



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: www.kscst.org.in || Email: spp@kscst.org.in || Tel: 080-2334 1652, 2334 8848/49/40

48th series of Student Project Programme (SPP): 2024-25

MIDTERM EVALUATION

Date: 30 April 2025, 9.30 AM

Session Link: <https://meet.google.com/ziu-imrr-ysb>

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.	48S_BE_6242	FABRICATION OF SCREEN PRINTED ELECTRODE FOR THE DETECTION OF GLUCOSE IN FOOD SAMPLE USING TITANIUM OXIDE NANO COMPOSITE	B.E.	BIOTECHNOLOGY	ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. JSS ALLWIN EBINESAR	Ms. SHREYA Ms. NANDA LAKKAPPA KURI Ms. RANJITHA R
2.	48S_MSC_0153	DEVELOPMENT OF BIOPLASTIC FROM AGRICULTURAL RESIDUE (MORINGA OLEIFERA) FOR SUSTAINABLE FOOD PACKAGING APPLICATION	M.Sc	BIOTECHNOLOGY	ADMINISTRATIVE MANAGEMENT COLLEGE, BENGALURU	Dr. BHAVYA D K Dr. P SUDHARANI	Mr. NAGESHA S Y Mr. G PAVAN KUMAR Mr. PRITHVIK S
3.	48S_BE_4559	SCREENING OF OVEREXPRESSED HUMAN ENZYMES IN TRIPLE NEGATIVE BREAST CANCER FOR IDENTIFYING POTENTIAL BIOMARKERS	B.E.	BIOTECHNOLOGY	B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Prof. DIVIJENDRANATHA REDDY SIRIGIRI	Ms. AISHWARYA HS Mr. ANJAN P KUMAR Ms. ASNA ZAINAB Ms. CHETANA V

4.	48S_BE_4245	OPTIMIZATION OF MEDIA PARAMETERS FOR ENHANCED LIPASE PRODUCTION BY <i>LYSINIBACILLUS MACROIDES</i> FS1 AND BIODIESEL PRODUCTION USING ENHANCED IMMOBILISED LIPASE	B.E.	BIOTECHNOLOGY	B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT	Dr. SHILPA K JIGAJINNI	Ms. KRUTIKA ANILKUMAR NIDONI Ms. SHRINIDHI Y KIRSUR
5.	48S_MSC_0033	DESIGN AND DEVELOPMENT OF RECOMBINANT VACCINE FOR HUMAN PAPILLOMA VIRUS USING IN-SILICO TOOLS	M.Sc	BIOTECHNOLOGY	DAVANGERE UNIVERSITY, DAVANGERE	Dr. PRABHURAJESH WAR Dr. NAVYA H M	Ms. DEEPA M K Ms. H HEMADARSHINI
6.	48S_BE_1383	DEVELOPMENT AND CHARACTERIZATION OF SUSTAINABLE BIOPOLYMER FILMS FROM SUGARCANE BAGASSE, A GREEN ALTERNATIVE FOR FOOD PACKAGING APPLICATION	B.E.	BIOTECHNOLOGY	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. HEMA KUMAR C Dr. PRIYA S	Ms. NAMRATHA BADAMI Ms. BHOOMIKA J R Ms. SHREYA T S Ms. VIDHI V MANDOTH
7.	48S_BE_1566	SODIUM BENZOATE : FOOD PRESERVATIVE OR TOXIN? A <i>DROSOPHILA MELANOGASTER</i> PERSPECTIVE	B.E.	BIOTECHNOLOGY	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Mrs. BHANU REVATHI K Dr. JAYARAM L N	Ms. KAVYA N Ms. S PARINITHA Ms. SPOORTHY SHIVANAND Mr. JONNALAGADDA SHREERAG
8.	48S_BE_3652	SYNTHESIS OF BIOMASS-ENGINEERED NANO-ADSORBENT FOR ADVANCED CO ₂ SEQUESTRATION	B.E.	BIOTECHNOLOGY	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. PRIYA S Prof. M. SENNAPPAN	Ms. ASHITHA B Ms. GANAVI B
9.	48S_MSC_0061	ENGINEERED <i>E.COLI</i> FOR ENHANCED PRODUCTION OF TYROSINASE FROM <i>ACINETOBACTER MODESTUS</i> NIPH 236 FOR TREATMENT OF PETROLEUM POLLUTANTS	M.Sc	BIOTECHNOLOGY	DAYANANDA SAGAR UNIVERSITY, RAMANAGARA	Dr. VINEETHA MS	Ms. YASHASWINI R Ms. NISHA G Ms. SNEHA S RAO Mr. NISHANTH S

