

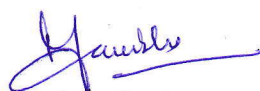


Shiv Chhatrapati Shikshan Sanstha's
RAJARSHI SHAHU MAHAVIDYALAYA , LATUR
(Empowered Autonomous Institution)
DEPARTMENT OF BIOTECHNOLOGY

M.Sc. BT II Yr 2026-27 Academic Project Titles

Sr. No	Name of the Student	Academic Project Title
1	BADAGANE LAXMAN TULSHIRAM	Quality Assessment and Physicochemical Characterization of Soybean Oil from Solvent Extraction to Refining.
2	BHALERAO PRANITA KAMALAKAR	Phytochemical analysis antioxidant and antimicrobial activity of Aphanamaxis polystachya and moringa oleifera leaves with green synthesis of copper nanoparticles
3	BONTE POOJA BALAJI	Production and functional characterization of alkaline protease from compost associated microorganisms
4	BUKATE RUSHIKESH RAJU	Molecular characterization of efficient PSB and functional analysis of phosphate solubilizing mechanism.
5	DADGE MAYURI MANIK	Development of compost enriched biofertilizer using phosphate solubilizing bacteria
6	DASWANTE TEJASHRI DEEPAK	Phytochemical Screening Evaluation of Antioxidant and Antimicrobial Activity of 3 main medicinal plant (Moringa, Alium and Nirgudi) in Marathwada region.
7	DHAYGUDE AKSHATA SHIVAJI	Exploration of Medicinal Plant Extracts (Cinnamomum verum, and Syzygium aromaticum) as Natural Antioxidants and Phyto-Antimicrobials Against Multidrug-Resistant Clinical Pathogens
8	DHAYGUDE SHUBHAM PRAKASH	Genetic variation in sugar cane by using molecular markers
9	KADAM SHRIKRUSHNA UMAKANT	Isolation, Screening, Optimization, Production and Purification of Microbial Lipase followed by Functional Characterization and Evaluation of its Efficiency for Industrial Applications.
10	KASLE RUTUJA DILIP	Phytochemical Screening and Green Synthesis of Silver nanoparticles using Pomegranate (Punica granatum) Peel Extract: Evaluation of Antibacterial and Antioxidant Activity.
11	KONDAMGIRE KRISHNA VYANKAT	Genetic variation in Date palm using molecular marker
12	NALWADE NAGESH DHANRAJ	Development and Preliminary Evaluation of a Bacterial Sample Processing Workflow for Antimicrobial Susceptibility Testing Using ASTSENSE™
13	REDDY OMKAR SHYAMRAO	Isolation, Screening and Characterization of PHA producing Endophytic Bacteria from Datura Metel
14	SAYYAD SADIK MUSTAFA	Optimization of Hormonal Concentration for Multiple Shoot Induction in Pomegranate (Punica granatum L.) — Bhagwa Variety
15	SHINDE KAUSTUBH ANIL	Genetic variation In Banana by using molecular marker

Sr. No	Name of the Student	Academic Project Title
16	SHINDE SAGAR SANJAY	Process optimization of pretreatment and fermentation of sugar cane molasses for maximized bioethanol yield
17	SHUKLA ABHA FATEHBAHADUR	Investigating the therapeutic potential of mirTrons in NSCLC
18	SURVASE ABHISHEK SUDHAKAR	Optimization of oyster species cultivation: The commercial crop of Asia
19	PATIL VAISHNAVI DILIP	Nanoencapsulation of Moringa oleifera Leaf Extract Using Sodium Alginate-Calcium Chloride Nanoparticles for Enhanced Stability and Antioxidant Activity
20	MANE VAIBHAV PRABHAKAR	Phytochemical characterization, antimicrobial and antioxidant activity of caissa tora plant leaves.
21	MOHITE SHUBHAM ANIL	Phytochemical characterization Bioactivity guided isolation, Analytical and mechanistic evaluation of bioactive compounds from Ehretia laevis roxb leaf extract.
22	BHAKRE SHREEDATT ABHIMNYU	In Vitro Regeneration of Musa sp.: Optimizing Culture Media and PGR Concentrations for Enhanced Micropropagation Efficiency
23	RATHOD DNYANESHWARI HARISHING	Isolation, Production, Partial Purification and Characterization of Cellobiohydrolase from Wood-Degrading Fungi.
24	GADADE ANIKET SHANKAR	Bioconversion of dairy effluent for sustainable production of industrially important microbial enzymes
25	WAGHMARE NITIN NIVRUTTI	GC-MS-Based Phytochemical Profiling, Antibacterial Activity and Antibiotic-Potentiating Potential of Turkey Berry (Solanum torvum Sw.) Extracts Against Selected Bacterial Pathogens


Co-ordinator


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