



SYMBIOSIS INSTITUTE OF TECHNOLOGY, PUNE

Constituent of Symbiosis International (Deemed University),
Pune

Department of Civil Engineering Summary of Sponsored Research Projects A.Y. 2020-21, 2021-22, 2022-23

Sr. No	Name of the Investigators	Project title	Funding agencies	Amount (Lakhs)	Period/ Duration
1	Dr Kanchan Khare (PI) Ms. Mugdha K. (CO-PI)	EU-India Horizon 2020 call PAVITR Potential and Validation of Sustainable Natural & Advance Technologies for Water & Wastewater Treatment, Monitoring and Safe Water Reuse in India	Department of Science and Technology	79.04	2019-2023
2	Dr Sayali Sandbhor	Major Project: Bacterial Concrete [‘Analysis of behavior of Bacterial Concrete in Different Mix Designs’ – Funding of INR 9,68,800/-, sanctioned on 28th March 2019 by Symbiosis International]	Symbiosis Center for Research and Innovation	9.68	2019-2023
3	Dr Sayali Apte	Minor Project: Experimental investigation of electric vehicle battery waste on soil and leachate characteristics	Symbiosis Center for Research and Innovation	1.5	2020-2023
4	Prof. Rushikesh Kulkarni and Dr. Sayali Sandbhor	AICTE Amrut Sarovar Internship	AICTE and MoHUA	2	2022-23
5	Dr. Sayali Sandbhor and Ms. Shalaka Hire, Senior Research Fellow	Commonwealth Scholarship	British Council, UK	40	2021-2024
6	Dr. T. P Singh	Development of Drought Monitoring in India (As PI) Funded by DST, Govt. of India	Department of Science & Technology, India	29.97	2016-2020
Total amount: Rs 1, 62, 15, 000/-					



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Year-wise Sponsored Research Projects

Year 2016

Sr. No	Name of the Project	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Year of Award	Funds provided (INR in lakhs)
1	Development of Draught Monitoring System in India	Dr Tarun P. Singh	DST	Government	2016	29.978

Year 2018

Sr.No	Name of the Project	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Year of Award	Funds provided (INR in lakhs)
1	Assessment on hydraulic performance of composite seawall for coastal protection	Mrs. Vaishnavi Dabir	SIU-SCRI	Non-Government	2018	1.5
2	Evaluation of Pollutant loading in Stormwater runoff from a mixed Urban catchment : A case study of Pune	Mrs. Mugdha Kshirsagar	SIU-SCRI	Non-Government	2018	1.5



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Year 2019**

Sr. No	Name of the Project	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Year of Award	Funds provided (INR in lakhs)
1	EU-India Horizon 2020 call PAVITR Potential and Validation of Sustainable Natural & Advance Technologies for Water & Wastewater Treatment, Monitoring and Safe Water Reuse in India	Dr Kanchan Khare (PI) Ms. Mugdha K. (CO-PI)	Department of Science and Technology	Government	2019 (ongoing)	79.04
2	Analysis of behaviour of Bacterial Concrete in Different Mix Designs	Dr. Sayali Sandbhor	SIU-SCRI	Non-Government	2019 (ongoing)	9.688

Year 2020

Sr.No	Name of the Project	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Year of Award	Funds provided (INR in lakhs)
1	Experimental investigation of electric vehicle battery waste on soil and leachate characteristics	Dr Sayali Apte - PI Preeti Mishra Co-PI	SIU-SCRI	Non- Government	2020	1.5

Year 2021

Sr.No	Name of the Project	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Year of Award	Funds provided (INR in lakhs)
1	Commonwealth Scholarship	Dr. Sayali Sandbhor and Ms. Shalaka	British Council, UK	Government	2021-2024	40



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		Hire, Senior Research Fellow				
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Year 2022

Sr.No	Name of the Project	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Year of Award	Funds provided (INR in lakhs)
1	AICTE Amrut Sarovar Internship	Prof. Rushikesh Kulkarni and Dr. Sayali Sandbhor	AICTE and MoHUA	Government	1	2

Year 2023

Sr.No	Name of the Project	Name of the Principal Investigator/ Co Investigator (if applicable)	Name of the Funding agency	Type (Government/Non-Government)	Year of Award	Funds provided (INR in lakhs)
1	Carbon sequestration by CO2 infused bio-treated construction and demolition waste reuse- An AI based performance enhancement approach	Dr. Sayali Sandbhor and Dr Sayali Apte	United Arab Emirates University	Non-Government	2023	9.05
2	Experimental studies of low density self healing geopolymer concrete	Dr Sanjay Kulkarni and Dr. Sayali Sandbhor	Pune Construction research Foundation(PCERF)	Non-Government	2023	1.85