



# 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: 17 April 2026, 1.30 PM**

**Session Link:** <https://meet.google.com/fut-wmtc-hsv>

**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_MTECH_0023	DEVELOPMENT OF AN IOT-INTEGRATED SOLAR POWERED FISH FEEDING MECHANISM FOR SUSTAINABLE AQUACULTURE IN AN AGRICULTURE FARMS	M.Tech	DIGITAL ELECTRONICS AND COMMUNICATION SYSTEMS	ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU	Dr. ANIL KUMAR C Dr. SUMA M	Ms. DHANALAKSHMI T M
2.	49S_BE_3843	VLSI CO-PROCESSOR FOR AI BASED SPECTRUM SENSING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ALLIANCE UNIVERSITY, BENGALURU	Dr. CHITRA KIRAN.N	Mr. SAISHESHA K DIVATE Mr. MUTTU MANAHALLI Ms. SPANDANA.M Ms. BANDHAVYA O.M

3.	49S_BE_4068	POST QUANTUM CRYPTOGRAPHY FOR HARDWARE EFFICIENT RISC-V ACCELERATORS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ALLIANCE UNIVERSITY, BENGALURU	Dr. SRIKANTH ITAPU	Ms. G RASHMITHA Ms. K PRANEETHA Mr. G VAMSI RAM Mr. V AMARNATH
4.	49S_BE_3643	PADDY CROP HEALTH MONITORING SYSTEM USING RGB IMAGING TECHNIQUE, TEMPERATURE AND HUMIDITY SENSORS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOOBBIDRI	Mrs. ADILA K.P. Dr. NAPOLEAN	Ms. SHETTY DIYA NITHYANANDA Ms. SHRAVANI Mr. RAMU SHIVAPPA HIRUR Mr. RAGHAVENDRA M.O.
5.	49S_BE_4460	DESIGN AND IMPLEMENTATION OF A CONVENTIONAL AUTOMOTIVE FUEL ADULTERATION DETECTION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOOBBIDRI	Dr. ROSHAN SHETTY Dr. NAPOLEAN	Ms. SHETTY TRISHA VASANTHA Mr. SHRAVAN Mr. PRATHIK M SALIAN Ms. SANJANA SHIVAGOUDA PATIL
6.	49S_BE_1070	SOLAR-POWERED WATER PURIFIER WITH SENSOR AUTOMATION AND ML-BASED QUALITY ANALYSIS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	AMRITA VISHWA VIDYAPEETHAM BENGALURU CAMPUS, BENGALURU	Ms. MS. PRIYA B.K	Ms. AARCHI PRIYADARSHANI Ms. NIDHEENA KALLAKURI Ms. NIRANJANA HARI
7.	49S_BE_1158	POTHOLYTICS: INTELLIGENT POTHOLE DETECTION AND SEVERITY ESTIMATION SYTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	AMRITA VISHWA VIDYAPEETHAM BENGALURU CAMPUS, BENGALURU	Ms. PRIYA B.K	Ms. THEERTHA RAJ Ms. SHWETHA R Ms. SNEHA PRADHANO
8.	49S_BE_2297	THE FUTURE OF VOTING AUTHENTICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ANGADI INSTITTUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Prof. SANDHYA BEVOOR	Mr. SHASHANK YALAGI Ms. SUSHMITA JUGAL Ms. SANJANA HARAVI Ms. MANASI SONWALKAR
9.	49S_BE_3063	INTELLIGENT PARKING SPACE MANAGEMENT SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ANGADI INSTITTUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Prof. SONALI SUTAR	Ms. JYOTI SAVALAGI Ms. CHANNAMMA SAKRI Ms. SUSHMITA KATARAKI

