



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: [www.kscst.org.in](http://www.kscst.org.in) || Email: [spp@kscst.org.in](mailto:spp@kscst.org.in) || Tel: 080-2334 1652, 2334 8848/49/40

## 48<sup>th</sup> series of Student Project Programme (SPP): 2024-25

### MIDTERM EVALUATION

**Date: 6 May 2025, 1.30 PM**

**Session Link:** <https://meet.google.com/yej-tsnc-ehk>

**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.	48S_BE_0028	INTELLIGENIE 2.0 - A HARDWARE BASED PERSONAL ASSISTANT DEVELOPMENT FOR DIGITAL APPLICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. PAVITHRA G Dr. SWAPNIL S NINAWA	Ms. ANANYA SAUMYA Ms. AANCHAL TINGE Mr. VINAYAK V NAIR Mr. YALLALING BIRADAR
2.	48S_BE_0052	VIDYUT- SMART GRID WITH EDGE COMPUTING AND FAULT DETECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. PAVITHRA G Dr. SWAPNIL S NINAWA	Ms. MANSI HATWAR Ms. MANASVI G KASHYAP Ms. ADITI AKUNDI Mr. SARVESH KULKARNI
3.	48S_BE_2617	COGNIAID - A COMPREHENSIVE SYSTEM TO MANAGE ALZHEIMERS PATIENTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. SUMA M R	Ms. NAMITA PAVAN Mr. PRAJWAL HEGDE Mr. KAMINENI SOHAN Mr. PRASANNA NARASIMHA HOLLA
4.	48S_BE_6202	IOT BASED AUTONOMUOUS AQUACULTURE SYSTEM	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. MEHARUNNISA S.P.	Mr. MOHAMMED MUSTAFA RAZA Mr. ABIJITH A.N.

5.	48S_BE_0031	PORTABLE ELECTROCHEMICAL DEVICE FOR RAPID ON-SITE DETECTION AND QUANTIFICATION OF BACTERIA IN WATER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DAYANANDA SAGAR UNIVERSITY, RAMANAGARA	Dr. B M ASHWIN DESAI Dr. PRONAMA BISWAS	Ms. SINCHANA U SHETTY Ms. PANNATI S Ms. NANDITHA M U
6.	48S_BE_6252	SOLAR POWERED PESTICIDES SPRAYING MACHINE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. TEJASWINI M L Dr. ASHWATH NARAYANA B S	Ms. GANASHREE M G Ms. HEMAVATHI N Ms. KAVYA V Ms. PRARTHANA R
7.	48S_BE_2073	INFANT EMOTION MONITORING AND SOOTHING SYSTEM USING MULTISENSORY FEEDBACK AND GSM ALERT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. KAVITHADEVI C S	Ms. IMPANA H Ms. ANKITHA A A Ms. BHOO MIKA C PATIL Ms. RACHANA S P
8.	48S_BE_6312	TRACKSURE: ADVANCED REAL-TIME GPS AND RFID TRACKING SYSTEM WITH GEOFENCING AND SOS FEATURES	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	Dr. SHARADHA S DAMBAL	Ms. ANUSHREE N Ms. RAKSHITHA GURU Ms. C T VALLIAMMAI
9.	48S_BE_5309	AUTONOMOUS VEHICLE FOR A SMART AND SAFER MOBILITY	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Dr. UMA RANI K Mrs. ANUSHA M U	Mr. THARUN GOWDA Y P Mr. MANU K G Mr. KUSHAL P
10.	48S_BE_5984	LOW COST SMART VENTILATOR FOR CRITICAL CARE USING IOT TECHNOLOGY	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU	Prof. RAJESHWARI P Dr. RATHNAKARA S	Mr. SACHIN B Ms. SAGARIKA S RAO Ms. SHIVALI R
11.	48S_BE_3638	A GAIT ASSESSMENT FRAMEWORK FOR DEPRESSION DETECTION	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. M JYOTHIRMAYI	Mr. HARISANKAR K R Mr. H SYED TAJUDDIN Mr. PRANESH N Mr. SHRISHA KANANGI

12.	48S_BE_6401	NEXT-GENERATION RAILWAY SAFETY : THROUGH REAL- TIME MONITORING & PREDICTIVE MAINTENANCE	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. NISHI SHAHNAJ HAIDER	Ms. MUSKAN WALIA Mr. ATISHAY JAIN Mr. HARSHVARDHAN SHRIVASTAVA Mr. PRIYANSHU SHARMA
-----	-------------	--	------	---	---	-----------------------------	--