

# 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: 6 June 2024, 1.15 PM

Session Link: <https://meet.google.com/dug-bapq-yzz>

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_0086	BIO-FABRICATION OF MUSHROOM BASED SUSTAINABLE AND EFFICIENT BIOPOLYMER COMPOSITES	M.Sc	BIOTECHNOLOGY	ADMINISTRATIVE MANAGEMENT COLLEGE, BENGALURU	Dr. MAYA M. R. Dr. P. SUDHARANI	Ms. HARSHITHA V. Ms. MAREDUGONDA NAGA SATHWIKA Ms. SWATHY SANKAR
2.	47S_MSC_0087	EXTRACTION OF A NEW, COST EFFECTIVE FUNGAL PIGMENT FROM DAIRY INDUSTRIAL WASTE	M.Sc	BIOTECHNOLOGY	ADMINISTRATIVE MANAGEMENT COLLEGE, BENGALURU	Dr. MAYA M. R. Dr. P. SUDHA RANI	Ms. CHARITHA N. Ms. BASIREDDY PREETHI Ms. TEJASWINI S.
3.	47S_MSC_0090	AN EFFICIENT MICROBIAL CONSORTIA FOR E-WAST REMEDIATION	M.Sc	BIOTECHNOLOGY	ADMINISTRATIVE MANAGEMENT COLLEGE, BENGALURU	Dr. MAYA M. R. Dr. P. SUDHA RANI	Mr. SIDDHARTH DEBATOSH BANERJEE Mr. SANKET MUDALAGI
4.	47S_MSC_0200	FABRICATION OF CORN BASED NATURAL POLYMER FOR INDUSTRIAL (WASTE WATER TREATMENT AND DYE DEGRADATION) AND FOOD PACKAGING APPLICATION	M.Sc	BIOTECHNOLOGY	DAVANGERE UNIVERSITY, DAVANGERE	Dr. PRABHURAJESHWAR Dr. NAVYA H. M.	Mr. ABHISHEK J. Mr. CHANDRA NAIK D. Ms. POOJA K. M.
5.	47S_MSC_0266	COST EFFECTIVE PROBIOTICS FROM AGROINDUSTRIAL WASTES FOR CHANGES IN GUT MICROBIOTA AND GROWTH OF ANIMALS	M.Sc	BIOTECHNOLOGY	EAST WEST FIRST GRADE COLLEGE OF SCIENCE, BENGALURU	Dr. KUMAR SWAMY M. Mrs. PADMASHREE B. S.	Mr. JEEVAN V. S. Mr. VINAY ATHREY Ms. LAKSHMI N. Ms. LATHA K.

6.	47S_MSC_0145	IMPLEMENTATION OF ARTIFICIAL INTELLIGENCE FOR PRECISION WEED REMOVAL OF ZEA MAYS CROPS WITHIN THE KARNATAKA REGION	M.Sc	BIOTECHNOLOGY	GARDEN CITY UNIVERSITY, BENGALURU	Dr. L.A.RAMA CHANDRA PRASAD Dr. VANITHA KRISHNA SUBBAIAH	Ms. BELLAM DARSHITHA Mr. NAMA GOKUL Ms. BHASWATI ROY Ms. JAHNABI ROY
7.	47S_MSC_0146	DEVELOPMENT OF HAND COORDINATION LETTERS FOR PATIENTS WITH NEUROLOGICAL CONDITIONS	M.Sc	BIOTECHNOLOGY	GARDEN CITY UNIVERSITY, BENGALURU	Dr. ANNIE THOMAS Dr. VANITHA KRISHNA SUBBAIAH	Ms. SANJANA GIRI Mr. MAYURESH JAMKAR Mr. ARYAN PAWAN SAINI Ms. SAYALI DESHMUKH
8.	47S_MSC_0163	HAND HELD CLAW CANE	M.Sc	BIOTECHNOLOGY	GARDEN CITY UNIVERSITY, BENGALURU	Dr. PINKY DUTTA	Mr. K. JOHN NEHA Ms. ANNIE SMITHA S. Ms. P. SINDHU SHREE Ms. SWAGATA DEURI BHARALI
9.	47S_MSC_0171	URBAN GREEN MAPPER: CONNECTING FRUIT AND VEGETABLE MARKET WASTE ANALYSIS TO SUSTAINABLE ENERGY GENERATION AND HEALTH MAPPING IN URBAN COMMUNITIES FOR LONG-TERM SUSTAINABILITY	M.Sc	BIOTECHNOLOGY	GARDEN CITY UNIVERSITY, BENGALURU	Dr. KIRANKUMAR SHIVASHARANAPPA Dr. MANJUNATHA T. P.	Ms. VERTIKA SHARAMA Mr. ADRISH MAJUMDAR Ms. VIAJAYALAKSHMI C.
10.	47S_MSC_0259	ASSOCIATION BETWEEN PHYSICAL ACTIVITY LEVELS AND NON COMMUNICABLE DISEASE IN ADULTS OF URBAN BANGALORE	M.Sc	BIOTECHNOLOGY	GARDEN CITY UNIVERSITY, BENGALURU	Dr. ANJALI SURESH	Ms. SHAGUFTA SHADAB Ms. RIDHAM MEGHANATHI Ms. KRITIKA SINGH Ms. AKSA ANN MATHEW

