



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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## 49<sup>th</sup> series of Student Project Programme (SPP): 2025-26

### MIDTERM EVALUATION

**Date: 23 April 2026, 1.30 PM**

**Session Link: <https://meet.google.com/fsi-ekhr-jes>**

**Note:**

- **Only the below-mentioned project teams should join the session**
- Project evaluations will be conducted in the order listed below. Each presentation/demonstration will last approximately **8-10 minutes**, followed by **2-3 minutes for a Q&A session**.
- If a project team is absent when called, the next project in the sequence will be invited to present. Therefore, all concerned students must join the meeting and be **available at least 30 minutes prior to their scheduled time** for project interaction.
- A lunch break will be announced by the evaluator during the afternoon session. Teams are advised to plan accordingly and manage their time to ensure smooth participation.
- **Requests for postponement of project evaluations will not be entertained.** If a project team is absent, it will be considered as **not completed / not having taken up the project**, and the institution will be informed to **refund the sanctioned amount**.
- Projects selected for the Annual State-Level Poster Presentation and Exhibition will be held in July 2026. The selected projects will be announced in **May 2026**, after completion of the evaluation process.

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE COLLEGE	NAME OF THE GUIDE (S)	NAME OF THE STUDENT (S)
1.	49S_MSC_0223	IDENTIFICATION OF NATURAL BRD4 TARGETED ANTI FIBROID LEADS FROM BORASSUS SAMBIRANENSIS SAP PROBIOTICS USING METABOLOMICS AND MOLECULAR DOCKING APPROACHES	M.Sc	BIOTECHNOLOGY	INDIAN ACADEMY DEGREE COLLEGE (AUTONOMOUS), BENGALURU	Dr. ERUMALLA VENKATA NAGARAJU	Ms. SHASHIKALA V Ms. KEERTHANA J B

2.	49S_MSC_0287	INTEGRATED IN SILICO AND IN VIVO APPROACH TO DECIPHER REPRODUCTIVE TOXICITY OF PLASTIC MONOMERS IN DROSOPHILA MELANOGASTER	M.Sc	BIOTECHNOLOGY	INDIAN ACADEMY DEGREE COLLEGE (AUTONOMOUS), BENGALURU	Dr. ERUMALLA VENKATA NAGARAJU	Ms. NANCY S Ms. NIKITHA T
3.	49S_MSC_0177	PROBIOTIC HYDROGEL BANDAGES FOR CROP PROTECTION AND GROWTH	M.Sc	MICROBIOLOGY	INDIAN ACADEMY DEGREE COLLEGE (AUTONOMOUS), BENGALURU	Dr. S. ANU KIRUTHIKA	Mr. KUMAR CHANDU.K Ms. ASFIYA ANJUM Mr. ABHILASH KUMAR NAYAK
4.	49S_MSC_0332	IN SILICO ANALYSIS OF NUTRIENT-SENSITIVE EPIGENETIC AGING CLOCK LOCI DURING SOMATIC CELL REPROGRAMMING TO IPSCS	M.Sc	BIOLOGICAL SCIENCES	JAIN (DEEMED - TO - BE UNIVERSITY), SCHOOL OF SCIENCES, J.C ROAD, BENGALURU	Ms. MS. SHWETHA SINGH Dr. KIRANKUMAR GUDAGUDI	Ms. GRACY SHARMA Ms. CHANDANA V. Ms. DHWANI S KUMAR
5.	49S_MSC_0090	DESIGN OF A BUDGET-FRIENDLY, AI-INTEGRATED COMPUTER VISION SYSTEM FOR AUTOMATED HIGH-THROUGHPUT NEUROTOXICITY SCREENING USING DROSOPHILA MELANOGASTER MODEL	M.Sc	GENETICS	JAIN (DEEMED - TO - BE UNIVERSITY), SCHOOL OF SCIENCES, J.C ROAD, BENGALURU	Dr. RENUKA JYOTHI S	Ms. BHAVANA OMPRAKASH Mr. SRIKANT SHASTRY S
6.	49S_MSC_0035	ENVIRONMENTAL TOXICITY ASSESSMENT OF GREEN-SYNTHEZED METAL OXIDE NANOPARTICLE USING FRESHWATER SNAILS AS BIOINDICATORS	M.Sc	BIOLOGICAL SCIENCES	JYOTI NIVAS COLLEGE AUTONOMOUS, BENGALURU	Dr. SOUMYA.K	Ms. SATHYA PRIYA.K Ms. JAISHREE.G
7.	49S_MSC_0162	DEVELOPMENT OF BIOACTIVE, HERBAL MOSQUITO-REPELLENT DHOOP CONES USING JAMAICA PEPPER (PIMENTA DIOICA) LEAF EXTRACT AND UPCYCLED FLORAL WASTE	M.Sc	BIOLOGICAL SCIENCES	JYOTI NIVAS COLLEGE AUTONOMOUS, BENGALURU	Dr. VINUTHA R BHATTA Dr. VINAY B RAGHAVENDRA	Ms. SHREELAKSHMI C Ms. ARJUMAND FATHIMA Ms. SHREYA NARAYAN

