



॥ विद्या विनयेन शोभते ॥

Janardan Bhagat Shikshan Prasarak Sanstha's

CHANGU KANA THAKUR

**ARTS, COMMERCE AND SCIENCE COLLEGE, NEW PANVEL
(AUTONOMOUS)**

Re-accredited 'A+' Grade by NAAC (3rd Cycle - CGPA 3.61)

'College with Potential for Excellence' Status Awarded by UGC

'Best College Award' by University of Mumbai

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