



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### MIDTERM EVALUATION

**Date:** 11 May 2025, 2.00 PM

**Session Link:** <https://meet.google.com/ehk-imys-pef>

**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_4619	PREPAID ENERGY SYSTEM: A SUSTAINABLE SOLUTION FOR AUTOMATIC ELECTRICITY BILL GENERATION USING GSM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Dr. SEEMA SRINIVAS Dr. PREETHI SHARMA K	Mr. PRAVEENKUMAR ANVERI Mr. SHASHANK N D Ms. PREKSHA H
2.	48S_BE_2744	WATER POLLUTION MONITORING RC BOAT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Dr. SAVITA SOMA	Ms. SHWETA Ms. SAHITYA Ms. SNEHA Ms. SWAROOPRANI
3.	48S_BE_3570	SMART MEDICAL RESPONSE SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Prof. SHILPA B	Ms. BHAGYASHREE UDGIRE Ms. GANGA PATIL Ms. G.DEEKSHA Ms. VAISHNAVI
4.	48S_BE_3994	DETECTION OF ROAD CONDITION DEFECTS USING MULTIPLE SENSORS AND IOT TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Dr. NAMRATHA S	Ms. SYEDA HUMERA FATIMA Ms. SOUMYA ARTHAM Ms. TRUPTI KULKARNI Ms. VAISHNAVI KOTE

5.	48S_BE_2469	EARLY-STAGE IDENTIFICATION OF NEUROLOGICAL DISORDERS LIKE EPILEPSY USING BRAIN COMPUTER INTERFACE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU	Dr. SUFIA.BANU Dr. ZAHIRA TABASSUM	Ms. SABA ERUM S DHARWAR Mr. SHAIK FAISEL AHMED Mr. ZAIN UL ABIDIN Mr. ZAINULLA SHARIEF
6.	48S_BE_4979	IOT-ENABLED SMART HELMET FOR MINER SAFETY: REAL-TIME MONITORING AND EMERGENCY DETECTION WITH LORA COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU	Dr. VENKATESAN C	Mr. N V S ABIRAMA ARJUN Mr. NELSON EUGENE D Mr. POORNESH E M Mr. R VISHAL
7.	48S_BE_5919	INTELLIGENT IOT-BASED PATIENT HEALTH MONITORING AND AMBULANCE DISPATCH SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU	Dr. MAAZ AHMED	Mr. MOHAMMED ARSALAAN Mr. MOHAMMED SULAIMAN Mr. MOHAMMED IBRAHIM Mr. MOHAMMED ANEES
8.	48S_BE_4519	MRI BRAIN TUMOR DETECTION USING PYTHON: DEEP LEARNING AND MACHINE LEARNING APPROACHES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	HIRASUGAR INSTIUTE OF TECHNOLOGY, BELAGAAVI	Prof. D. B. MADIHALLI Dr. S. S. ITANNAVAR	Ms. GAYATRI SALI Ms. LAKSHMI ANAND HUNACHYALI Ms. SHRINIDHI R HEDDURSHETTI Ms. SNEHA M HATROTI
9.	48S_BE_4713	IOT BASED DRIVING LICENSE AUTHENTICATION SYSTEM USING FACE AND FINGERPRINT OF DRIVER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	HIRASUGAR INSTIUTE OF TECHNOLOGY, BELAGAAVI	Prof. S. J. PATIL	Ms. ARATI SANJAY PHATINGE Ms. JYOTI KEMPANNA CHYATI Ms. SAMPATTA CHANDRAKANT HEBBALE Ms. VEENA ARUNSING RAJPUT
10.	48S_BE_5082	AUTOMATED KIDNEY STONE DETECTION USING DEEP LEARNING MODEL	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	HIRASUGAR INSTIUTE OF TECHNOLOGY, BELAGAAVI	Dr. S S ITTANNAVAR Prof. B P KHOT	Mr. VIKAS DHAVANE Mr. VINOD ADAVI Mr. CHETAN YARABANDI Mr. SHUBHAM GHATAWADE

11.	48S_BE_5239	AI-POWERED CHATGPT ROBOT: REDEFINING EDUCATION, RETAIL, HEALTHCARE, AGRICULTURE, AND BEYOND WITH VISION AND VOICE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAAVI	Prof. SACHIN. S. PATIL	Mr. ADITYA APPASAB SAJANE Mr. BALU APPASAB CHOUGALE Ms. CHAITRASHRI MALIKARJUN BADIGER Ms. SANJANA BASAGOUDA PATIL
12.	48S_BE_1519	HYDRO HIVE : AI-DRIVEN SOLUTIONS FOR DAM MAINTENANCE AND AGRICULTURE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Prof. KAVYASHREE M K	Ms. DAKSHAYINI B Ms. SUNITHA CS
13.	48S_BE_2540	FABRICATION OF ADVANCED EMI SHIELDING MATERIALS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Prof. SUPREETHA M	Mr. AKSHAY K S Mr. NITEESH H D Mr. THEJAS M V Mr. PRAVEEN VANTAGODI
14.	48S_BE_4652	SMART DETECTION OF ELECTRIC THEFT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Prof. ESHWARI A MADAPPA	Ms. CHAITHANYA P Mr. THALLAM VENKATA SRIKAR Mr. RISHITH V Mr. SUKRUTH S
15.	48S_BE_5868	PATH PLANNING AUTONOMOUS AGRIBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Prof. RAKESH M D Dr. RUDRASWAMY S B	Mr. K VINEETH RAO Mr. LIKHITH G Mr. SUCHINDRA Mr. DARSHAN
16.	48S_BE_4334	USING RICE HUSK ASH (RHA) FOR HIGH-PERFORMANCE CONCRETE AND SILICA-BASED PRODUCTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	JAIN (DEEMED TO BE UNIVERSITY), FACULTY OF ENGINEERING AND TECHNOLOGY, RAMANAGARA	Dr. VINAY KUMAR S B Prof. KEERTHANA H MAGADI	Mr. SIDDHARTH S Mr. RAHUL G MOHITE Mr. AKHILESH HEMANNAVAR