



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: **22 April 2026, 9.30 AM**

Session Link: <https://meet.google.com/ocd-wejk-ntn>

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_1365	IOT-BASED SMART POWER MONITORING AND MANAGING SYSTEM FOR THE HOME APPLIANCES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA	Mrs. MRS.SANGEETHA B S	Ms. LIKITHA L H Ms. GANGA S B Ms. KEERTHANA H S Mr. LAKSHMISAGAR K N
2.	49S_BE_1548	AUTOMATIC SPEED LIMIT CONTROL SYSTEM IN SPEED LIMITED AREAS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA	Mrs. SHYAMALA S C Mrs. SHYAMALA S C	Mr. RAHUL R CHITRAGAR Mr. GAGANDEEP C N Mr. DARSHAN P

3.	49S_BE_1556	PORTABLE ECG M HEALTH	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA	Mr. MR. VAYUSUTHA M Mrs. MRS. ADITHI M	Mr. SHARATH S M Mr. PRADYUMN D Mr. SHIVU C Ms. SHREERAKSHA S R
4.	49S_BE_1641	A HYBRID ELEPTICAL CURVE CRYPTOGRAPHY TECHNIQUE FOR SECURED COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA	Ms. LAVANYA R NAYAK	Mr. PRAJWAL LAWRENCE DSOUZA Mr. SHAKEEL AHMED Mr. SYED MALIK Mr. TEJAS S BHARADWAJ
5.	49S_BE_1685	ADAPTIVE THERAPEUTIC MATTRESS FOR BEDSORE PREVENTION AND RELIEF	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA	Mrs. MRS. SHYAMALA S C	Mr. ARCHANA V BHANDARI Ms. HARSHAVI H M Ms. AMRUTHA BADIGER Ms. NANDINI S P
6.	49S_BE_1715	AI-BASED IOT HEALTH MONITORING WITH PRIMARY SUGGESTION AND ALERT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA	Mr. VAYUSUTHA.M Mr. HANUMANTHAPPA MAGALADA	Ms. HAMSA .S Mr. GAGAN .A J Mr. PRAMOD.G Mr. RAKESH I PUJAR
7.	49S_BE_3931	DISTRIBUTED RAIL SIGNALING AND TRAFFIC CONTROL SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	R.L. JALAPPA INSTITUTE OF TECHNOLOGY, DODDABALLAPURA, BENGALURU RURAL	Ms. LAVANAYA VAISHNAVI D A Dr. ANIL KUMAR C	Mr. K. M. YADUKRISHNAN Mr. NITHIN KUMAR S
8.	49S_BE_1259	AUTOMATED ANIMAL RESCUE AND WELFARE SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	R.T.E. SOCIETY'S, RURAL ENGINEERING COLLEGE, HULKOTI, GADAG	Prof. MANJULA PAI Dr. SUGANDA PENDEM	Mr. SAINATH AGALAVI Mr. MD BILAL MULLA Mr. ABHAY NAYAKWADI Mr. TOUFEEQUMAR BYALI
9.	49S_BE_1411	ELECTRONIC VOTING MACHHINE WITH FACE AUTHENTICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	R.T.E. SOCIETY'S, RURAL ENGINEERING COLLEGE, HULKOTI, GADAG	Dr. SUGANDHA. P Mrs. CHETANA HOOLI	Mr. PAVAN MANKAR Mr. S.R.SHIVANANDA Mr. RAKESH BHAJANTRI Mr. SHARANAKAUMAR GADAG
10.	49S_BE_1823	REVERSE VENDING MACHINE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	R.T.E. SOCIETY'S, RURAL ENGINEERING COLLEGE, HULKOTI, GADAG	Mrs. MRS.CHETANA HOOLI Dr. SUGANDA.P	Mr. KAUSHIK S KODANPUR Mr. VISHAL S BANDHI Mr. SHRIDHAR R N Mr. KIRAN HB

