



# 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: 6 April 2026, 9.30 AM**

**Session Link:** <https://meet.google.com/prf-jngu-tyu>

**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_1176	AUTOMATION AND ANALYSIS OF SOLAR-BASED DC MICROGRID INTEGRATING SPV AND GRID SUPPLY SOURCE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT	Dr. R. L. NAIK	Ms. VANDANA LAXMAN PAWAR Ms. AISHWARYA IRANNA ANGADI Ms. MUSKAN RAJESAB DODDAMANI Ms. SHIRISHA K
2.	49S_BE_1768	AI BASED DEVELOPMENT OF ALGORITHM TO PRIDICT FAULT TYPE IN TRANSMISSION LINE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT	Dr. S. Y. GOUDAPPANAVAR	Ms. NIKITA SIDDARAM NIVARAGI Mr. ANAND KURUBALLI Ms. AISHWARYA SHRISHAIL TELI Mr. PRAJWAL P BADADAL
3.	49S_BE_5871	DEVELOPMENT OF A RENEWABLE ENERGY SOLAR IMPLEMENTED EV CHARGING CAMPUS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLARI	Dr. SHARANA REDDY Prof. VIJAY KRISHNA	Mr. LOKESH Mr. SHASHIDHAR REDDY H Ms. RAKSHITHA SM Mr. D YASHWANTH KUMAR

4.	49S_BE_3575	INTEGRATED OFF-GRID POWER CONVERSION FRAMEWORK USING SEPARATE AND COMBINED WIND-SOLAR INPUTS WITH MULTI-BATTERY STORAGE, HIGH-EFFICIENCY INVERTER STAGE, AND HYDROGEN PRODUCTION MODULE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	CAMBRIDGE INSTITUTE OF TECHNOLOGY, K.R. PURAM, BENGALURU	Prof. K G NAGARAJA	Mr. PRITHVIRAJU.D Mr. ABHI C Mr. DHANUSH S Mr. GIRI SHANKAR.K.N
5.	49S_BE_1854	JAL TRACK - USING RADAR AND VISION TECHNOLOGY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. ANUBHAV KUMAR PANDEY	Ms. MAHIMA S Ms. CHAITRA MITTIMANI Ms. MAITHRI N Ms. RASHMI METI
6.	49S_BE_2458	DESIGN AND DEVELOPMENT OF PULSE GENERATOR FOR PULSED ELECTRIC FIELD PASTEURIZATION OF JUICE SAMPLES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. SUVETHA P S	Mr. DARSHAN M TIMALAPUR Ms. GAURI SRINIVAS Ms. HEMASADHA G Ms. HIFZA MOHAMMEDI
7.	49S_BE_2816	FOG-BASED BALANCED STATE-OF-CHARGE (BSOC) SCHEDULING FOR SMART EV WIRELESS CHARGING	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. SUGANTHI N	Mr. RAHUL NEELAKANTH KOLADURGI Mr. MS ABHISHEK Mr. SANDEEP BALAPPA SARAPURI Mr. SHASHANK SINDOGI
8.	49S_BE_4417	HANDS FREE SMART WHEELCHAIR WITH VOICE AND GESTURE CONTROL FOR USERS WITH DISABILITIES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. R. ANGURAJA	Mr. HARSHA K P Mr. DARSHAN GOWDA L G Mr. SUMEDH UJJVALE Ms. BHAVANA L
9.	49S_BE_4606	SMART ROBOTIC ARM ON WHEELS:ESP32 IMPLEMENTATION WITH HAND GESTURE AND MOBILE INTERFACE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. PADMASHREE V KULKARNI	Mr. SHREYAS N Mr. BHARATH B Mr. KARTHIK Mr. VINOD
10.	49S_BE_4933	TWO WAY COMMUNICATOR BETWEEN BLIND-DEAF-DUMB PERSON AND NORMAL PEOPLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. RAMYASHREE H P	Ms. VIDYASHREE B M Mr. LIKITH V Ms. RAJANI H P