10.	49S_BE_3090	MAZE SOLVING ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ANGADI INSTITTUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Dr. SRIRAM KULKARNI	Ms. ADITI ASHOK BADDI Ms. TEJASWINI KESARKAR Ms. SNEHA TALWAR Ms. KAVERI JOGANNAVAR
11.	49S_BE_3254	VEHICULAR AD-HOC NETWORKS (VANETS)	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ANGADI INSTITTUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Dr. G.R.UDUPI Dr. G.R.UDUPI	Mr. TIMMANNA KULAGOD Mr. LAXMAN PATIL Mr. VINOD ARAVALLI Mr. MALLIKARJUN
12.	49S_BE_5774	AI BASED CROP DISEASES DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ANGADI INSTITTUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Mrs. PALLAVI KULKARNI	Ms. TANU GUNAKI Mr. PRASANNA PARAGOND Mr. VINUT S GANIGER Ms. AKSHATA PARAMGOND
13.	49S_BE_2353	SMART SHOPPING CART	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. SHILPA MN	Mr. JEEVA J Ms. CHARUSHREE S Ms. GEETHANJALI R Ms. HIMA S
14.	49S_BE_2862	MEDXPLOER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SATYA SRIKANTH PALLE Prof. PRASAD S R	Ms. SUMAYYAH AKBER RAJ SHAIKH Ms. FAIZA BEGUM Ms. SABAH RAFI.M
15.	49S_BE_2581	HIGH QUALITY FACTOR BIOSENSOR USING 2D RING RESONATOR OPTICAL FILTER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	B.G.S. INSTITUTE OF TECHNOLOGY, MANDYA	Mrs. TEJASWINI M R	Mr. SINDAGERI UDAY KUMAR Mr. ABHINANDAN K C Mr. TEJAS U
16.	49S_BE_2746	HYBRID OPTICAL-RADAR SYSTEM FOR RELIABLE UNDERWATER DATA TRANSFER AND NODE TRACKING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	B.G.S. INSTITUTE OF TECHNOLOGY, MANDYA	Dr. VIJAY KUMAR GOWDA B N Mr. DEEPAK R	Ms. PRAKRUTHI M U Ms. REVATHI H M Mr. VIKAS K
17.	49S_MTECH_0061	DESIGN OF FLOATING POINT ALU USING FS-GDI TECHNIQUE	M.Tech	VLSI DESIGN AND EMBEDDED SYSTEMS	B.N.M. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. REKHA P Dr. BINDU S	Ms. NEHA S HOSAMATH

18.	49S_MTECH_0015	AI-IOT BASED DIGITAL EVIDENCE SUPPORT PLATFORM FOR CYBER FORENSIC DEPARTMENT	M.Tech	COMPUTER NETWORKING	M.S. RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SANGEETHA V	Mr. MANOJKUMAR M
19.	49S_MTECH_0028	HYBRID DETECTION OF COLLUSIVE AND NON-COLLUSIVE INTEREST FLOODING ATTACKS IN NDN USING FEDERATED AND CONTINUOUS LEARNING	M.Tech	COMPUTER NETWORKING	M.S. RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. J SANGEETHA	Mr. KISHOR VISHWAS SORTUR
20.	49S_MTECH_0083	DESIGN AND ANALYSIS OF SWITCHED-MODE INDUCTOR-BASED DC-DC BUCK CONVERTER WITH VOLTAGE-MODE CONTROL	M.Tech	VLSI DESIGN AND EMBEDDED SYSTEMS	R.V. COLLEGE OF ENGINEERING, BENGALURU	Dr. ABHAY A DESHPANDE	Mr. HEMANTH S Mr. VIGHNESH UDUPI
21.	49S_MTECH_0044	LABVIEW APPLICATIONS IN INTELLIGENT AUTOMATION	M.Tech	DIGITAL COMMUNICATION AND NETWORKING	REVA UNIVERSITY, BENGALURU	Dr. MAHESH CHANDRA	Mr. CHANDAN KUMAR A V
22.	49S_MTECH_0017	DESIGN OF DUAL-BAND MICROSTRIP PATCH ANTENNA FOR 5G APPLICATIONS	M.Tech	VLSI DESIGN AND EMBEDDED SYSTEMS	SHARNBASVA UNIVERSITY, KALABURAGI	Dr. REVANSIDDAPPA KINAGI Dr. REVATI GODI	Ms. SANJANA SALUNKE