



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: 8 May 2025, 1.00 PM

Session Link: <https://meet.google.com/gcs-hxah-wen>

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_MSCAg_0009	EVALUATION AND DEVELOPMENT OF MARKER FOR POWDERY MILDEW RESISTANCE AND YIELD COMPONENTS IN BITTERGOURD (MOMORDICA CHARENTIA)	M.Sc (Agriculture)	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	COLLEGE OF HORTICULTURE, BAGALKOT	Dr. SAYEED WAJEED R MULLA	Ms. PALLAVI KODLI
2.	48S_MSC_0092	TRANSFORMING AQUARIUM WASTE WATER INTO NOVEL COMPOSITE NUTRIENT TABLETS FOR AGRICULTURAL USE	M.Sc	BIOTECHNOLOGY	GARDEN CITY UNIVERSITY, BENGALURU	Dr. VANITHA KRISHNA SUBBIAH Dr. RAMA CHANDRA PRASAD L.A	Ms. AMBIKA K Ms. MUSKAN IQBAL KAZI Mr. SHIVA SHARMA HM Ms. RAJALAKSHMI R
3.	48S_MSC_0106	APP DEVELOPMENT FOR WASTE MATERIAL COLLECTION FROM MUNICIPALITY	M.Sc	BIOTECHNOLOGY	GARDEN CITY UNIVERSITY, BENGALURU	Dr. V. G. SHANMUGA PRIYA Prof. ELIZABETH.M	Mr. SAKET KUMAR JHA Ms. ARCHANA NS Ms. KRISHNA NANDANA Mr. GUPTA VINAY CHHOTELAL
4.	48S_MSC_0298	DEVELOPMENT OF PORTABLE STEM LABS TO SPARK INTEREST IN SCIENCE AMONG RURAL KANNADA MEDIUM STUDENTS	M.Sc	BIOTECHNOLOGY	GARDEN CITY UNIVERSITY, BENGALURU	Dr. KIRANKUMAR SHIVASHARANAPPA Dr. MANJUNATHA T P	Mr. MONISH N K Ms. AKASHAYA G M

5.	48S_MSC_0305	INTEGRATING KITCHEN WASTE FROM MIDDAY MEAL SCHOOLS TO SUSTAINABLE BIOENERGY GENERATION AND COMMUNITY WELL-BEING IN RURAL KARNATAKA FOR LONG-TERM SUSTAINABILITY	M.Sc	BIOTECHNOLOGY	GARDEN CITY UNIVERSITY, BENGALURU	Dr. KIRANKUMAR SHIVASHARANAPPA Dr. MANJUNATHA T P	Ms. KOLA JOHN NEHA Ms. NAGA NAVYA NALAMALA
6.	48S_MSC_0097	INTEGRATED APPROACH TO COMBAT SILKWORM PATHOGENS: ISOLATION, MOLECULAR CHARACTERIZATION, IN SILICO DOCKING OF INSECTICIDAL PLANT METABOLITES, AND FUNCTIONAL VALIDATION	M.Sc	BIOTECHNOLOGY	INDIAN ACADEMY DEGREE COLLEGE (AUTONOMOUS), BENGALURU	Dr. ERUMALLA VENKATA NAGARAJU Dr. RAMACHANDRA MURTHY TTS	Ms. V.H. BHARGAVI Mr. MALLIKARJUN
7.	48S_MSC_0170	EXTRACTION OF PHYTOCHEMICALS, FORMULATION, EVALUATION AND DEVELOPMENT OF HERBAL MOSQUITO INCENSE REPELLENT STICKS	M.Sc	BIOTECHNOLOGY	INDIAN ACADEMY DEGREE COLLEGE (AUTONOMOUS), BENGALURU	Dr. RAMACHANDRA MURTHY TTS Dr. ERUMALLA VENKATA NAGARAJU	Ms. VINITHA MURUGAN Ms. RAMYA. K.S
8.	48S_MSC_0174	ANTIDIABETIC EFFECTS OF TINOSPORA CARDIFOLIA : A NATURAL REMEDY FOR GLYCEMIC CONTROL AND NEUROPROTECTIVE ROLES IN T2D INDUCED DROSOPHILA MELANOGASTER	M.Sc	BIOTECHNOLOGY	INDIAN ACADEMY DEGREE COLLEGE (AUTONOMOUS), BENGALURU	Dr. VANITHA G RAMESH	Mr. DEEKSHITH B Ms. SHILPA R Ms. SHRAVANTHI M S
9.	48S_MSC_0221	IN SILICO AND IN VITRO ANALYSIS OF ANTIDIABETIC, ANTI INFLAMMATORY, ANTIMICROBIAL AND ANTIOXIDANT ACTIVITY FROM PHYTOCHEMICALS OF SOLANUM NIGRUM (KASHI SOPPU)	M.Sc	BIOTECHNOLOGY	INDIAN ACADEMY DEGREE COLLEGE (AUTONOMOUS), BENGALURU	Dr. MALAIYARASA PANDIAN P	Mr. ABHISHEK B S Mr. SUMIT SAHOO Ms. AASTHA SINGH

