



# SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

(Established under section 3 of the UGC Act, 1956)

Re-accredited by NAAC with 'A++' Grade | Awarded Category - I by UGC

Founder: Prof. Dr. S. B. Mujumdar, M. Sc., Ph. D. (Awarded Padma Bhushan and Padma Shri by President of India)

## External Funded Research Projects (Non-Government)

Sr. No.	Faculty Name	Institute Name	Year	Name of project	Name of Funding Agency
1	Dr. Santosh S Koratkar	SSBS	2021-2022	Microbiological analysis of our product- VETBLOOD Collection Bag	Novoco Research Lab Pvt. Ltd.
2	Dr. Vinay Rale & Dr. Atul Kulkarni	SCNN	2021-2022	Development of ZINC Nanostructures and its Bioavailability Studies for Poultry Applications	Optima Life Sciences Pvt. Ltd.
3	Dr. Ketan Kotecha	SIT - Pune	2021-2022	Industry – Inspired Transnational Education in Artificial Intelligence / Machine Learning	Aston University
4	Dr. Kanchan Patil	SCIT	2021-2022	ISACA (Information Systems Audit And Control Association)	ISACA (Information Systems Audit And Control Association)
5	Dr. Anita Patankar	SSLA - Pune	2021-2022	UKIERI Study in India, Bournemouth University, UK Through EDCIL (INDIA) LIMITED	Bournemouth University, UK
6	Dr. Girish Kumthekar	SUHRC	2021-2022	Renown Clinical services	Renown Clinical services
7	Dr. Shashikala Gurpur	SLS - Pune	2021-2022	ERASMUS+CBHE action CCP_Law-Carriculum Development in Climate change policy.	ERASMUS Project - DAI HOC HUE University, Vietnam
8	Dr. Shashikala Gurpur	SLS - Pune	2021-2022	ERAMUS ++Capacity Building in the field of Higher education -Teacher training with specialization on life and information technology skills/21st IS.	University of Ioannina, Greece for Erasmus Project
9	Ms Shivali Lawale	SSIS	2021-2022	European Education and Culture Executive Agency (EACEA), Brussels, Belgium for EUHSP project	European Education and Culture Executive Agency (EACEA), Brussels, Belgium
10	Dr. Anibun Sur	SIT - Pune	2021-2022	Experimental Analysis of solar collector and Thermal storage for smart portable milk pasteurization system	ISHRAE-Pune Chapter
11	Shanti Shanker, Edwin van Teijlingen, Dr. Anita Patankar	SSLA - Pune	2021-2022	To Support cutting-edge research that addresses the challenges of economic development and well being faced by developing countries on the Organisation for Economic Co-Operation & Development	Bournemouth University Higher Education Corporation



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12	Ms. Shivali Lawale	SSIS	2021-2022	Impact of the Pandemic on Mental Health of the Youth in India	IIFL Wealth Management Ltd.
13	Ms. Shivali Lawale	SSIS	2021-2022	Achieving \$5 Trillion Economy of India : Opportunities and Challenges	IIFL Wealth Management Ltd.
14	Ms. Shivali Lawale	SSIS	2021-2022	Competition, Convergence and Multi Alignment: Shaping India's Foreign Policy for the Next Decade	Wealth Managers(India) Pvt Ltd
15	Dr. Jyoti Chandiramani	SSE - Pune	2022-2023	For carrying out household survey in Navi Mumbai as part of "Primary Health care services in urban India : Assessment of Governance, Institutional and Financing Challenges"	NIUA- Unisef- National Institute of Urban Affairs
16	Dr. Anirban Sur Dr. Anindita Roy Mr. Rushikesh Jagannath Boche	SIT - Pune	2022-2023	A portable renewable and thermal energy storage couple powered low running cost cold storage solution for farmer	ISHRAE
17	Dr. Anirban Sur Dr. Anindita Roy Mr. Rushikesh Jagannath Boche	SIT - Pune	2022-2023	Development of Lightweight Lattice heat exchanger and phase change material- based external cooling battery thermal management system for 4 wheeler	Dassault System Foundation
18	Dr. Sharvari Shukla	SSI	2022-2023	Feasibility of Developing an Open-Source Analytical Platform for Electronic Health Record in India	Harvard Global Research Support, India
19	Dr. Shashikala Gurpur	SLS - Pune	2022-2023	EU Climate Justice Law, Governance, Management and Policy	European Education and Culture Executive Agency, Sofia University
20	Dr. Arti Muley,	SIHS	2022-2023	Effects of Continuous Calorie Restricted Diet versus Time Restricted Intermittent Fasting Diet on the Glycemic Variability, Cardio-metabolic Markers and Quality of Life in Individuals with Type 2 Diabetes Mellitus: A Randomized Crossover Clinical Trial	Research Society for the study of Diabetes in India (RSSDI),
21	Dr. Anandita Roy	SIT, Pune	2023-2024	Course Development on - Applied Green Hydrogen Systems - Modelling and Plant Engineering.	Dassault Systemes Foundation
22	Dr. Rahee Walambe	SIT, Pune	2023-2024	Framework for Explainable Computer Vision Tasks for Drone Imagery	Dassault Systemes Foundation