11.	47S_MSC_0063	NEUROPROTECTIVE EFFECTS OF THE EXTRACT OF MORINGA OLEIFERA LEAVES ON HIGH SUCROSE DIET-INDUCED DIABETIC DROSOPHILA MELANOGASTER	M.Sc	BIOTECHNOLOGY	INDIAN ACADEMY DEGREE COLLEGE-AUTONOMOUS, BENGALURU	Dr. VANITHA G. RAMESH	Ms. SNEHA MANNA Ms. LIKHITHA L. Mr. NITHIN KUMAR C. V.
12.	47S_MSC_0227	BIO-FEED PRODUCTION FROM URBAN FOOD WASTE	M.Sc	BIOTECHNOLOGY	INDIAN ACADEMY DEGREE COLLEGE-AUTONOMOUS, BENGALURU	Dr. PARAMESH H.	Mr. SOUVIK BHUNIA Ms. KEERTHANA J. M. Mr. INCHARA R.
13.	47S_MSC_0253	ECOFRIENDLY AND COST-EFFECTIVE APPROACH FOR THE BIODEGRADATION OF MICROPLASTICS USING WATER AS A SOURCE	M.Sc	BIOTECHNOLOGY	KARNATAK UNIVERSITY, DHARWAD	Dr. SHIVASHARANA C. T. Dr. PRAVEEN SATAPUTE	Ms. ARUNA Ms. CHAITRA BASHETTI Mr. ISMAIL JABIULLA T. Mr. PRAMOD KALLAPPA BUDIHAL
14.	47S_MSC_0191	DEVELOPMENT OF SUSTAINABLE ZnO - NANOPARTICLE BASED BIOCOMPOSITE FILM USING NANOCELLULOSE, TARO MUCILAGE AND BLACK CUMIN SEED OIL-AN APPLICATION IN PACKAGING OF GRAPES	M.Sc	BIOTECHNOLOGY	MAHARANI LAKSHMI AMMANNI COLLEGE FOR WOMEN AUTONOMOUS, BENGALURU	Dr. BABITHA B. Dr. KUSHALATHA	Ms. MADHUSHREE M. Ms. KANCHANA S. Ms. DEEKSHITHA B. K. MS.SUSHMA N
15.	47S_MSC_0165	IDENTIFICATION AND CHARACTERISATION OF A PHOSPHATE SOLUBILISING ACTIVITY IN MORINGA LEAVES	M.Sc	BIOTECHNOLOGY	N.M.K.R.V COLLEGE FOR WOMEN, BENGALURU	Dr. VINITA BALASUBRAMANYA	Ms. SEEMA S.
16.	47S_MSC_0193	STUDIES ON CYTOKINE PRODUCTION BY T LYMPHOCYTES TRIGGERED BY URUSHIOLS FROM RHUS TOX TINCTURES	M.Sc	BIOTECHNOLOGY	N.M.K.R.V COLLEGE FOR WOMEN, BENGALURU	Dr. VINITA BALASUBRAMANYA	Ms. MUSSRATH MUKTHAR Ms. FALKIYA TARANUM

17.	47S_MSC_0175	EXPLORING THE POTENTIAL MICROBES FROM GUT MICROBIOME OF EARTHWORM FOR FASTER DEGRADATION OF KITCHEN WASTE	M.Sc	BIOTECHNOLOGY	PADMASHREE INSTITUTE OF MANAGEMENT AND SCIENCES, BENGALURU	Dr. SUDIPTA KUMAR MOHANTY Dr. SUHASA G.	Ms. NIKHITA B. Ms. MONICA C. R. Ms. SWATHI T. G.
18.	47S_MSC_0186	DEVELOPMENT OF ACTIVATED CARBON COATED NANOPARTICLE COMPOSITE FOR REMOVAL OF HEAVY METALS	M.Sc	BIOTECHNOLOGY	PADMASHREE INSTITUTE OF MANAGEMENT AND SCIENCES, BENGALURU	Dr. SUDIPTA KUMAR MOHANTY	Ms. SUNITHA J SHETTY Mr. SANJAY B. M. Ms. RAKSHA S. Mr. VARUN R. PATIL
19.	47S_MSC_0206	ENCAPSULATION AND REUSE OF ENZYMES FROM GUT MICROBIOME OF PESTS PRESENT IN FRUITS AND VEGETABLES FOR REMOVAL OF PESTICIDES	M.Sc	BIOTECHNOLOGY	PADMASHREE INSTITUTE OF MANAGEMENT AND SCIENCES, BENGALURU	Dr. NETHRA SUBRAMANYA Dr. SUDIPTA KUMAR MOHANTY	Ms. PALLABI DUTTA Ms. NIVEDITHA K. Ms. PRUTHVI SHREE S. Mr. NITIN J. GUNDAR