

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### MIDTERM EVALUATION

Date: 30 May 2024, 9.15 AM

Session Link: <https://meet.google.com/ppx-qdye-tgu>

Note: Only the below-mentioned project teams should join the session

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE COLLEGE	NAME OF THE GUIDE (S)	NAME OF THE STUDENT (S)
1.	47S_MSC_0153	WASTE TO BEST: AMALGAMATED BAMBOO CHARCOAL AS A LOW-COST ABSORBENT FOR WASTE-WATER TREATMENT	M.Sc	BIOCHEMISTRY	MAHARANI LAKSHMI AMMANI COLLEGE FOR WOMEN AUTONOMOUS, BENGALURU	Dr. USHA T. Dr. SUSHIL KUMAR MIDDHA	Ms. LATHA K. Ms. ASHIKA HUBLI Ms. M. PRANATHI Ms. MEGHANA M.
2.	47S_MSC_0173	EXPLORING THE HYPOGLYCEMIC POTENTIAL OF DATE SEED FLOUR (PHOENIX DACTYLIFERA L.) THROUGH IN VITRO METHODS AND PRODUCT INNOVATION	M.Sc	BIOCHEMISTRY	MOUNT CARMEL COLLEGE AUTONOMOUS, BENGALURU	Dr. MYRENE ROSELYN DSOUZA Dr. SHARANGOUDA J. PATIL	Ms. PRANJALI SHARMA Ms. NOOR ARSHIYA FIRDOSE
3.	47S_BE_3732	DESIGN OF MINIATURE PROTOTYPE FOR ORGANIC WASTE BASED COMPRESSED BIOGAS PRODUCTION AND PURIFICATION	B.E.	BIOTECHNOLOGY	N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE	Dr. SANTHOSH POOJARY	Mr. AKSHAY KAMATH Mr. SHAMANTH KRISHNA Mr. SHANNON FERNANDES Mr. VADIRAJ M.
4.	47S_BE_3739	DESIGN AND CONSTRUCTION OF WAVEFORM BIOREACTOR FOR CYANOBACTERIAL GROWTH	B.E.	BIOTECHNOLOGY	N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE	Dr. VENKATESH KAMATH H.	Ms. N. G. PRATHIKSHAA Ms. BRINDA C. MENDON Ms. MEGHA Ms. PRATHIKSHA N. SHETTY

5.	47S_MSC_0095	PREPARATION OF BIOGENIC SELENIUM NANO CONJUGATE EMULSION FROM LENTINULA EDODES EXTRACT TO TREAT SKIN HYPERPIGMENTATION	M.Sc	BIOCHEMISTRY	PADMASHREE INSTITUTE OF MANAGEMENT AND SCIENCES, BENGALURU	Dr. NAGAMANI J. E. Dr. INDU B. K.	Ms. SAHANA G. Ms. RAKSHITHA R.
6.	47S_MTech_0096	MICROENCAPSULATION OF PROBIOTICS USING SOY CURD POWDER AND PULLULAN FOR ENHANCED SHELF LIFE	M.Tech	BIOTECHNOLOGY	R.V. COLLEGE OF ENGINEERING, BENGALURU	Dr. A. V. NARAYAN Dr. ASHWANI SHARMA	Ms. ANAGHA K. B. Ms. ANAMALAGUNDAM MAHI
7.	47S_BE_3768	HARNESSING NON-THERMAL PLASMA IN AGRICULTURE: UNDERSTANDING ITS INFLUENCE ON SEEDS AND PLANT PHYSIOLOGY	B.E.	BIOTECHNOLOGY	RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. PRIYADARSHINI DEY	Mr. SUHAN G. H. Ms. ANSHUMAN V. Mr. S. CHANDRAMOULI Ms. SANGEETHA P. A.
8.	47S_MSC_0009	INTEGRATED PEST MANAGEMENT STRATEGIES AND ESTERASE ANALYSIS FOR CONTROLLING FALL ARMYWORM INFESTATIONS IN GRAMINAEAE CROPS : A STUDY ON THE ROLE OF TEPHROSIA PURPUREA AND PORTULACA OLERACEA EXTRACTS .	M.Sc	BIOCHEMISTRY	REVA UNIVERSITY, BENGALURU	Dr. SHARADAMMA N. Dr. RAMESHKUMAR KUSHWAHA	Ms. C. SUDHA MAYU Ms. SUSHMA SUNKAD Mr. GANESH K. L.
9.	47S_MSC_0040	MICROPLASTIC DEGRADATION USING SALT TOLERANT BACTERIAL ISOLATES	M.Sc	BIOTECHNOLOGY	REVA UNIVERSITY, BENGALURU	Dr. HEVAMAVATHI	Ms. PAVITHRA S. Ms. PRITHVIKA R. Ms. PRIYANKA S
10.	47S_MSC_0123	DESIGNING AND DEVELOPMENT OF A BIOPESTICIDE MICROENCAPSULATION TRAPS USING INDIGENOUS HERBAL PLANT EXTRACT ON AGRICULTURAL CROP PESTS IN KARNATAKA.	M.Sc	BIOTECHNOLOGY	REVA UNIVERSITY, BENGALURU	Dr. NEETHU B. K. Dr. YUVASHREE M.	Ms. NIVETHA P. Ms. PRAVEENA P. Ms. VAISHNAVIKIRAN MALGE Ms. ISHA RAJUBHAI PATEL

