



Shiv Chharapati Shikshan Santha's
Rajarshi Shahu Mahavidyalaya , Latur (Autonomous)

Department of Biotechnology

M.Sc. BT II Year 2025-26

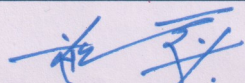
Academic Project Title List

Date: 16/08/2025

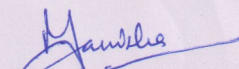
Sr. No	Sr. No	Roll No	Name of the Student	Name of the Supervisor	Title of the Project	Remark
1	1	1	BHOSALE SNEHA SIDDESHWAR	Dr. S.S. Kulkarni	Mycoremediation of Textile Dye wastewater using white-Rot Fungi	
2	2	2	BIRADAR OMKAR VASANT	Dr. M.A. Dhotre	Study of Resistance mechanisms in wheat against rust pathogen	
3	3	3	GAHIRWAR VAISHNAVI HANMANTSING	Dr. R.B. Ade	Prevalence and Functional Impact of CYP2C19 Gene Polymorphisms on Drug Metabolism: Implications for Personalized Medicine in the Indian Population	
4	4	4	GHULE KIRAN MAHADEV	Dr. S.S. Kshirsagar	Synthesis of bacterial cellulose using k. hansenii and its modification for antimicrobial activity	
5	5	5	HAKE ADITYA VENKAT	Dr. S.S. Kulkarni	Valorization of Agricultural waste of rice straw for production of Biometahne	
6	6	6	HAKE NIKITA GOVIND	Dr. M.A. Dhotre	Isolation and characterization of lipase-producing bacteria from oil contaminated soil	
7	7	7	HALKUDE MANSI PANKAJAPPA	Dr. R.B. Ade	Phytochemical investigation and invitrocytotoxic potential of submedital plants	
8	8	8	JADHAV AMIT VIJAYKUMAR	Dr. S.S. Kshirsagar	Development of herbal or probiotic feed additive for disease resistance	
9	9	9	KALAVANT SAGAR KASHINATH	Dr. S.S. Kulkarni	A Comparative Study of Root Systems for Removal of Lead and Cadmium from Industrial Effluents	
10	10	10	KHOT SOPAN KISHAN	Dr. M.A. Dhotre	Isolation, purification and characterization of silk sericin from Bombyx mori	
11	11	11	KOUSIK NISHA ANKUSH	Dr. R.B. Ade	Molecular detection of carbapenem resistant pathogens	
12	12	12	KSHIRSAGAR SWAPNIL DHANRAJ	Dr. S.S. Kshirsagar	Optimization of Bioethanol production from agro-industrial waste	
13	13	13	MALKUDE OMKAR MANAMATHAPPA	Dr. S.S. Kulkarni	Study of Epigenetic approach and expression of Biocontrol-Associated Genes in Trichoderma asperellum T42 under salinity stress	
14	14	14	MORE NIKITA NAGNATH	Dr. M.A. Dhotre	Characterization of Actinobacteria from crop field Rhizospheres:A Genetic and Biochemical Approach	

Sr. No	Sr. No	Roll No	Name of the Student	Name of the Supervisor	Title of the Project	Remark
15	15	15	NAIKWADE KESHAV NETAJI	Dr. R.B. Ade	Cut dip Budding delivery system enables genetic modification in plants without tissue culture	
16	16	16	PARMAR RANI NEGPALSINGH	Dr. S.S. Kshirsagar	Phytochemical screening and antibacterial activity from medicinal plants extract	
17	17	17	PATHAN ARBAJ AJJI	Dr. S.S. Kulkarni	Mushroom Cultivation on Maize Straw Residues for Nutritional Security and Waste Minimization.	
18	18	18	PATIL AKANKSHA MUKUND	Dr. M.A. Dhotre	Molecular resistance of cholistin pathogenes	
19	19	19	PATIL GAYATRI SUHAS	Dr. R.B. Ade	Biodegradation of agricultural waste using enzyme-producing microbes	
20	20	20	RAVIKAR ANKITA CHANDRASHEKHAR	Dr. S.S. Kshirsagar	Bioplastic synthesis from corn, potato, coconot Husk, mushrrrom etc its comparative study	
21	21	21	SHAIKH FARDEEN ASIF	Dr. S.S. Kulkarni	Production of biodiesel from Aphanamayis polystychya	
22	22	22	SHAIKH SADIYA ALIBABA	Dr. M.A. Dhotre	Citric Acid production from Banana peel waste using Fungal fermentation	
23	23	23	SHAIKH SHAFEE HAMID	Dr. R.B. Ade	Evaluation of waste water treatment using microbial consortia	
24	24	24	SHINDE SANDEEP PANDIT	Dr. S.S. Kshirsagar	Isolation characterization and production of Alkaline enzyme from Bacillus species.	
25	25	25	SURWASE SMITA SHIVAJI	Dr. S.S. Kulkarni	Microbial remediation of foul odors from solid waste transfer stations	
26	26	26	TEKALE MAHADEV SHRIMANT	Dr. M.A. Dhotre	Screening and Characterization of Bacterial Strains from Petrol-Contaminated Sites for Potential Use in Biocleanup	
27	27	27	TENKALE NIKITA ASHOK	Dr. R.B. Ade	Analysis of phtochemicals from Neolamarckia cadamba leaves	
28	28	28	WADIKAR SWATI RAM	Dr. S.S. Kshirsagar	Isolation and characterization of methanotrops from different wetlands sites in Maharashtra	
29	29	29	WARWATE SHANTANU SANJAY	Dr. S.S. Kulkarni	Evaluation of Quality Parameters, Stability, and Microbial Contamination in Industrial Lubricants Under QA/QC Protocols	
30	30	30	SHEP NILESH MAHADEV	Dr. M.A. Dhotre	Screening of phytochemical analysis and antimicrobial activity of leat extract and sun nanoparticle form acacia	
31	31	31	GUTTE SURAJ JANARDHAN	Dr. R.B. Ade	Fermentation of Millets using Lactic acid bacterian & Nutritional Producing	
32	32	32	NAIKWADI TANAYA CHANDRAKANT	Dr. S.S. Kshirsagar	Synergistic Integration of enta mopathogenic fungi and Mycorrhizal fungi for enhanced crop productivity and pest control	

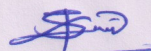
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33	33	33	RATHOD MOHAN RAJABHAU	Dr. S.S. Kulkarni	Protein production from poultry waste for sustainable feed and agriculture used as fertilizers.	
34	34	34	BEMBADE GANESH DNYANESHWAR	Dr. M.A. Dhotre	Development and Optimization of Agrobacterium-Mediated Liquid Biofertilizer	
35	35	35	BIRAJDAR MANGESH GANPATI	Dr. R.B. Ade	Comparative Study of Different Agricultural Residues for Vermicompost Production	



Project Coordinator
Dr. S.S. Kshirsagar

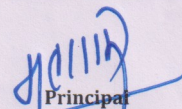


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