



# 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: 24 April 2026, 9.30 AM**

**Session Link: <https://meet.google.com/rtu-picv-spf>**

**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_3159	DEVELOPMENT OF AI-DRIVEN ADAPTIVE DC-DC CONVERTER FOR SOLAR-POWERED PORTABLE EV MICRO-CHARGING STATION FOR RURAL & OFF-GRID COMMUNITIES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU	Dr. VINEETH KUMAR P K Prof. DEVIKA S	Ms. CHANDANA M U Ms. ANUSHA Ms. DIVYA M Ms. MANASA M
2.	49S_BE_5157	AIRBORNE MEDICAL-SYSTEM USING IOT GLIDER TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU	Prof. ASHWINI A M Prof. SWAPNA C H	Ms. MEENAKSHI T C Ms. ASHWINI Y M Ms. DEEPIKA M Mr. AJITH N

3.	49S_BE_5709	DEVELOPMENT OF POSTURE SUPPORT SYSTEM FOR MUSCULOSKELETAL DISORDERS USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI VENKATESHWARA COLLEGE OF ENGINEERING, BENGALURU	Prof. ANNE GOWDA A B Prof. VIKAS H	Ms. BHAVANA N Ms. CHAMPANA S Ms. GANAVI M A Ms. HAMSA A P
4.	49S_BE_4604	BIO-BALLOT - FINGERPRINT-SECURED VOTING WITH REAL-TIME TRANSPARENCY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRINIVAS INSTITUTE OF TECHNOLOGY, VALACHIL, MANGALURU	Prof. GOURISH S HEGDE	Mr. NIKESH B Ms. HEMASHREE Mr. JAYAPRAKASH B S Mr. JISHNU T
5.	49S_BE_5091	HEART ATTACK RISK PREDICTION USING MACHINE LEARNING AND DEEP LEARNING MODEL	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRINIVAS INSTITUTE OF TECHNOLOGY, VALACHIL, MANGALURU	Prof. FLAVITA PINTO Prof. DEEKSHA	Mr. M PRAJWAL KUMAR Mr. MANOJ MANJUNATH BHAT Mr. NITHESH K R Ms. VIDYA K
6.	49S_BE_5242	DIABETIC RETINOPATHY DETECTION USING DEEP LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRINIVAS INSTITUTE OF TECHNOLOGY, VALACHIL, MANGALURU	Prof. CLITUS NEIL DSOUZA Mrs. DEEKSHA	Mr. K SKANDA SHETTY Mr. P S CHIRAG CHINNAPPA Mr. SATVIK CHANDRAKANT MOGER Mr. VILAS RATHNAKAR NAIK
7.	49S_BE_5330	AUTONOMOUS SMART BOT FOR EFFICIENT SUN DRYING OF ARECANUT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRINIVAS INSTITUTE OF TECHNOLOGY, VALACHIL, MANGALURU	Dr. SOORYA KRISHNA K	Mr. SAMARTHA H M Mr. SHARAN B H Mr. KARTHIK K RAO Mr. K ABHIJNA SHETTY
8.	49S_BE_3149	WIRELESS BIONIC ARM ON ROBOTIC VEHICLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRINIVAS UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY, MUKKA, MANGALURU	Prof. SHWETHA S. R.	Mr. SURAJ Ms. ANVITHA S K Ms. PRATEEKSHA GANAPATI GAVADI
9.	49S_BE_0726	EEG-BASED ASSISTIVE COMMUNICATION SYSTEM FOR APHASIC PATIENTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	St. JOSEPH ENGINEERING COLLEGE, MANGALURU	Dr. SHAMA B N	Mr. ABEL BABU Mr. ANUSH Mr. CHANNAVEERGOUDA HUTTANAGOUDRA Mr. CHRISTOPHER INAS LAINDAV

