



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

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49th series of Student Project Programme (SPP): 2025-26

MIDTERM EVALUATION

Date: 23 April 2026, 9.30 AM

Session Link: <https://meet.google.com/vjr-qznw-vse>

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_BE_6028	DEVELOPMENT OF PRIVATE 5G NETWORK FOR MACHINE TO MACHINE COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	REVA UNIVERSITY, BENGALURU	Prof. V ESWARI	Mr. BHARATH KESHAVA REDDY Mr. VINOD Mr. KARTHIK SHANKARAPPA BELAAVATAGI Mr. DEEPAK M
2.	49S_BE_6031	AI-BASED THREAT DETECTION AND THREAT ELIMINATION TO BLOCK CRYPTO RANSOMWARE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	REVA UNIVERSITY, BENGALURU	Prof. DILIP CHANDRA E NA	Ms. ADITI RAO E A Ms. BINDHU SHREE S Ms. HARSHITHA C V Ms. KAVYA N

3.	49S_BE_6087	ACADEMIC COIN SYSTEM - A SECURE DIGITAL PAYMENT INFRASTRUCTURE FOR EDUCATION INSTITUTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	REVA UNIVERSITY, BENGALURU	Prof. PRAVEEN A	Mr. HEMANTH KUMAR S Mr. PRAJWAL P BENDRE Mr. MAHABOOB NAIKODI Mr. K HARSHVARDHAN
4.	49S_BE_6350	ASIC IMPLEMENTATION OF 32-BIT RISC-V PROCESSOR USING THE COMPLETE RTL-TO-GDSII FLOW	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	REVA UNIVERSITY, BENGALURU	Prof. NEETHU KN	Ms. N SANJITHA Mr. RISHIKESH D Mr. R KALYAN Mr. CHANDRASHEKAR S
5.	49S_BE_6947	AI-ENHANCED WIRELESS SPECTRUM MANAGEMENT SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	REVA UNIVERSITY, BENGALURU	Dr. NATARAJ URS H.D	Mr. ROHAN BAIJU Mr. KUNAL R M Mr. NIDHIN Ms. AFRA KHANUM
6.	49S_BE_6169	FPGA CONTROLLED AUTOMATED COFFEE MAKER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.D.M. INSTITUTE OF TECHNOLOGY, UJIRE	Dr. SUBRAMANYA S B	Mr. AKASH M S Ms. AISHWARYA P Mr. DEEKSHITH I D Ms. DEEPIKA K P
7.	49S_BE_2100	SUSTAINABLE DIGITAL ADVERTISING USING SOLAR POWERED E-PAPER DISPLAY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI	Dr. SHILPA BHAIRANATTI	Mr. AJAYAKUMAR CHANNAPPA MENDIGERI Mr. BASAVARAJ DAIYAGONDA BIRADAR Mr. ABHINANDAN B KADLI Mr. PRADEEP S HIREMATH
8.	49S_BE_2679	AI POWERED PERSONAL ASSISTANT FOR DEMENTIA PATIENTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI	Prof. SUJAY GEJJI	Ms. DANESHWARI SHIRAHATTI Ms. ANJALI JADHAV Ms. KOMAL KUMBHAR Ms. MAHEK PATHAN
9.	49S_BE_2747	VENTILATOR USING RASPBERRY PI WITH APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI	Prof. SUJAY GEJJI	Mr. HARSHAL SATAPPA KATAKE Mr. AMAAN MULLA Mr. MOHAMMED SAMI MEHBOOB KALMANI Mr. NIYAZ MAKTUHUSAIN SURKOD
10.	49S_BE_3652	DEVELOPMENT OF HUMAN FOLLOWING ROBOT FOR ASSISTIVE APPLICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI	Prof. MEENAKSHI P	Mr. PRANAVA GUGGARI Mr. ATHARV KILLEKAR Mr. SHARADGOUDA PATIL

