## MANGALORE UNIVERSITY

## Department of Biosciences M.Sc. Microbiology Programme, Mangalagangothri. 1.3.4. Research Projects Work during the year 2022-2024 Batch

SI.	Reg. No.	Name of the Students	Title of the Project	Name of the Guide	Institution
1	P05AZ22S132074	Abhirama N G	"Characterization of Leaf Spot Disease using Morphological and Molecular tools in Areca Nut"	Dr. R. Thava Prakasa Pandian	ICAR-Central Plantation Crops Research Institute, CPCRI Regional Station, Vittal, Karnataka
2	P05AZ22S132057	Akshatha N	"Isolation and Identification of Endophytic Fungi from <i>Moringa Oleifera</i> Leaves"	Dr. Nannu Safakatullah	Mangalore University, Managalagangothri
3	P05AZ22S132063	Akshayaganiga	"Validation of Isolated Antibiotic Resistant Bacterial Taxa for Presence of Genes Coding Biomolecules Responsible for Neurodegeneration"	Dr. Bhagwan Rekadwad	Yenepoya Research Centre, Yenepoya (Deemed to be University), Deralakatte, Mangaluru
4	P05AZ22S132075	Ankitha	"Characterisation of Marine Bacterial from Malpe Sea Water with its Bioactive Potential"	Mrs. Annapoorna	Mangalore University, Managalagangothri
5	P05AZ22S132076	Ashmitha	"Exploring the Adaptation of Uropathogenic Escherichia coli Strains to Urinary Tract and their Antibiotic Resistance Profile"	Dr. Rekha P D	Yenepoya Research Centre, Yenepoya (Deemed to be University), Deralakatte, Mangaluru
6	P05AZ22S132082	Aswith Rai	"Characterization of Endophtic bacteria and fungi from <i>Hibiscus rosa sinensis</i> : Biochemical and Antimicrobial Activity"	Dr. Sushma K S	Mangalore University, Managalagangothri
7	P05AZ22S132052	Aysha Shaniya	"Phytochemical Analysis and Antibacterial Properties of Pomegranate Peel Extracts"	Ms. Athira Pattolath	Mangalore University, Managalagangothri
8	P05AZ22S132077	Deeksha K S	"Preparation Characterization and Antimicrobial Application of Gum Arabic-Ruthenium Sulfide-Silver Nanoparticles"	Dr. J. Venkatesan	Yenepoya Research Centre, Yenepoya (Deemed to be University), Deralakatte,

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9	P05AZ22S132081	Deepika	"Creation of Database of test and Environmental Bacterial Taxa for a supervised Machine Learning Model to Predict Existing Microbial Diversity in a Sample"	Dr. Bhagwan Rekadwad	Yenepoya Research Centre, Yenepoya (Deemed to be University), Deralakatte, Mangaluru
10	P05AZ22S132054	Greeshma P T	"Assessment of Microflora in Fresh Vegetables Sold on Street Vendors"	Dr. Zephyr C Kottayil	Mangalore University, Managalagangothri
11	P05AZ22S132067	Helryn Riya Rebello	"Gum Arabic Mediated Liquid Exfoliation of Ruthenium Sulfide Nanosheets and their Incorporation of Gentamicin: Preparation, Characterization and Antimicrobial Applications"	Dr. J. Venkatesan	Yenepoya Research Centre, Yenepoya (Deemed to be University), Deralakatte, Mangaluru
12	P05AZ22S132064	Keerthi	"Identification of Marine Bacteria using MALDI-TOF and its Bioactive potential"	Mrs. Annapoorna	Mangalore University, Managalagangothri
13	P05AZ22S132055	Keerthi K Shetty	"Sensing of Multiple Drug Resistance <i>Pseudomonas</i> aeruginosa in Raw Vegetables and Fruits Using Reporter Phage"	Dr. Asif Hameed	Yenepoya Research Centre, Yenepoya (Deemed to be University), Deralakatte, Mangaluru
14	P05AZ22S132079	Latha M S	"Isolation and Identification of Garden Soil Bacterial with Mosquitos Larvicidal and Antipathogenic Activities"	Dr. Nannu Safakatullah	Mangalore University, Managalagangothri
15	P05AZ22S132069	Lavanya N	"Isolation & Characterization of Pigment Produced by Bacteria and Evaluation of its Potential Applications"	Dr. Rekha P D	Yenepoya Research Centre, Yenepoya (Deemed to be University), Deralakatte, MU
16	P05AZ22S132070	N S Swathi	"Identification and Characterization of Phytomedicines with antifungal activity against <i>Candida glabrata</i> "	Dr. Asif Hameed	Yenepoya Research Centre, Yenepoya (Deemed to be University), Deralakatte, Mangaluru
17	P05AZ22S132048	N Shipali	"Isolation of Bacteria from Dirty Cloth and Antibacterial Effect of Detergents"	Dr. Sushma K S	Mangalore University, Managalagangothri
18	P05AZ22S132061	Neha D	"Isolation and Characterization of Jumbo Phages Against Salmonella Causing Food Poisoning"	Dr. Asif Hameed	Yenepoya Research Centre, Yenepoya (Deemed to be University), Deralakatte, Mangaluru

