate programs in health Skill sector in line with the national policy	Healthcare Sector Skill Council(HSSC) has approved SIHS (under Faculty of Biomedical & health Sciences SIU) as a recognized training institute for various skill based programmes and SIHS has launched programmes for following job roles: -General Duty Assistant (GDA) - Home Health Aid (HHA) - Diabetes Educator (DE) - Diet Assistant - Dental Assistant - Emergency Medical Technician - Basic (EMT-B)
-To organize International Relations Conference 2015 - Link West : India and the Gulf	-3rd International Relations Conference titled - Link West India and the Gulf, was organized by the Symbiosis School of International Studies at Pune, India on 10 October 2015. The Vice President of India Shri.M Hamid Ansari reiterated the importance of the Gulf and the pressing need for peace and stability in this region and the consequences for India -The Honorable Minister of Petroleum and Natural Gas, Shri Dharmendra Pradhan also graced the occasion with his presence and his speech focused on maintaining Indias energy security.
-To set up incubation cell for Entrepreneurs	Incubation Centre Progress - 2015-16 -Incubation infrastructure including fully furnished office, conference room, power supply, telecom lines and hi-speed internet facility has been made available for Incubation Centre. -Staff required for the operation of Incubation Center has been identified. -Faculty resources needed for guidance to the companies/entities selected for incubation have been earmarked and identified based on their experience and expertise.
-To improvise examination software to help automate few more processes such as creation of BOE subcommittee format, Term end assessment letters, reevaluation letters.	- Implemented generation of BOE sub committee format through the Exam on line software viz. Eduwiz. - The term end assessment letters are also generated from Eduwiz. - Major change done in the software for this year was implementation of 10 point CGPA system and changing all the printed reports as well as the process in the software at SIU and institute level.
-Bring in changes in the evaluation pattern for Foreign National students	-This work is in progress
-To revise some of the questions in OMPI questionnaire	-Some questions along with scales are modified and OMPI 2015-2016 is live
-To improve the Academic Audit process of SIU programs	Phase I: -Facility of nomination of faculty members as auditors by their respective directors was introduced. -Redundancies (wherever present) in the academic

Criterion - VII

7. Innovations and Best Practices

	audit forms were removed. - Academic audit forms were coded as per ISO 9001 QMS coding system to ensure proper identification. -Scope of audit was defined with respect to different categories of academic audit to bring uniformity across SIU. Phase II: Academic Audit Review committee was formed
--	---

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

Best Practice 1

1) Title of the Practice:

Academic Audit

2) Objectives of the Practice (Academic Audit):

1. To promote academic excellence by improving academic processes.
2. To comply with the academic norms of Symbiosis International University (SIU)

3) The Context:

The Academic Audit, is a peer review process including a self-study and a site visit by peers from outside the institution but within SIU. This process emphasizes self-reflection and self-improvement. The purpose of an academic audit is to encourage departments/ constituent institutes to evaluate their education quality processes the key faculty activities required to produce, assure, and regularly improve the quality of teaching and learning.

An academic audit asks how faculty approach educational decision-making and how they organize their work, using the resources available to them and working collegially to provide a quality education in the best interests of the discipline and student learning.

4) The Practice:

The Academic audit of constituents & Departments of SIU (Institutes) is facilitated by Academic department twice in Academic year (semester wise).

The execution of Audit is done by the Academic Audit Team of three or two members (in some cases) (Chairperson + 2 or 1 member)

5) The evidence of success:

The purpose of academic audit is not to be judgmental but to enhance academic excellence. The auditors produce a report that describes the strengths and weaknesses of the auditees efforts to improve academic quality of their programmes and identify plans for improvements.

The main Components of the report are:

Innovative practices observed which are followed by constituents & Departments of SIU (Institutes) and Deviations observed during audit.

