



KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: www.kscst.org.in || Email: spp@kscst.org.in || Tel: 080-2334 1652,2334 8848/49/40

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

MIDTERM EVALUATION

Date: **8 April 2026, 9.00 AM**

Session Link: <https://meet.google.com/tin-hwmm-ijp>

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_4271	ECOWARRIOR:ROBOT FOR MICROPLASTIC DETECTION AND WASTE COLLECTION.	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHARNBASVA UNIVERSITY, KALABURAGI	Dr. MAHESH R K	Mr. SHRIDHAR Ms. PREETI Mr. SHARAN KUMAR Ms. VIJAYLAXMI
2.	49S_BE_4280	SUSTAINABLE AUTOMATED RIVER SURFACE WASTE COLLECTION AND ENVIRONMENTAL RESTORATION BOAT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHARNBASVA UNIVERSITY, KALABURAGI	Prof. SHRUTI Dr. SHILPA SHRIGIRI	Ms. AISHWARYA Ms. ARUNA Ms. NISHA K.S Ms. NISARGA

3.	49S_BE_4324	DESIGN AND DEVELOPMENT OF A 4-DOF ROBOTIC ARM FOR OBJECT MANIPULATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHARNBASVA UNIVERSITY, KALABURAGI	Dr. SANGEETA PATIL Prof. D. SUJITHA	Ms. AKKAMAHADEVI RAJAPUR Ms. BHAGYASHREE J SWAMI Ms. LAXMI SANTOSH Ms. POOJA CHANNAPPA
4.	49S_BE_4333	DEVELOPMENT OF AN INTELLIGENT SMART BACKPACK USING AN IOT,GPS AND ANDROID PALTFORM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHARNBASVA UNIVERSITY, KALABURAGI	Mrs. NETRA L Mrs. VIJAYALAXMI M K	Ms. AISHWARYA S.B Ms. AKSHATA S PATIL Ms. JAYALALITHA B PATIL Ms. LAXMI R
5.	49S_BE_4334	EMBEDDED SYSTEM-BASED HYBRID WIND-SOLAR CHARGING STATION FOR PORTABLE DEVICES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHARNBASVA UNIVERSITY, KALABURAGI	Prof. D SUJITHA Prof. BHAVANI BIRADAR	Ms. SHRUTI Ms. SRUSHTI DANGE Ms. SUSHMITA Ms. VAISHNAVI
6.	49S_BE_4375	DEVELOPMENT OF AN INTELLIGENT FIRE DETECTION AND SUPPRESSION ROBOT USING ARTIFICIAL INTELLIGENCE AND IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHARNBASVA UNIVERSITY, KALABURAGI	Mrs. AMBIKA PATIL Mrs. BASAVESHWARI	Ms. ROOPA Ms. VISHALAKSHI Ms. RAKSHITA N Ms. VAISHNAVI RAVINDRANATH PATIL
7.	49S_BE_4376	AI BASED FOOTSTEP ENERGY HARVESTING TILE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHARNBASVA UNIVERSITY, KALABURAGI	Mrs. SHOBHANA Mrs. LAXMI PATIL	Ms. VAISHNAVI S DHALI Ms. SOUMYA Ms. SUVARNA Ms. RAKSHITA.V.M
8.	49S_BE_6109	INTELLIGENT V2V COMMUNICATION IN SYNC	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHREE DEVI INSTITUTE OF TECHNOLOGY, MANGALURU	Prof. PRAFULLA SHETTY	Mr. SHREYAS K S Ms. SHREYA M Ms. SHRUSTI Ms. SHREENIDHI
9.	49S_BE_3139	HYBRID FOOTSTEP ENERGY GENERATOR FOR SMART CAMPUS AND PUBLIC UTILITY APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI	Ms. AKSHATHA RAO L Mr. GANESH SRINIVASA SHETTY	Mr. SHREESHA Mr. SATHWIK Mr. S R SHRIPADA RAO Mr. SHRIKRISHNA HEBBAR

10.	49S_BE_3376	DHYUTI JALA SHODHAN: A SOLAR POWERED WATER PURIFIER SYSTEM FOR REMOTE VILLAGES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI	Mrs. JAYASHREE M Mrs. SHASHIKALA R	Mr. SRIJAN Mr. SHARAN DHONDYA Mr. SURESH NAYAK Mr. UJWAL U NAYAK
11.	49S_BE_3498	HEAR FUSION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI	Mrs. PAVITHRA POORNIMA S Mr. RAGHUNATHA	Ms. POORNITHA Ms. ANANYA ACHARYA Ms. DEPPTHI Ms. JATHAN SHRADDHA VASANTHA
12.	49S_BE_4326	MITRA: AN ASSISTIVE GLOVE FOR INDIAN SIGN LANGUAGE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI	Mr. PUNITH BEKAL	Mr. RAHUL RAGHUNATHA SHETTIGAR Mr. K ARJUN SHENOY Mr. MADHUSUDAN S Mr. PREETHAM V AMIN
13.	49S_BE_5898	LORA BASED SMART HELMET FOR SAFETY AND MONITORING OF COAL MINERS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI	Prof. YOGESHWARY B.H	Mr. DIVYANTH Ms. ANNAPURNA SHENOY Mr. HANSLEY LEWIS Mr. KARTHIK PATIL
14.	49S_BE_6772	METAMATERIAL ENHANCED WEARABLE ANTENNA	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI	Mr. MR. SANDEEPA PRABHU	Ms. NISHA Ms. ANANYA Ms. DEEPA KARKERA Ms. DHANUSH S S
15.	49S_BE_3281	AUTOMOTIVE DELIVERY ROBOT USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU	Ms. MEGHA N	Mr. PRAVEEN YADAV L R Mr. LOHITH H S Mr. G C DIWAKAR
16.	49S_BE_3339	FIRE FIGHTING ROBOT USING IOT FOR DOMESTIC APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU	Mrs. P CHANDRIKA	Ms. BHAVANA TN Ms. GREESHMA G Ms. M MAMATHA Ms. PAVITRA K

17.	49S_BE_4098	SMART SYSTEM FOR NON- INVASIVE SILKWORM COCOON GENDER SEGREGATION AND AUTOMATED EGG COUNTING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMAKURU	Dr. SHILPASHREE P S	Mr. BASAVARAJ K BANAJ Mr. KUMAR M SUNKAD Ms. POOJA U KONNUR Mr. PRAJWAL M DODDAMANI
18.	49S_BE_4774	AUTONOMOUS ENEMY DETECTION AND REAL-TIME SURVEILLANCE ROVER FOR DEFENCE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, LAKSHMESHWAR, GADAG	Dr. SHASHIDHAR P K Prof. ARUNKUMAR S BHOSALE	Ms. VIDYA M MALJI Mr. ABHISHEK NADUR Mr. SACHINPRASAD MISAR Mr. VINAYAK ANGADI
19.	49S_BE_5846	SMART WHEELCHAIR CONTROL USING VOICE AND GESTURE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRI KRISHNA INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. N S MYTHREYE	Mr. VARUN M Mr. DARSHAN D R Mr. MANTESH S C Mr. PRADEEP N K
20.	49S_BE_5115	HYDROHARVEST-X: ECO- SMART AQUAPONICS SYSTEM FOR PRECISION AGRICULTURE	B.E.	ELECTRONICS AND TELECOMMUNICAT ION ENGINEERING	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU	Dr. JEEVITH S H	Ms. POORNAVI D Ms. SHREYA ATUL DESHPANDE Ms. SPOORTHI S