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23	Dr.Ejaj K Pathan	SSBS	2023-2024	Morphological modelling of Aspergillusniger for Citric Acid Production	Emsurg Health Care (India) Pvt. Ltd.
24	Dr.Atul Kulkarni	SCNN	2023-2024	Synthesis and Feasibility study of chitosan - Metal Nanacomposite and carbon nanossheres for poultry / swine application	Chemsai Organic Pvt. Ltd.
25	Dr.Atul Kulkarni	SCNN	2023-2024	Feasibility Study of Chitosan nanoparticles and their derivatives for anti-coccidial drug/s Delivery	Immeureka Animal Health Pvt. Ltd.
26	Dr.Santosh Koratkar	SSBS	2023-2024	Qualitative and Quantitative Evaluation of SARS-COV-2, Dengue, Chikungunya, Influenza, and Respiratory Syncytial Virus (RSV) in Wastewater from the Pune Region of Maharashtra	Pune Knowledge Cluster Foundation
27	Dr.Chandrakant Sonawane (PI) Dr.Ketan Kotecha (Co-PI)	SIT, Pune	2024-2025	Deep Learning for Renewable Energy: CNN Image Processing in PV Power Plants (AED 20,000.00)	United Arab Emirates University, UAE
28	Dr. Sayali Sandbhore (PI) Dr.Sayali Apte (Co-PI)	SIT, Pune	2024-2025	Carbon Sequestration by CO2 infused bio-treated construction and demolition waste reuse-an AI based performance enhancemenet approach (AED 20,000.00)	United Arab Emirates University, UAE
29	Dr.Anand Pandey (PI) Dr.Ketan Kotecha (Co-PI)	SIT, Pune	2024-2025	Capturing CO2 from the satmosphere and converting it into O2 using metal catalytic converter and optimizing using machine learning tools to enhance climate control (AED 20,000.00)	United Arab Emirates University, UAE
30	Dr.Harsh S. Dhiman (PI) Dr.Ketan Kotecha (Co-PI)	SIT, Pune	2024-2025	Artificial Intelligence of Things (AIoT) - Based Sustainable Health Solution for Wind Turbine Blades (AED 20,000.00)	United Arab Emirates University, UAE
31	Dr.Paresh Nasikkar (PI) Dr Rahee Walambe (Co-PI) Dr.Ketan Kotecha (Co-PI)	SIT, Pune	2024-2025	Development of a Low-cost Solution for Detection of Structural Defects and Degradation of Solar Photovoltaic Modules (AED 20,000.00)	United Arab Emirates University, UAE



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32	Mr. Kuldeep Mishra(PI), Mr. Anirban Sur(Co-Pi), Mr Vijaykumar Jatti(Co-Pi)	SIT, Pune	2024-2025	Recycling of Li-ion batteries (LIBs) using novel green Deep Eutectic Solvents (DESS)	Dassault Systemes Foundation's
33	Dr.Sayali Apte Madam (PI) Dr. Sayali Sandbhor (Co-PI)	SIT, Pune	2024-2025	Decentralized water treatment system with in-situ chlorine disinfection for rural and remote population	Dassault Systemes Foundation's
34	Dr.Abhishek Roy (PI) Ms.Dhara Shah (Co-PI)	SCRMCI, Pune	2024-2025	Hide and Seek : Locating the Agency and Power of Archivists in the Neoliberalist Structures of Audio-Visual Archives in India. ( Euro 3125)	The Fédération Internationale des Archives de Télévision - International Federation of Television Archives (FIAT/IFTA)
35	Dr Manikprabhu Dhanorkar	SCWRM	2024-2025	The Tech camp will engage 40 professionals from diverse backgrounds in western India, to catalyze innovative solutions and foster regional collaboration to improve waste management in Maharashtra. (\$99,984.42 USD @ INR 83.94 Approx on 06.08.2024)	U.S. Department of State FEDERAL ASSISTANCE AWARD
36	Dr.Pooja Singh	SCWRM	2024-2025	Development of a Duckweed based low-cost high Protien Poultry Feed	Immeureka Animal Health Pvt. Ltd.