11.	47S_BE_1593	SYNTHESIS AND CHARACTERIZATION OF CELLULOSE FROM DISCARDED CIGARETTE BUTTS AND ITS IMPLEMENTATION IN PRODUCTION OF CARBOXYMETHYL CELLULOSE (CMC) AND CYRENE	B.E.	BIOTECHNOLOGY	SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU	Dr. KAVITHA V. JOSHI Dr. SOUMYA C.	Mr. TANU KUMAR C. Ms. SUSHMA S. Ms. RAKSHA K. Mr. K. NARAHARI
12.	47S_BE_2154	DEVELOPMENT OF BIODEGRADABLE POLYMERIC MEMBRANES BY POLYSACCHARIDES WITH CROSSLINKING FOR PACKAGING APPLICATIONS	B.E.	BIOTECHNOLOGY	SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU	Dr. SEEMA SAKKARA Dr.KIRAN KUMAR	Ms. DHARANI G. Ms. DIVYA K. N. Ms. NISCHITHA K. S. Ms. SWATHI BHARADWAJ R.
13.	47S_BE_1988	AN IN-VITRO STUDY TO UNDERSTAND THE IMPACT OF CARDIOVASCULAR, DIABETIC AND NSAID DRUGS ON THE REGION-SPECIFIC HUMAN GUT MICROBIOTA MODEL	B.E.	BIOTECHNOLOGY	SIR M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. PRIYA NARAYAN Dr. JAGADEESH KUMAR D.	Ms. SAMHITA B. S. Ms. AMRITA DE Ms. AHALYA P. N.
14.	47S_BE_3792	EXTRACTION AND PURIFICATION OF PLASTIC DEGRADING ENZYMES FROM DOMESTIC WASTE WATER AND CREATING A BIOFILM FROM RETRIEVED MICROORGANISMS	B.E.	BIOTECHNOLOGY	SIR M.VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. ISHWAR CHANDRA	MS. KANGAN M Mr. ROHIT JOHN CHERIAN
15.	47S_MSC_0258	EXPLORING THE BIOINOCULANT POTENTIAL OF ENTEROBACTER CLOACEA(ACC NO. OR098534) FOR SOIL REMEDIATION AND SUSTAINABLE GREEN AGRICULTURE IN DETERGENT CONTAMINATED ECOSYSTEM	M.Sc	BIOTECHNOLOGY	ST. ALOYSIUS (DEEMED TO BE UNIVERSITY), MANGALURU	Dr. JIJI GEORGE	Mr. ALYA NAZAR Mr. DIVNA NGANGOM Mr. NAVYA NAMBIAR

16.	47S_MSC_0120	ISOLATION AND CHARACTERIZATION OF POLYSACCHARIDES FROM ALLIUM SATIVUM L. PEEL AND ITS APPLICATION IN POST-HARVEST STORAGE OF BANANA	M.Sc	BIOTECHNOLOGY	TERESIAN COLLEGE, MYSURU	Mr. WILFRED A.	Mr. BENIN YONATHAN F. Ms. DEEPTHI P. KADLI Ms. PREETHU R. Mr. CHINMAYI B. DOLLIN
17.	47S_MSC_0043	ISOLATION, SCREENING, AND IDENTIFICATION OF LIGNOCELLULOSE-DEGRADING ENZYME-PRODUCING BACTERIA FROM TERMITE GUT MICROBIOTA, AND ENZYME OPTIMIZATION, PURIFICATION AND CHARACTERIZATION.	M.Sc	BIOTECHNOLOGY	THE OXFORD COLLEGE OF SCIENCE, BENGALURU	Dr. KAVISA GHOSH	Ms. AMESHA PANWAR Ms. SHEETAL PANDEY