



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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

### MIDTERM EVALUATION

**Date:** 14 April 2026, 9.30 AM

**Session Link:** <https://meet.google.com/cnk-hmob-fmh>

**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_2922	IOT-BASED SMART WEARABLE DEVICE FOR CONTINUOUS FETUS WELL-BEING MONITORING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. ABINASH PANDA Dr. MEENAKSHI PATIL	Mr. LAVDEEP KUMAR TIWARI Mr. RISHI DHAR MISHRA Mr. SIDDHANT SINGH
2.	49S_BE_3472	DESIGN OF LOW DROPOUT REGULATOR FOR POWER MANAGEMENT UNIT OF WEARABLE HEALTHCARE SYSTEM DEVICE USING 45NM CMOS TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. SUSMITHA ALAMURU Prof. SUSHMA TV	Mr. PRAMOD.R Mr. ROHAN GOWDA B Mr. RAHUL Mr. POORNACHANDRA BU
3.	49S_BE_3695	DESIGN AND DEVELOPMENT OF UNMANNED AERIAL SYSTEM(UAS) SIMULATOR FOR LABORATORY STUDIES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SUTAPA SARKAR	Ms. V C SHRIYAA Ms. ANUSHREE J Ms. VARSHASRI S Ms. VIDAPANAKAL SWETHA
4.	49S_BE_3743	SMART HELMET WITH ACCIDENT DETECTION AND ALERT SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. SUSHMA T V Prof. SUSMITHA ALAMURU	Mr. SIDDHARTH P Mr. S TANUJ Mr. SWAMI T Mr. SHREYAS N H

5.	49S_BE_2647	VEHICLE DETECTION AT HAIRPIN BENDS IN GHAT ROADS USING RADAR AND LORA-BASED ALERT SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	CAMBRIDGE INSTITUTE OF TECHNOLOGY NORTH CAMPUS, DEVANAHALLI, BENGALURU RURAL	Dr. SUGUMAR S J	Mr. A. KISHORE Mr. KALYAN SRINIVAS J Mr. MOHAN RAJ J Mr. HEMANTHGOUDA S PATIL
6.	49S_BE_0165	DEVELOPMENT OF A HIGH-GAIN CERAMIC MIMO ANTENNA FOR MMWAVE COMMUNICATION SUPPORTING SMART CITY AND RURAL BROADBAND INFRASTRUCTURE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	CAMBRIDGE INSTITUTE OF TECHNOLOGY, K.R. PURAM, BENGALURU	Dr. AJAY KUMAR DWIVEDI	Ms. HARSHITHA E Ms. VIJAYASHREE GC Ms. NANDU S
7.	49S_BE_0777	A SMART RASPBERRY PI PICO BASED INFANT CARE AND SAFETY MONITORING SYSTEM FOR ASSISTING YOUNG MOTHERS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	CAMBRIDGE INSTITUTE OF TECHNOLOGY, K.R. PURAM, BENGALURU	Dr. CHRISPIN JIJI Dr. KAVITHA M B	Mr. DHRUVAN D J Mr. BALAJI BC Mr. CHARAN HR Mr. DEEPAK V
8.	49S_BE_0778	IMAGE TEXT-TO-SPEECH CONVERSION IN MULTIPLE LANGUAGES USING RASPBERRY PI AND OBJECT DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	CAMBRIDGE INSTITUTE OF TECHNOLOGY, K.R. PURAM, BENGALURU	Dr. KAVITHA M V	Mr. MOHAMED MUZAMIL T Ms. MOHAMMED FIZZAH TASNEEM Ms. DANIYA KAUNAIN
9.	49S_BE_0798	SMART AGRICULTURE: IOT-BASED IRRIGATION MONITORING AND CONTROL SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	CAMBRIDGE INSTITUTE OF TECHNOLOGY, K.R. PURAM, BENGALURU	Dr. A CHRISPIN JIJI	Mr. VINOD C TEGGINAMANI Mr. GANGADHAR A YANDIGERI Mr. DIGANTH P Mr. PRATHAM R NAIK
10.	49S_BE_2273	DUAL BAND DUAL PORT COMPACT MIMO ANTENNA FOR MILLIMETER WAVE COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	CAMBRIDGE INSTITUTE OF TECHNOLOGY, K.R. PURAM, BENGALURU	Dr. VIVEK SINGH	Ms. BHOOMIKA Ms. BHUMIKA Ms. MANASA J Mr. B U SUHAS