Compliance report of the deviations observed during previous audit cycle which recognise improvements, the auditee is already making

6) Problems Encountered and Resources Required:

Presently audit focuses on procedural elements but in future audit should encompass all indicators of quality which includes Teaching learning processes, assessment of the outer and allied processes

Best practice 2 :

1) Title of the Practice:

Technology integrated Teaching, Learning and Evaluation Process.

2) Objectives:

1. To move away from the traditional chalk and talk teaching method to a pedagogy that makes use of technology at all stages in the learning process.
2. To transform the students from passive listeners to active participants in the teaching learning process.
3. To provide a holistic learning experience to the students by developing their analytical and problem solving skills.

3) Context:

Institutes initiated this practice in the context of the penetration of technology into all aspects of student life. This practice reinforces the potential of technology in making the teaching-learning process more interactive and applied.

4) The Practice:

This is a comprehensive practice which ensures the use of technology in all aspects of the teaching-learning and evaluation process. Technology integration starts at the Pre Induction programme level and continues till the completion of the evaluation process.

This practice includes the use of the following tools in Teaching ,Learning and Evaluation:

1. Online Pre Induction Programme
2. Harvard Business School Cases and Simulation
3. Moodle Learning Management System
4. Inclusion of Technology related Courses in the Curriculum
5. Online Learning and Teaching (OLT) Software
6. In House Cold Call Software
7. Eduwiz software for relative grading of students.

5) Evidence of Success:

Through this practice we could progress from sporadic use of technology to continuous and comprehensive use of technology throughout the Teaching, Learning and Evaluation Process.

6) Problems Encountered:

1. Continuous learning was required to keep up with the changing trends in the field of technology.
2. Use of different technology related tools was required to diversify the teaching pedagogy.

7.4 Contribution to environmental awareness / protection

The Symbiosis Centre for Waste Management and Sustainability (SCWMS) actively strives towards impactful activities.

- Approval letter from PMC was obtained for 4 projects (given below). These projects are to be carried out in step wise manner.

- 1) EIA of 25 existing biogas plants in PMC area

- 2) Reviving of vermicomposting plants in some select residential apartments and awareness creation
- 3) Training to MSW management personnel of PMC
- 4) Supply chain tracking of Ghanta (Bell) vehicles in some select areas

- All the 4 biogas plants across SIU campuses were made functional. 4 Sewage Treatment Plants were also maintained through AMCs. Significant cost reduction (roughly 40-50%) was done during the AMC period of 4 biogas and 4 STPs across SIU campuses.

- Placement of the pair of waste bins in campuses.

- Feasibility studies for Biogas plant at Nashik is ready.

- High end validation survey of 76 prabags of Pune city has started in collaboration with PMC, Pune, Gokhale Institute of Politics and Economics (GIPE) and Centre for Ecology and Environment (CEE), Pune

- SCWMS plans to initiate research work on life cycle analysis of anaerobic digestion of food waste, to play an advisory role for the maintenance of biogas plants and STPs across SIU campuses, to procure waste management and sustainability related projects from corporates/ govt. agencies, to create state-of-the-art facilities in SCWMS, and to create awareness among students of SIU through lecturing in induction programme

Apart from the SCWMS, institutes have continued their efforts in education, training initiatives for environment consciousness & sustainability:

1. Faculty members and the students have participated in the Plastic Free Waste Campaign organized by the Pune Municipal Corporation on 13th February 2016.
2. They also participated in Seminar on Current issues in Environmental law held on 29th August 2015 at ILS Law College.
3. Lecture by Prof Puroshottam Reddy was arranged on 29th August 2015- "Livable Planet - Environmentalism, Development and Legal Regimes" an eminent social activist and winner of Justice Kuldeep Singh award.
4. A Lecture on Role of Religions for the protection of environment by Dr. Tara Prasad Sapkota, Tribhuvan University, Kathmandu Nepal was organised
5. Workshop was hosted on "Each day is Environment day" to sensitize students and staff.
6. Energy & Environment Conclave (ENECON-2015) was conducted in academic year 2015-16, with trust area of pioneering the green shift and Philanthropy to CSR to Citizenship. Eminent speakers were Mr. Rajandra Shende, Chairman TERRE Policy, and Ex-Director of UNEP, Mr. Vikramjit Singh, Deputy Secretary, Ministry of Power, Mr. Naveen Kumar, Executive Director, Power Finance Corporation, Mr. Kannan Nallatambi Head-Clean Power Technology & Applied Research, TATA Power, Mr. Harit Soni Co-founder & Director, Ecolibrium Energy, Mr. Ramchandra Rane, Sr. General Manager, Business Excellence Cell Mahindra Sanyo and Dr. Vinitaa Apte, President TEERE Policy Centre.
7. Students participated in The Mutha River Walk which aimed to educate on the importance, course and the historic roots of the river and the life that existed around it.
8. Students participated in Kirloskar Vasundhara International Film Festival (KVIFF) on wildlife, environment, energy, air and water. Students worked on E-Waste and especially regarding reducing energy consumption.
9. A course titled 'Society, Environment and Design' is conducted for the first year students
10. Plantastic, a student initiative to promote greenery in Vimanangar area. Students emphasized on the need for a green environment by encouraging faculty and students to grow or adopt plants including herbs. Students also participated in an indigenous reforestation project in southern India through the organisation Sadhana Forest India which is based in Auroville, Tamil Nadu. The project aimed at water conservation, reforestation

and community building. Students worked together with local populations and people from around the world in order to achieve this endeavor.

11. A cleanliness drive was organized in Nande village on 26th January. Awareness program for students of Zila Parishad school on personal hygiene and cleanliness of surroundings was conducted.

12. Survey of waste disposal on various campuses was conducted with the help of students

13. Green Ganesha Idol making Workshop was conducted on 09 Sep 2015. During the auspicious festival of Ganesh Chaturti and Visarjan, thousands of idols are immersed in the river, neglecting its adverse effects on water-eco system. NGO ECA conducted a training workshop to teach students to make Ganesha idols using white clay. This material will dissolve easily within a few days of immersion in water, unlike POP (Plaster of Paris), cement or plastics. Students decorated and used their self-prepared Ganesha Idol for celebrations.

7.5 Whether environmental audit was conducted?

No

- Many Institutes undergo Green audit / Energy Audit through an external agency.
- At SIMS Environmental Audit was conducted as a part of ISO Audit.

7.6 Any other relevant information

SWOT Analysis	Strength	<ul style="list-style-type: none"> - Industry driven academic program structure with the recognition being a leading provider of knowledge driven, industry ready curriculum that can accelerate the productivity and career progression of our students. - Faculty members with the right mix of industry and academic experience and expertise. - Keen interest to explore, plan and conduct diversified research. - Various collaborative programmes with several International Universities
	Weakness	<ul style="list-style-type: none"> - Insufficient Management Development and Consulting projects - Not sufficient funded research projects
	Opportunity	<ul style="list-style-type: none"> - Expansion in other states - Tie-up with industry for creation of industry specific programmes. - Inter-institutional research collaboration and therefore interdisciplinary research - Rapid changes in IT and introduction of online courses by reputed international B-schools may make the current classroom based academic systems less attractive in times to come, but there also lies an opportunity to develop modular /flip learning systems
	Threat/Challenges	<ul style="list-style-type: none"> - Many corporate houses creating their own universities - Countrywide declining trend of students for MBA programmes

Annexure I

Abbreviations:

CAS - Career Advanced Scheme
CAT - Common Admission Test
CBCS - Choice Based Credit System
CE - Centre for Excellence
COP - Career Oriented Programme
CPE - College with Potential for Excellence
DPE - Department with Potential for Excellence
GATE - Graduate Aptitude Test
NET - National Eligibility Test
PEI - Physical Education Institution
SAP - Special Assistance Programme
SF - Self Financing
SLET - State Level Eligibility Test
TEI - Teacher Education Institution
UPE - University with Potential Excellence
UPSC - Union Public Service Commission
