



# 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:** 10 April 2026, 10.30 AM

**Session Link:** <https://meet.google.com/bmp-ivbk-kst>

**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.	49S_BE_4603	HARDWARE IMPLEMENTATION OF AN ARM-BASED MODULE FOR ECTOPIC BEAT DETECTION AND CLASSIFICATION USING DEEP LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY, KOLAR	Prof. NANDINI G N	Ms. ROSHITHASRI S Ms. VIDYASREE R Ms. PRIYA C Ms. ANJALI M
2.	49S_BE_2903	WEARABLE GLOVES THAT TRANSLATES SIGN LANGUAGE INTO TEXT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	EAST POINT COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	Dr. JAYANTHI KUMARI T R	Ms. KANYAKUMARI K Ms. NAYANA K Ms. ANKITHA N Mr. KRISH KUMAR VERMA
3.	49S_BE_6303	GREEN ANTENNA TECHNOLOGY:ANTENNAS FROM PLANT-EXTRACT-BASED NANO-COPPER CONDUCTIVE INK	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	EAST POINT COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	Dr. MANJUNATHA M Dr. YOGESH G S	Mr. VISHNU R Mr. VAMSHI K Mr. MANU S K
4.	49S_BE_1759	SMART PRESSURE ELECTRONIC-MAT FOR SLEEP APNEA AND YOGA POSTURE DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. BHAGYA	Ms. C H HARSHITHA Ms. AISHWARYA H S Ms. ASHWINI C R Ms. HITHASHREE J
5.	49S_BE_1999	DESIGN AND IMPLEMENTATION OF E-NOSE FOR DISEASE DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SRINIVAS BABU P	Ms. HARSHITHA.G.M Ms. ARPITHA V M Ms. ESHWARI K

6.	49S_BE_3982	AI BASED SMART INDOOR AIR QUALITY PREDICTION AND MONITORING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. MANJULA B B	Ms. SHAMAIL RASHA Ms. SONIA Y Ms. VISHAKHA S D Ms. SUHANA D
7.	49S_BE_4861	OPTIMISED VLSI DESIGN FOR REAL-TIME VIDEO EDGE DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. S G HIREMATH	Mr. SUDEEP S B Mr. AKASH GOWDA K S Mr. SIDDESH D S Mr. VIKAS H M
8.	49S_BE_6496	AUTOMATIC FACE RECOGNISATION FOR HUMAN SKELETON REMAINS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	Dr. NUTHAN A C Mrs. SHRUTHI V	Ms. SINCHANA.S Ms. SOUNDARYA M Ms. SWATHI N Ms. SANJANA B
9.	49S_BE_1238	LORA AGRI: SMART AGRICULTURAL AUTOMATION AND SECURITY SYSTEM WITH RENEWABLE ENERGY INTEGRATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Mrs. VEENA H T	Ms. SHAISTA JABEEN K S Ms. SUHANA F KANAMANI Ms. SANIYA
10.	49S_BE_1861	CARBON SENSE: SMART VEHICLE EMISSION MONITORING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Mr. CHETAN B V	Ms. SHREYA U C Ms. SANJANA G N Ms. SANJANA G S Ms. VANISHREE C S
11.	49S_BE_4327	ECO FRIENDLY GENERATE ELECTRICITY BY USING WASTE MATERIAL	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Mrs. SUCHARITHA S D	Mr. SHESHADRI B T Mr. SACHIN H A Mr. TEJAS R
12.	49S_BE_4589	DESIGN OF LOW POWER OPERATIONAL AMPLIFIER FOR BIOMEDICAL APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Ms. DEEPIKA V B	Mr. SANTOSH C K Mr. PRABHUDEV B A Mr. SANJEEV V S Mr. SIDDESH M M
13.	49S_BE_5050	SOLAR POWERED SMART WEARABLE FOR CONTINUOUS HEALTH MONITORING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. PRADEEP T M	Ms. NISARGA V S Ms. NIKHITHA K G Ms. PRIYA S N