11.	49S_BE_4130	WIRELESS ELECTRIC VEHICLE CHARGING STATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY, KOLAR	Prof. SRIDEVI A	Mr. PRANAV RAGHAVAN C M Ms. SHRAVANI A GOWDA Mr. SRISHANTH K M Mr. UDAYARAJ K N
12.	49S_BE_5273	DESIGN AND DEVELOPMENT OF COST-EFFECTIVE SOLAR POWERED ELECTRIC BIKE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	Dr. SUMITHA C Mr. RAVI KUMAR K N	Ms. R RAKSHITHA Mr. SACHIN KUMAR N P Mr. MARUTHI R T
13.	49S_BE_2086	DESIGN AND DEVELOPMENT OF 3D PRINTED EMG CONTROLLED PROSTHETIC ARM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU	Mrs. APOORVASHREE H L	Ms. DAMINI SANDEEP VAIDYA Ms. KEERTHANA G Ms. NANDITA C Ms. BHAVANI D J
14.	49S_BE_2144	INVESTIGATION OF COLD PLASMA INTERACTION WITH POACEAE SEEDS: ANALYTICAL APPROACHES AND AGRICULTURAL IMPLEMENTATION FOR SUSTAINABLE DEVELOPMENT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	G.S.S.S. INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN, MYSURU	Dr. JAGADISHA N	Ms. AAKANKSHA R Ms. KALASHREE G BHANDARE Ms. AKSHATHA S M Ms. JEEVITHA A R
15.	49S_BE_4887	IOT BASED WATER QUALITY ANALYSIS AND FISH SPECIES DETECTION USING DEEP LEARNING	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Dr. SRINIVASAN SUNDARA RAJAN	Mr. SHAMANTH R Ms. KHUSHEE SARAF Mr. NIHAR S Ms. SONU V
16.	49S_BE_0463	MANUALLY OPERATED FLOOR CLEANING MACHINE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Dr. NEELASHETTY K	Mr. RAHUL Mr. GURURAJ Mr. PARMESH Mr. GANESH
17.	49S_BE_0646	SMART DRAINAGE MANHOLE MAINTENANCE SYSTEM USING IOT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Mrs. ROHINI D	Ms. NANDINI Ms. AMBIKA Ms. AYODHYARANI Ms. BHAGYASHREE
18.	49S_BE_2038	DESIGN AND IMPLEMENTATION OF HAND GESTURE AND VOICE CONTROLLED SMART WHEELCHAIR	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAVI	Prof. ONKAR HEDDURSHETTI	Mr. YAGNESH DEVADIGA Mr. SUMEET PATIL Ms. RUTUJA CHOUGALA Ms. UTKALA CHALAWADI

19.	49S_BE_2954	DESIGN AND IMPLEMENTATION OF AGRUCULTURAL PRODUCT DETECTION & SORTING ROBOT USING MACHINE LEARNING	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAVI	Prof. O.B. HEDDURSHETTI	Ms. SAKSHI.S.KAKANDAKI Ms. KEERTI.S.KALMATH Ms. GOURAMMA PATIL Ms. LAXMI.M.RUMOJI
20.	49S_BE_4221	E-COCO-BOT: DESIGN AND FABRICATION OF ELECTRIC DRIVE AND REMOTE CONTROL SYSTEM FOR A TREE CLIMBING ROBOT WITH PESTICIDE SPRAYER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Ms. DIVYASHREE B P	Mr. ADARSH S ANCHALKAR Ms. SPANDANA B S Ms. THRUPTHI K H Mr. UDAYA T R
21.	49S_BE_5585	FABRICATION AND CHARACTERISATION OF FLEXIBLE TENG USING PVA/ZNO	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Dr. RAVISHANKAR B S Mr. SHIVAPRASAD N	Mr. ARUNANK H M Ms. PRAGATHI R Ms. SAPNA K S Mr. SUBHASH V
22.	49S_BE_1418	TO DEVELOP SMART STAND-UP WHEELCHAIR	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	JAIN COLLEGE OF ENGINEERING, BELAGAVI	Mrs. LAXMI BRUNGI	Mr. SOHAN VIJAY GURAV Mr. ABID SHEIKHSAB ATTAR Mr. AKASH V KAMBAR Mr. MADIVAL S SAPPADLI