19	P05AZ22S132060	Nishanth Kumar	"Isolation and Identification of bacteria from Mangrove Soil"	Dr. Nannu Safakatullah	Mangalore University, Managalagangothri
20	P05AZ22S132044	Pooja	"Isolation and Identification of Marine Bacteria from Kodi Beach using MALDI-TOF and its Bioactive potential"	Mrs. Annapoorna	Mangalore University, Managalagangothri
21	P05AZ22S132045	Ruthu Ann Fernandes	"Microbial Analysis of Cows Urine"	Dr. Sushma K S	Mangalore University, Managalagangothri
22	P05AZ22S132043	Sarvesh Pednekar	"Evaluation of Medicated and Non-Medicated Soaps for Antibacterial Effects on Skin Microbiota"	Dr. Sushma K S	Mangalore University, Managalagangothri
23	P05AZ22S132050	Satyanarayana Rao Udapi	"Isolation and Identification of Endophytic Bacteria from Lantana Species from Different Regions of Costal Karnataka"	Dr. Ramya Harsha	Central for Science Education & Research, Nitte (Deemed to be University) Deralakatte, Mangaluru.
24	P05AZ22S132073	Shafina Fathima A	"Antibacterial Properties and Phytochemical Analysis of Citurs limon peel extract"	Ms. Athira Pattolath	Mangalore University, Managalagangothri
25	P05AZ22S132047	Shradda G	"Assessment of Microflora in Fresh Fruits Sold by Street Vendors"	Dr. Zephyr C Kottayil	Mangalore University, Managalagangothri
26	P05AZ22S132056	Shresta Kamath K	"Isolation and Characterization of Waste Degrading Bacterial from Soil"	Dr. Divyashree M	Central for Science Education & Research, Nitte (Deemed to be University) Deralakatte, Mangaluru.
27	P05AZ22S132066	Shreya Rai K	"Proteogenomic Analysis of <i>Klebsiella Pneumoniae</i> – an Opportunistic Pathogen Causing Sepsis"	Dr. T S. Keshava Prasad	Yenepoya Research Centre, Yenepoya (Deemed to be University), Deralakatte, Mangaluru
28	P05AZ22S132078	Shruthi	"Application of Phage RuSa 1 as a Sensor for the detection of Methicillin-resistant <i>Staphylococcus aureus</i> in Raw Milk and Milk Products"	Dr. Asif Hameed	Yenepoya Research Centre, Yenepoya (Deemed to be University), Deralakatte, Mangaluru
29	P05AZ22S132051	Shwetha	"Antagonistic effect of Turmeric extract against Enterococcus species isolated from colon cancer patients"	Dr. Rajesh P Shastry	Yenepoya Research Centre, Yenepoya (Deemed to be University), Deralakatte, Mangaluru

30	P05AZ22S132068 SI	hwetha	"Proteogenomic Analysis of Staphylococcus Aureus – A Widespread Pathogen with Critical Public Health Impact"	Dr. T S. Keshava Prasad	Yenepoya Research Centre, Yenepoya (Deemed to be University), Deralakatte, Mangaluru
31	P05AZ22S132080 Si	mitha S Patil	"Agr-Gene Expression in Uropathogenic Staphylococcus arueus and its Association with Virulence Profile: An in Vitro Study"	Dr. Rekha P D	Yenepoya Research Centre, Yenepoya (Deemed to be University), Deralakatte, Mangaluru
32	P05AZ22S132049 S	ourav S Naik	"Effectiveness of Natural Substances on Gram Positive and Gram Negative Bacteria Isolated from Human Skin"	Mrs. Annapoorna	Mangalore University, Managalagangothri
33	P05AZ22S132062 Si	ushmitha K	"Growth Modulation Effects of Flax Seed Extract on opportunistic Pathogens Streptococcus gallolyticus and Streptococcus mutans"	Dr. Rajesh P Shastry	Yenepoya Research Centre, Yenepoya (Deemed to be University), Deralakatte, Mangaluru
34	P05AZ22S132071 St	ushravya K	"Microbiological Study of Raw Milk"	Dr. Zephyr C Kottayil	Mangalore University, Managalagangothri
35	P05AZ22S132053 V	aishnavi	"Antibacterial Properties and Phytochemical Analysis of <i>Areca catechu</i> seeds"	Ms. Athira Pattolath	Mangalore University, Managalagangothri
36	P05AZ22S132072 V	aishnavi	"Isolation and Identification of Bacteria from <i>Mimosa</i> pudica Rhizosphere Soil with Weed Control and Antipathogenic Activities"	Dr. Nannu Safakatullah	Mangalore University, Managalagangothri
37	P05AZ22S132059 V	arsha P	"Isolation and Characterization of Pathogenic bacteria from street Foods and their susceptibility test"	Dr. Zephyr C Kottayil	Mangalore University, Managalagangothri
38		arun Durgayya ond	"Bacterial Analysis of Well Water"	Ms. Athira Pattolath	Mangalore University, Managalagangothri
39	P05AZ22S132058 Vi	inisha	"Isolation and Identification of Microorganisms from Chicken Slaughter House"	Dr. Zephyr C Kottayil	Mangalore University, Managalagangothri
10	P05AZ22S132065 Vi	ishrutha	"Effect of AHL Analogue as Antiquorum Sensing against Opportunistic Pathogens <i>Charmobacterium violaceum</i> and <i>Pseudomonas aeruginosa</i> "	Dr. Rajesh P Shastry	Yenepoya Research Centre, Yenepoya (Deemed to be University), Deralakatte, Mangaluru

CHAIRPERSON

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