10.	49S_BE_0962	AQUATRON (IOT-ENABLD SMART WATER TANK CLEANING SYSTEM)	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	St. JOSEPH ENGINEERING COLLEGE, MANGALURU	Mrs. PADMINI BHAT	Mr. AJITH CRASTA Ms. ANUSHREE K Mr. KIRAN GANIGERA Mr. LIKHITH
11.	49S_BE_1077	REAL-TIME IOT-BASED MONITORING AND AI-DRIVEN INSIGHTS FOR BEE COLONY MANAGEMENT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	St. JOSEPH ENGINEERING COLLEGE, MANGALURU	Ms. FLORENCE NISHMITHA	Mr. JOSHUA QUINTHINO ALBUQUERQUE Mr. ADITHYA G SHENOY Mr. MUHAMMAD RABEEZ Ms. LISHA D S
12.	49S_BE_2202	DEVELOPMENT OF A WEARABLE PROGRESS TRACKING DEVICE IN FINGER REHABILITATION FOR STROKE PATIENTS WITH ANDROID APP	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	THE OXFORD COLLEGE OF ENGINEERING, BENGALURU	Dr. PREETA SHARAN Ms. TINA ELIZABETH THOMAS	Mr. SUDEEP U KADAM Mr. PRAMODH H S Mr. RAKESH KHADDANAVAR Mr. SANJAY J
13.	49S_BE_5363	DESIGN AND IMPLEMENTATION OF AHB TO APB BRIDGE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	V.S.M'S SOMASHEKHAR R. KOTHIWALE INSTITUTE OF TECHNOLOGY, NIPANI, BELAGAVI	Prof. MADHAVI J. A	Mr. SHANKAR M INDI Mr. PRANIT KORE Mr. SHIVARAJ AMBARE Mr. VISHAL PATIL
14.	49S_BE_5695	UNDERWATER WIRELESS COMMUNICATION SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	V.S.M'S SOMASHEKHAR R. KOTHIWALE INSTITUTE OF TECHNOLOGY, NIPANI, BELAGAVI	Prof. SAGAR BIRADE	Mr. DARSHAN MARABILLE Mr. SATWIK MOLE Mr. SUJAL NITIN GAVE Mr. SWAROOP KHOT
15.	49S_BE_3530	GREY WATER QUALITY MONITORING AND RECYCLING KIT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	VEMANA INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. ROHITH A V	Mr. NANDEESH A Mr. MADAN GOVINDA CHAND Mr. MD MUSTAFA CHAND Mr. MOHAMMED USMAN GHANI
16.	49S_BE_6240	WAVE CHARGE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	VEMANA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. MANASA CHARITHA	Ms. VILASINI S Mr. S.ADITHYA REDDY Mr. V.THANUJ

17.	49S_BE_5217	SPATIAL SENSE USING AI TECHNOLOGY FOR SMART HOMES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU	Dr. SUMA Prof. NETHAVATHI	Mr. VETRIVEL.G Mr. ABHIJITH ABY Ms. PRAKRUTHI.B Ms. SONA.HR
18.	49S_BE_5285	THE SMART BUOY: A CONNECTED LIFE JACKET FOR MARINE PROFESSIONALS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU	Prof. KOMALAKUMARI Dr. SUMA	Ms. KEERTHANA K T Mr. GOWTHAM B S Ms. LIKITHA B P Mr. RITHIK GOWDA M
19.	49S_BE_5838	A COMPACT 24-GHZ MIMO-ANTENNA DESIGN FOR 5G COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	VIDYA VIKAS INSTITUTE OF ENGINEERING AND TECHNOLOGY, MYSURU	Mrs. SOWMYA M Dr. RAJALAKSHMI M C	Mr. PREETHAM H A Mr. SACHIN MURCHAVAR Mr. RAKESH N Mr. CHANDU H N
20.	49S_BE_2986	AUTOMATIC ELECTRIFIED ROAD SYSTEM FOR ELECTRIC VEHICLES IN MOTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	VIVEKANANDA INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. MONICA N P	Ms. ARPITHA C S Ms. RANJITHA K S Ms. VIJAYALAKSHMI H N
21.	49S_BE_2242	SOLAR-BASED RO WITH NATURAL JAMUN FILTRATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	YENEPOYA INSTITUTE OF TECHNOLOGY, MOOBBIDRI, MANGALURU	Dr. GANESH K. Prof. JAGANESH GC	Mr. MUHAMMAD SHAMIL Mr. MUHAMMED SHAMAL Mr. MUHAMMED LAKISH ALHAN Mr. ADITHYA KRISHNA C
22.	49S_BE_2251	SMART SOLAR POWERED PEPPER CLEANING MACHINE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	YENEPOYA INSTITUTE OF TECHNOLOGY, MOOBBIDRI, MANGALURU	Dr. PRASANNA KUMAR C	Mr. VINOD HD Ms. NAMRATHA Ms. VIJETHA Mr. JEEVANTH KUMAR N
23.	49S_BE_4482	EMBEDDED SYSTEM BASED AUTOMATED CALCIUM OXIDE DISPENSER FOR SERICULTURE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	YENEPOYA INSTITUTE OF TECHNOLOGY, MOOBBIDRI, MANGALURU	Dr. PRASANNA KUMAR C	Mr. VISHWANATH BALABHEEMA NAYKODI Mr. SHASHANK.S Mr. SUPREETHGOUDA SOMANGOUDA PATIL Mr. MOHAMMED NOWMAN