10.	48S_BE_1723	DEVELOPMENT OF BIOWRAPPERS USING BANANA PSEUDO STEM, SUGARCANE BAGASSE AND ARECANUT HUSK	B.E.	BIOTECHNOLOGY	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. GURUMURTHY.H Ms. SUSHMA B.S	Ms. SUSHMITHA B PATIL Mr. KARIBASAVA REDDY B Ms. SRUSHTI A PATIL
11.	48S_BE_5292	DEVELOPMENT OF MOSQUITO REPELLENT USING CYMBOPOGON CITRATUS	B.E.	BIOTECHNOLOGY	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Mr. GANESH G TILVE Dr. GURUMURTHY H	Mr. ULLAS B J Mr. PRAJWAL D S Mr. SHIVRAJ G P Mr. TEJAS S
12.	48S_MSC_0101	INVESTIGATING HEAVY METAL INDUCED STRESS ON MICROBIAL POPULATIONS AND THEIR RESPONSE TO ADAPTIONS, AND GROWTH	M.Sc	MICROBIOLOGY	GARDEN CITY UNIVERSITY, BENGALURU	Mr. ASHRITH KUMAR A	Mr. P MOHANA KRISHNAN Ms. SHAMBHAVI C BALAGALI Ms. PENDYALA SAI SRINIDHI Ms. JANAVI SUNIL PATEL
13.	48S_MSC_0109	STUDY OF ANTIMICROBIAL ACTIVITY OF SOLANUM NIGRUM AGAINST SALMONELLA TYPHI	M.Sc	MICROBIOLOGY	GARDEN CITY UNIVERSITY, BENGALURU	Prof. SANGEETHA.D	Ms. SHEFALI SAKHARAM TEMKAR Ms. HAOBAM MULAN DEVI.H Ms. RAJALAKSHMI.R Ms. PRIYANKA
14.	48S_MSC_0078	VALORIZATION OF AGRO WASTES THROUGH THE CULTIVATION AND EVALUATION OF NEUROTROPHIC PROPERTIES OF LION'S MANE MUSHROOM (HERICIUM ERINACEUS). FOSTERING CIRCULAR ECONOMY.	M.Sc	MICROBIOLOGY	KRISTU JAYANTI COLLEGE AUTONOMOUS, BENGALURU	Dr. SANGEETHA MENON Dr. ARPITA MISHRA	Ms. ANNA JIBY Ms. YASHASHREE SAHA
15.	48S_MSC_0240	HERBAL MOSQUITO REPELLENT INCENSE STICK USING MICROBIAL FERMENTATION PROCESS	M.Sc	MICROBIOLOGY	M.S. RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE, BENGALURU	Dr. VISHAL M Dr. SWATHI D	Ms. GEETHA N Mr. SAGAR B Ms. SANIKA LAKSHMANAN

16.	48S_MSC_0252	APPLICATION OF ALGAL-ASSISTED MICROBIAL FUEL CELL (AA-MFC FOR THE PRODUCTION OF ELECTRICITY FROM POND/SEWAGE WATER	M.Sc	MICROBIOLOGY	M.S. RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE, BENGALURU	Dr. R.PRASHANTHI Dr. VIDYA JAGADEESHAN	Ms. AFREEN.A Ms. AFSANA Ms. BHOOMIKA.M
17.	48S_MSC_0274	BIO CONVERSION OF ERGOSTEROL IN TO VITAMIN D2 BY EDIBLE MUSHROOM USING SIMPLE UV IRRADIATION METHOD	M.Sc	MICROBIOLOGY	M.S. RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE, BENGALURU	Prof. SAVITHA J Dr. VISHAL M	Ms. KEERTHANA UO Ms. SREELAKSHMI K A Ms. VISMAYA R NAIR
18.	48S_MSC_0200	PRODUCTION OF BIOFERTILIZERS USING PLANT GROWTH PROMOTING YEASTS (PGPY) WITH HETEROGENEOUS TRAITS .	M.Sc	MICROBIAL TECHNOLOGY	REVA UNIVERSITY, BENGALURU	Dr. NETHRAVATHY.V	Ms. SURABHI.J Ms. JAYASRI.KAMISETTI Ms. BHUVANA SHREE . S
19.	48S_MSC_0203	PRODUCTION OF ECO-FRIENDLY BIO PLASTIC FROM PADDY STRAW CELLULOSE	M.Sc	MICROBIAL TECHNOLOGY	REVA UNIVERSITY, BENGALURU	Dr. NETHRAVATHY.V	Mr. GOVARDHAN K S Ms. SHIRISHA REDDY R
20.	48S_MSC_0059	INVESTIGATING REPRODUCTIVE TOXICITY OF CARBOFURAN IN MALE ALBINO RAT WITH MECHANISTIC INSIGHTS	M.Sc	ZOOLOGY	SHARNBASVA UNIVERSITY, KALABURAGI	Mr. VISHAWJIT BASAVARAJ DAREKAR Mr. MAHESH TANWADE	Ms. BHAVANI DINDURE Mr. KAUSTUBH DESHMUKH Ms. SHAGUFTA CHOUDRI Ms. SWATI S REDDY
21.	48S_MSC_0332	QUORUM SENSING INHIBITORS BY CFS DERIVED FROM LACTIC ACID BACTERIA	M.Sc	MICROBIOLOGY	UNIVERSITY OF MYSORE, MYSURU	Prof. M.Y. SREENIVASA	Ms. MANDARA V S Ms. SANMAYA K Mr. RAJAMOHAN A Mr. ROHITH KUMAR B