11.	49S_BE_2818	NEURO-SKY BASED BRAIN COMPUTER INTERFACE FOR HANDS FREE DRONE FLIGHT CONTROL	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. UMA S	Mr. VIKAS CHOWDARY M Mr. JAIRAM N Mr. SHIVAKUMAR C S Mr. RAHUL SINGH
12.	49S_BE_3521	STATIC WIRELESS CHARGING FOR ELECTRIC VEHICLES USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SUPREETH H S G	Ms. DEVIKA S NAIRY Ms. ANSHITHA B Ms. ASHA R Ms. DEEPIKA B
13.	49S_BE_3844	HYBRID DRONE FOR DISASTER RELIEF AND RESCUE OPERATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPUR A	Prof. ANITHA C Dr. S BHARGAVI	Mr. MOHAMMAD ZIKRIYA B Mr. MADEEP KUMAR S D Mr. MADHAVA H S Mr. R VIGNESH REDDY
14.	49S_BE_4778	SMART SIGNAL BOOSTER FOR CELLULAR AND WI-FI COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPUR A	Dr. S BHARGAVI Dr. VEENA S	Mr. ABHIJITH J V Mr. ABHISHEK H K Mr. GOVARDHAN V K
15.	49S_BE_5747	SELF TRACKING TROLLEY SYSTEM USING RASPBERRY PI	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPUR A	Dr. RANGASWAMY C Prof. SRI VANI E N	Mr. DUDDU SIDDARTH Mr. BAGGIRI VEERA BRAMHANANDA REDDY Mr. ADARSHA R
16.	49S_BE_0166	AN AI BASED VENTILATOR KPI USING EMBEDDED IOT DEVICE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.M. INSTITUTE OF TECHNOLOGY, CHITRADURGA	Prof. ROOPA.S	Ms. SNEHA.S Ms. PRIYANKA.B Ms. SOUNDARYA.A Ms. AISHWARYA.A
17.	49S_BE_2969	SOLAR POWERED WIRELESS DYNAMIC CHARGING HIGHWAY FOR ELECTRIC VEHICLES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU	Mr. PRADEEP KUMAR S S	Mr. RAGHU N Mr. KIRAN ASHOK BADIGAER Ms. PRIYADARSHINI Ms. PRUTHVI M U
18.	49S_BE_5967	SMART WATER, QUALITY MONITORING AND LEAKAGE DEDUCTION USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU	Dr. ANITHA V	Mr. AKASH B KOLUR Mr. DIVITH MG Mr. K CHARAN ANTHONY REDDY Mr. VARUN BV

19.	49S_BE_6834	SOLAR POWERED ELECTRIC VEHICLE WITH BATTERY SWAPPING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU	Prof. GEETHA S	Mr. ASHISH JAIN SD Mr. GIRISH DS Mr. DATTATRI Mr. JAYANTH KUMAR V
20.	49S_BE_4426	SIGHT TO SENSE: INTELLIGENT TEXT-TO-BRAILLE TRANSFORMATION SYSTEM FOR BLIND	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU	Prof. RAVISIMHA B N	Mr. PRAJWAL. A Mr. RAJESH H P Ms. SNEHA S Ms. VIBHA SHANMUKHA
21.	49S_BE_4891	SELF-OPERATED POULTRY FARM USING IOT AND CNN ALGORITHM FOR DISEASE DETECTION AND DIAGNOSIS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU	Dr. DIVYAPRABHA	Ms. SOWMYA K R Ms. ASHA M H Ms. SHIVANI B BHAVIHAL Ms. VASUDHA K
22.	49S_BE_5320	MACHINE LEARNING-ASSISTED, LOW COST ANDROID-ENABLED COLPOSCOPIC IMAGING SYSTEM FOR RURAL HEALTHCARE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU	Dr. CHIDANANDA MURTHY M V	Ms. KUSHI Ms. DEEPIKA SM Ms. SPOORTHI G N Ms. THANUPRIYA R
23.	49S_BE_6040	RISC-V PROCESSOR WITH INTEGRATED 2-BIT VEDIC MULTIPLIER FOR LOW-POWER MULTIPLY OPERATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU	Dr. M.C. CHANDRASHEKHAR	Ms. PREKSHA G P Ms. MEGHANA S Ms. POOJA P C Ms. SHARANYA REDDY V N
24.	49S_BE_2961	DEVELOPMENT OF KROTO FINDER ROBOT FOR PIPELINE INSPECTION AND CLEANING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU	Prof. LAKSHMI MANASA B	Ms. SHREYA GC Ms. RAKSHITHA S Ms. DIVYASHREE R
25.	49S_BE_3108	DESIGN AND DEVELOPMENT OF AUTOMATED E-WASTE RECOVERY STATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU	Dr. JIJESH J J Dr. VINEETH KUMAR PK	Mr. M GANESHMANI Mr. SYED IRFAN Ms. ANNU PRIYA Mr. CHARAN A