

Department of Microbiology

Research Projects Undertaken by the Department

Sanctioned Year	Name of the Investigator	Name of the Co-Investigator	Title of the Project	Name of the Funding Agency	Amount in Rs.	Status of Completion
2020 (01/11/2020)	Mr. N. C. Vadnere	Mr. A. N. Vemula	Isolation of Efficient Exopolysaccharide Producing Bacteria and Studies on Its Eco-Friendly Applications	Rashtriya Uchchatar Shiksha Abhiyan, India.	1,00,000/-	Completed (10/10/2022)
2020 (01/11/2020)	Mrs N.P Tidar	-	Isolation and Characterization of Cellulase Producing Bacteria from Various Niches	Rashtriya Uchchatar Shiksha Abhiyan, India.	1,00,000/-	Completed (25/10/2022)
2020 (01/11/2020)	Mrs A.N Gandharkar	Ms. N. R. Garude	Comparative Analysis of Pipe-borne Water and other Sources of water within Panvel City for Human Consumption	Rashtriya Uchchatar Shiksha Abhiyan, India.	1,00,000/-	Completed (01/05/2023)
2022 (03/01/2022)	Mr. A. N. Vemula	-	Production of Cellulose by Isolating Efficient Bacterium & Study its Suitable Application	Seed Money by Institution	17,000/-	Completed (10/01/2023)
2024 (01/01/2024)	Mr. N. C. Vadnere	Mr. A. N. Vemula	Creating Microbial Consortia to Enhance Agricultural Sustainability	Thakur Infrastructure Private Limited	5,30,000/-	Ongoing
2023 (24/12/2022)	Mr. G. S. Sathe	-	Isolation and Characterization of Micro plastic Degrading Microbes from Mansarovar Mangroves and its Potential Use	Rashtriya Uchchatar Shiksha Abhiyan, India	1,05,000/-	Completed (23/09/2023)

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2024 (01/01/2024)	Mrs. N. P. Tidar	Mrs. A. N. Gandharkar	Biodegradation of Feather Waste using Keratinolytic Organisms and its Application in Hydrolysis of Gelatin Layers and its release of Silver Particles from X-ray Films	Thakur Infrastructure Private Limited	3,00,000/-	Ongoing
2024 (01/01/2024)	Mr. G. S. Sathe	-	Isolation and Characterization of Micro Plastic Degrading Microalgae from the Arabian Sea Water for Production of Biopolymer and its Uses	Thakur Infrastructure Private Limited	2,90,000/-	Ongoing
2024 (01/01/2024)	Mr. A. N. Vemula	-	Design and evaluation of low-cost carriers and delivery systems for bio-fertilizer application in diverse agricultural settings	Rashtriya Uchcharat Shiksha Abhiyan, India.	3,50,329/-	Ongoing