14.	49S_BE_4629	LANDSLIDE DETECTION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU	Prof. BORE GOWDA H B	Ms. KAVYA A S Ms. BHOOMIKA H S Ms. DEEPIKA T Ms. DIVYASHREE B M
15.	49S_BE_6454	5G-ENABLED SMART HELMET: FOR SAFETY AND MONITORING SYSTEM FOR MSME INDUSTRIAL WORKFORCE	B.E.	ELECTRICAL, ELECTRONICS AND COMMUNICATION ENGINEERING	GITAM SCHOOL OF TECHNOLOGY, BENGALURU RURAL	Dr. RAMESHA M	Mr. T. OMKAR Mr. M. KARTHIK Mr. A. CHARAN RAJ
16.	49S_BE_6462	HASIRU KARNATAKA - VLSI ECO SMART SORTING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	GITAM SCHOOL OF TECHNOLOGY, BENGALURU RURAL	Dr. M ARUN KUMAR Dr. JEEVAN K M	Ms. T KAVYA Ms. K VARSHITHA Ms. D VEERANJALI Ms. G VANDANA
17.	49S_BE_3238	STM32 BASED INDUSTRIAL SMART CONTROL PANEL AND PREDICTIVE FAULT DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Mr. DIVAKARA B C	Mr. KARTHIK N S Mr. SUHAS M N
18.	49S_BE_4346	A SMART SOLUTION FOR INTELLIGENT TRAFFIC LIGHT CONTROL USING ALTERA FPGA BOARD	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Dr. SEEMA SRINIVAS Dr. PREETHI SHARMA K	Mr. VINAY K Mr. SANDEEP TARASING RATHOD Mr. YASHAVANTH GOWDA M Mr. ROHAN K P
19.	49S_BE_4654	AI-ENABLED SMART INFANT INCUBATOR FOR REAL TIME MONITORING AND EARLY HEALTH PREDICTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Dr. SIDDALINGESH BANDI	Ms. PRIYANKA KM Ms. VARSHA JANUMALA Ms. DIVYASHREE G Ms. VACHANA K
20.	49S_BE_1941	CASM-HOME SYSTEM (CONTEXT-AWARE SMART MIRROR FOR HOME ENVIRONMENTS)	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Dr. NAMRATHA S.	Mr. SHAIK MOHAMMED ZAKIR Ms. ANJUM BEGUM Ms. SAPURA Ms. KOMAL

21.	49S_BE_2396	UPI-BASED SANITARY NAPKINS VENDING MACHINE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Dr. PRADEEP KARANJE	Mr. UDAY TADAMALLE Mr. SOMSHEKAR PATIL Mr. SRIKANTH HAMILPURKAR Mr. OMKAR SURYWANSHI
22.	49S_BE_5013	AI POWER SMART EXAM INVIGILATION USING ESP32-CAM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Prof. SONI MANARI	Ms. SWATI Mr. NITESH Ms. VAISHNAVI DHOTRE Ms. VAISHNAVI LADE
23.	49S_BE_0030	WIRELESS SMART CHARGING HUB USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU	Dr. PARVATHY THAMPI M S	Mr. SHAHJAHAN GAJULAPALLI Mr. SANDEEP BIST Ms. SANIA SAUGATH Ms. UMME TASKEEN
24.	49S_BE_1317	SUSTAINABLE HYBRID ENERGY HARVESTING FOR SELF-POWERED DEVICES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU	Dr. ZAHIRA TABASSUM Dr. SUFIA BANU	Ms. SYEDA HAJIRA MEHEK Mr. SAYED NAZEEM AHMED QAZI Mr. SHIVAKUMAR B Mr. SYED UZAIR HUSSAIN
25.	49S_BE_1986	DESIGN AND DEVELOPMENT OF AUTOMATIC PLANTER MACHINE FOR AGRICULTURAL APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU	Dr. MANJUNATH R KOUNTE	Ms. MOULYASHREE.K.M Ms. MONISHA C Ms. NARLA VARSHITHA Ms. PRIYA G T
26.	49S_BE_3208	DESIGN AND IMPLEMENTATION OF CLOUD-BASED IMAGE ENCRYPTION SYSTEM WITH AI-ENABLED FEATURES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU	Prof. SUMMAIYA ALMAS Dr. ARYALEKSHMI B N	Ms. SYED ALIYA AIMAN Ms. SABA KULSUM Ms. SOHA FATHIMA Ms. SANIYA HUSSAIN
27.	49S_BE_3467	INTELLIGENT LIBRARY SYSTEM - A STEP TOWARDS DIGITAL TRANSFORMATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU	Dr. SUHAS A R Dr. VENKATESAN C	Ms. KOMAL Ms. MEGHANA TV Ms. NAVYASHREE R Ms. PARVEEN

28.	49S_BE_7049	IMPLANTABLE CHIP FOR REAL TIME TRACKING LOCATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU	Prof. SYEDA NOOR FATHIMA Prof. SHERIN FATHIMA	Ms. FOUZIYA SULTANA S Ms. ASFIYA BANU Ms. KULSUM HUZAIFA Mr. NASIR KHAN
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