11.	49S_BE_0921	NEURO-P3 (PHOTOVOLTAIC POWER PROCESSING)	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	CANARA ENGINEERING COLLEGE, MANGALURU	Mr. SREERAMA SAMARTHA J. G. Mrs. TARA B. B.	Ms. PRAPTHI Y POOJARY Mr. HARSHITH KUMAR Mr. SUSHAN Mr. THUSHAR
12.	49S_BE_1830	AI-POWERED EV BATTERY FIRE PREVENTION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	CANARA ENGINEERING COLLEGE, MANGALURU	Mrs. AKSHATHA G BALIGA	Ms. RASHMI RAO B Mr. SAMARTHA R BHAT
13.	49S_BE_3892	BIOFLOC FISH FARMING USING IOT TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	CITY ENGINEERING COLLEGE, BENGALURU	Dr. RAVINDRA S Prof. GOPIKISHAN J	Mr. NAVEENA BS Mr. PREMSAGAR Y J Mr. PAVANKUMAR PRAKASH HUGAR Mr. VARUNGOWDA K P
14.	49S_BE_5407	METAL DETECTION ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	COORG INSTITUTE OF TECHNOLOGY, KODAGU	Mrs. SUSHMA K R	Mr. LOCHAN N K Mr. ANANDHU ASHOK Mr. LOHITH S
15.	49S_BE_6827	SMART NOTICE BOARD WITH ESP8266	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	COORG INSTITUTE OF TECHNOLOGY, KODAGU	Mrs. DECHAKKA M P	Mr. PREETHAM B Ms. KANNIKA Mr. PRAJWAL Y Mr. SUDEEP R
16.	49S_BE_4521	6-PORT MIMO ANTENNA FOR 5G APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Dr. SIDDALINGAPPAGOU DA BIRADAR	Ms. BHOOMIKA A Ms. CHETHANA K T Ms. DAKSHAYINI S Mr. LIKHITH KUMAR A
17.	49S_BE_5651	DESIGN AND IMPLEMENTATION OF SEMICONDUCTOR DEVICES FOR SRAM-BASED COMPUTE-IN-MEMORY ARCHITECTURES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Dr. MALLIKARJUN P Y	Mr. RISHABH T R Mr. PRASANNA KUMAR C N Mr. SAGAR S AJJAPALAR Mr. SAMPATH SAJJAN

18.	49S_BE_5759	RASPBERRY PI-BASED AUTOMATED COLORIMETRIC SYSTEM FOR EARLY DETECTION OF CHRONIC KIDNEY DISEASE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Dr. RAVIKUMAR H C	Mr. RAHUL S BAISANI Ms. LAXMI Ms. MADHAVI B Ms. NISARGA HK
19.	49S_BE_6113	SECURE DRIVE: INTELLIGENT VEHICLE PROTECTION AND SAFETY SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Dr. SUMAIYA M N	Mr. ADARSH SURESH KHOT Mr. MOHAMAD ASIF Mr. ANIKET MAGADUM Mr. B H M SIDDESH
20.	49S_BE_6117	SMART POULTRY FARM AUTOMATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. TEJASWINI M L Dr. ASHWATH NARAYANA B S	Ms. GEETHASHREE G Ms. ANANYA GOWDA R Ms. ASHRITHA A Ms. GUNASHREE G