10.	48S_MSC_0338	METABOLOMICS AND NETWORK PHARMACOLOGY STUDIES OF ANNONA RETICULATA SEED EXTRACT TARGETING COLON CANCER	M.Sc	BIOTECHNOLOGY	KARNATAKA STATE AKKAMAHADEVI WOMEN UNIVERSITY, VIJAYAPURA	Dr. JOY H . HOSKERI	Ms. MEGHANA KOMBIN
11.	48S_MSC_0073	EXPLORING POTENTIAL POSTBIOITC COMPOUNDS EXTRACTED FROM PROBIOTCS TO DEVELOP DIETARY SUPPLEMENTS EFFECTIVE IN ENHANCING HEALTH AND WELLNESS	M.Sc	BIOTECHNOLOGY AND MICROBIOLOGY	KRISTU JAYANTI COLLEGE AUTONOMOUS, BENGALURU	Dr. C. M. REENA JOSEPHINE Dr. P. ROOPA	Ms. SELVA PRIYA S Ms. ATHEENA PAUL Mr. K RAKESH
12.	48S_MSC_0222	GREEN NANOMEDICINE: BIOSYNTHESIS OF CARBON DOTS FROM COLEUS AROMATICUS AND EVALUATION OF ITS MULTIFACETED BIOMEDICAL POTENTIAL	M.Sc	BIOTECHNOLOGY	M.S. RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE, BENGALURU	Dr. MUKTHA H Dr. NANDINI S	Mr. DARSHAN D Ms. PRATHIKSHA M Ms. PRATHYUSHA C Ms. YASHASWINI N
13.	48S_MSC_0254	AFFORDABLE AND COST EFFECTIVE SMART BANDAGE FOR MONITORING OF WOUNDS WITH PCBS	M.Sc	BIOTECHNOLOGY	M.S. RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE, BENGALURU	Dr. PRASANTH KUMAR Dr. GEETIKA PANT	Ms. SAYATA CHOUDHURY
14.	48S_MSC_0260	IN SILICO IDENTIFICATION AND VALIDATION OF NOVEL PEPTIDE-BASED ANTIBIOTICS FROM NEEM (AZADIRACHTA INDICA) FOR COMBATING DRUG-RESISTANT PATHOGENS	M.Sc	BIOTECHNOLOGY	M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU	Dr. CHETANA BALIGA	Ms. VARSHINI.V.BANGERA Ms. ANJANA RAMACHANDRAN Ms. K.S. SUMA

15.	48S_MSC_0271	FORMULATION OF PROBIOTICS FROM RICE WASH FERMENTATION	M.Sc	BIOTECHNOLOGY	MAHARANI LAKSHMI AMMANI COLLEGE FOR WOMEN, AUTONOMOUS, BENGALURU	Dr. JOLITHA A B Dr. BABITHA B	Ms. S AFREEN BANU Ms. RAKSHITHA N Ms. SUSHMA N
16.	48S_BE_4671	EXTRACTION, SYNTHESIS AND CHARACTERISATION OF BIOSUSTAINABLE SOY- OIL BASED ALGAL INK	B.E.	BIOTECHNOLOGY	N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE	Dr. UJWAL P	Mr. SHARAN PRABHU Ms. N PRANAMYA KALAPPA Ms. NAVYA P Ms. NEETHIKA H
17.	48S_MSC_0315	DEVELOPMENT OF AN ECO-FRIENDLY SANITARY PAD UTILIZING OF AN ECO-FRIENDLY SANITARY PAD UTILIZING PAPAYA BARK AND PETIOLE FIBERS FOR ABSORPTION AND PAPAIN-BASED ANTIMICROBIAL ENHANCEMENT	M.Sc	BIOTECHNOLOGY	N.M.K.R.V. COLLEGE FOR WOMEN, BENGALURU	Dr. ARUNA NAIR UK	Ms. GORTHI LAKSHMI SOWJANYA
18.	48S_MSC_0322	ISOLATION AND CHARACTERIZATION OF A PLASTIC DEGRADING MICROBE FROM INSECT GUT	M.Sc	BIOTECHNOLOGY	N.M.K.R.V. COLLEGE FOR WOMEN, BENGALURU	Dr. VINITA BALASUBRAMANYA	Ms. SWATHI LAKSHMI
19.	48S_MSC_0326	CORRELATION BETWEEN VITAMIN B12 DEFICIENCY AND THE PRESENCE OF BAND 3 IN THE ERYTHROCYTE MEMBRANE	M.Sc	BIOTECHNOLOGY	N.M.K.R.V. COLLEGE FOR WOMEN, BENGALURU	Dr. VINITA BALASUBRAMANYA	Ms. ANJANA FRANCIS THEVARMADOM
20.	48S_MSC_0328	SCREENING AND CHARACTERIZATION OF COLIFORMS AND PHAGES FROM THE SOURCE WATER OF THE VRISHABHAVATHI RIVER IN BENGALURU CITY	M.Sc	BIOTECHNOLOGY	N.M.K.R.V. COLLEGE FOR WOMEN, BENGALURU	Dr. VINITA BALASUBRAMANYA	Ms. AMRUTHA BHASKAR
21.	48S_MSC_0334	CINNAMOMUM VERUM-DERIVED NANOPARTICLES: SYNERGISTIC ANTICANCER EFFICACY AND HEPATOPROTECTIVE MECHANISMS	M.Sc	CANCER BIOLOGY	SCHOOL OF SCIENCES, JAIN (DEEMED TO BE UNIVERSITY), BENGALURU	Dr. VISHAL U KALEBAR Dr. YASRIB QURISHI	Ms. VIDHISHA DEEPAK CHUGH Ms. SHILPI Ms. KEERTHANA SHYAM Ms. KEERTHANA DINESH