



Rayat Shikshan Sanstha's
Karmaveer Bhaurao Patil College Vashi (Empowered Autonomous)
Department of Microbiology

Under Graduate Research Projects

Sr No	Academic Year	Name of the Research Project/ Title of Internship	Name of the student	Addressed Needs (Write local need)	Impact/Outcome
1.	2021-2022	Isolation and characterization of Vitamin C producing Microorganisms from <i>Tilapia</i> fish gut.	Rugved Bharat Babar	Local	Biotechnological Innovations
2.		Isolation and characterization of Vitamin C producing Microorganisms from <i>Tilapia</i> fish gut.	Yash Santosh Nagvekar	Local	Biotechnological Innovations
3.		Isolation, Production And characterization of EPS from microorganisms from Nodules	Nidhi Rajesh Mahale	Local & Regional	Biotechnological Innovations
4.		Isolation, Production And characterisation of EPS from microorganisms from Nodules	Sanjivani Suresh Padwal	Local & Regional	Biotechnological Innovations
5.		Biofuel production by wild yeast from <i>Sapodila</i> fruit	Rujuta Moreshwar Sakpal	Local & Regional	Agricultural Sustainability
6.		Bioethanol production by Yeast from organic jaggery	Yojana Arun Patil	Local & Regional	Agricultural Sustainability
7.		Isolation, Production and characterisation of EPS from microorganisms from Nodules	Abhinav Machhindra Unde	Local & Regional	Agricultural Sustainability
8.		Isolation, Production and characterisation of EPS from microorganisms mangrove soil	Sanskriti Sunil Shinde	Local & Regional	Agricultural Sustainability
9.		Isolation and identification of pesticides degrading bacteria	Trupti Suryakant Mhaske	Local & Regional	Understanding and mitigating environmental impacts

10.		Isolation and identification of pesticides degrading bacteria	Shrutika Satish Khamkar	Local & Regional	Understanding and mitigating environmental impacts
11.		Identification and Isolation of lipase producing bacteria	Priyanka Santosh Bhosale	Local	Biotechnological Innovations
12.		Identification and Isolation of lipase producing bacteria	Pranjal Ramchandra Matne	Local	Biotechnological Innovations
13.	2022-2023	Isolation, Production, Extraction, characterisation and Optimization of EPS by Bacterial Isolate from ETP of MIDC, Navi Mumbai.	Kartikey Jagannath Chavan	Local	Understanding and mitigating environmental impacts
14.		Isolation and characterization of phosphate Solubilizing fungi and screening of their plant growth promoting activity	Prajakta Prasad Ingawle	Regional	Agricultural Sustainability
15.		Isolation, production, Extraction and characterisation of Exopolysaccharide From Chiner Farm sample	Tanuja Balasaheb Pawar	Local	Biotechnological Innovations
16.		Isolation production and applications of pigment producer Microbes From sewage water	Pratik Dnyandev Shinde	Local	Understanding and mitigating environmental impacts
17.		Isolation, production and applications of pigment producer Microbes from chemical effluent.	Ritu Dhanraj Garad	Local	Understanding and mitigating environmental impacts
18.		Isolation, production and applications of pigment producer From Kachrali lake	Mansi Pradip Juvekar	Local	Biotechnological Innovations
19.		Production of Bioplastic from Microbial source	Tanushri Mahesh Shevde	Local	Biotechnological Innovations
20.		Production of Exopolysaccharide From Marine Microbes	Shreya Sarjerao More	Local	Biotechnological Innovations
21.		Investigate Bioactive properties of <i>Senegalia rugata</i> .	Smital Avinash Garud	Local	Biotechnological Innovations