8.	49S_MSC_0180	IDENTIFICATION OF BRAHMA KAMAL METABOLITES AND ITS APPLICATION IN TARGETING EPIDERMAL GROWTH FACTOR RECEPTOR (EGFR) FOR TRIPLE NEGATIVE BREAST CANCER USING GC-MS/LC-MS AND IN SILICO TOOLS	M.Sc	BIOTECHNOLOGY	K.L.E'S P.C. JABIN SCIENCE COLLEGE, HUBBALLI	Dr. SAVITHA S DESAI	Mr. VINAYAK S K Ms. MAHADEVI B. C Ms. HARSHA P PATTAN
9.	49S_MSC_0241	ECO-FRIENDLY BIOADSORBENTS DERIVED FROM AGRO WASTE FOR ANTIMICROBIAL APPLICATIONS OF BIOHAZARDOUS WASTE TREATMENT	M.Sc	MICROBIOLOGY	KARNATAK UNIVERSITY, DHARWAD	Prof. V SHYAM KUMAR Dr. WAHEEDA KHANAM	Ms. GAYATHRI.V.S Ms. SOUBHAGYA.M.D Ms. BHAGYASHREE.D.M Ms. SAHANA C
10.	49S_MSC_0326	ISOLATION AND CHARACTERIZATION OF POMEGRANATE BACTERIAL BLIGHT CAUSING BACTERIAL AND EVALUATION ON ITS INHIBITION STUDY .	M.Sc	BIOTECHNOLOGY	KARNATAKA STATE AKKAMAHADEVI WOMEN UNIVERSITY, VIJAYAPURA	Dr. JOY. HOSKERI	Ms. POOJA SHIVANAND MALI Ms. POOJA KAREPPA HIPPARAGI
11.	49S_MSC_0086	ENHANCED MYCOREMEDIATION OF LOW-DENSITY POLYETHYLENE (LDPE) FILMS: AUGMENTING DEGRADATION EFFICIENCY IN MODIFIED PLEUROTUS OSTREATUS STRAINS FOR WASTE VALORIZATION AS MYCO-SUBSTRATE	M.Sc	LIFE SCIENCE	KRISTU JAYANTI (DEEMED TO BE UNIVERSITY), BENGALURU	Dr. SANGEETHA MENON	Ms. AATHIRA ARAVIND Ms. SHIKHA BHATI Ms. SHERIL RIA
12.	49S_MSC_0242	DEVELOPING A BENTHIC MICROBIAL FUEL CELL (B-MFC) USING MARINE SEDIMENT TO ENERGISE LITHIUM ION BATTERIES IN OCEANIC SENSORS.	M.Sc	MICROBIOLOGY	M.S. RAMAIAH COLLEGE OF ARTS SCIENCE AND COMMERCE, BENGALURU	Dr. PRASHANTHI R Dr. PRASANNA SRINIVAS R	Ms. APARNA A Ms. AKSHADHA PS

13.	49S_MSC_0038	CHARACTERIZATION OF CTDNA MUTATIONS AND VALIDATION OF CIRCULATING MICRO RNA AS PROGNOSTIC BIOMARKERS IN HEAD AND NECK SQUAMOUS CELL CARCINOMA	M.Sc	BIOTECHNOLOGY	M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU	Dr. EKTA TRIPATHI Dr. K . PRASHANTHI	Ms. AKILAA O B Ms. GUJAR SNEHAL SHRINIVAS Ms. NIVYA LAHARI
14.	49S_MSC_0041	EXPRESSION AND PURIFICATION OF RECOMBINANT NIPAH VIRUS G GLYCOPROTEIN IN E. COLI FOR DOWNSTREAM ANTIBODY DEVELOPMENT	M.Sc	BIOTECHNOLOGY	M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU	Dr. K. PRASHANTHI Dr. SWATI SINHA	Ms. SMITHA SANDRINA Ms. VAISHNAVI P.M Ms. HIMANI K.M Ms. BHAVANA R