11.	49S_BE_1884	UNDERGROUND WATER LEVEL IDENTIFICATION ROBOT USING RADAR BASED ON DOPPLER EFFECT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	R.T.E. SOCIETY'S, RURAL ENGINEERING COLLEGE, HULKOTI, GADAG	Mrs. ABIDA KANAVI Mrs. CHETANA HOOLI	Ms. AISHWARYA S RESHMI Ms. BHAVANI R KOYAPPANAVAR Ms. SANGEETA B BABALI Ms. TEJASWINI S RITTI
12.	49S_BE_3072	IMPLEMENTATION OF A LIGHTWEIGHT CHACHA20 ENCRYPTION-DECRYPTION CORE ON SPARTAN-7 FPGA	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Dr. SUNITHA R	Ms. PREETHU J M Ms. RAKSHA M Mr. ROHITH S Ms. VAISHNAVI H M
13.	49S_BE_3590	AI POWERED TRAFFIC MANAGEMENT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Dr. HARITHA K S Dr. DEEPIKA J	Mr. ANOOP B PATEL Mr. KUSHAL B Ms. CHANDANA V S Mr. AMAN MAHARATHI
14.	49S_BE_4154	IMPLEMENTATION OF A HYBRID 64-BIT VEDIC MULTIPLIER USING SPARTAN 7	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Dr. SUNITHA R Dr. RANGAIAH L	Mr. DAKSHITH K S Mr. LIKHITH H Mr. AMITH ASHOK K Ms. BHOOMIKA P
15.	49S_BE_6062	BRAIN WAVE CONTROLLED ELECTRIC VEHICLE POWERED BY SOLAR ENERGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Dr. DEEPIKA J Dr. HARITHA KS	Ms. I VASANTHI Ms. ANANYA P GOWDA Ms. BHUMIKA M Ms. KUSHALI GOWDA KG
16.	49S_BE_4788	VIRTUAL BRAIN USING PYTHON	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	RAJEEV INSTITUTE OF TECHNOLOGY, HASSAN	Dr. PRAKASH KURAVATTI Mrs. MRS.MANASA A	Ms. JAHNAVI A T Ms. IMPANA M L Mr. JEEVAN GOWDA G R Mr. CHARAN KUMAR K
17.	49S_BE_5621	GPS GUIDED STREET CLEANING ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	RAJEEV INSTITUTE OF TECHNOLOGY, HASSAN	Ms. SWATHI GR Mrs. MANASA A	Ms. BOMMIDIHALLI VINDU SRI Ms. AISHWARYA LAKSHMI B T Ms. NIKHITHA H R Ms. KAVANA S N
18.	49S_BE_6750	DESIGN OF RIVER DEPTH PLOTTING AND RIVER CLEANING ROBOTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	RAJEEV INSTITUTE OF TECHNOLOGY, HASSAN	Mrs. LOKESHWARI HS Mrs. MANASA A	Ms. SINCHANA HS Ms. THEJASWINI AR Ms. TULASI CS Ms. VINUTHA NA

19.	49S_BE_6803	APB PROTOCOL VERIFICATION USING SYSTEM VERILOG	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	RAJEEV INSTITUTE OF TECHNOLOGY, HASSAN	Dr. PIALI CHAKRABORTY Mrs. MRS. MANASA A	Mr. SYED LUKHMAN Mr. TEJAS K Y Mr. HEMANTH K R Mr. MOHAMMED ARFATH
20.	49S_BE_4641	A SYSTEM TO COMBAT FAKE CERTIFICATES IN EDUCATION SECTOR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	REVA UNIVERSITY, BENGALURU	Prof. MD TAUSEEF	Ms. A V SANJANA Ms. SABA MULLA Ms. SHREYA A Mr. SUJAL NAIK
21.	49S_BE_4734	BEE-INSPIRED DRONE-BASED POLLINATION SYSTEM FOR EFFICIENT MODERN AGRICULTURE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	REVA UNIVERSITY, BENGALURU	Dr. NAYANA D K	Ms. VAISHNAVI A S Ms. SMITHA MANJUNATH NAIK Ms. SONALI MARUTI GAONKAR Mr. SHIVAKUMAR P HAGGAD
22.	49S_BE_4974	5G MMWAVE ANTENNA DESIGN FOR MOBILE APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	REVA UNIVERSITY, BENGALURU	Prof. SARALA SHIRABADAGI	Ms. SIRISHA B R Ms. MAREDDY MYTHRI Ms. SHUBHASHREE R Ms. KORRAPATI HADARSHA
23.	49S_BE_5040	REAL-TIME INTELLIGENT IMAGE PROCESSING ACCELERATOR ON FPGA USING THE PYNQ-Z2 PLATFORM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	REVA UNIVERSITY, BENGALURU	Dr. SAYANTAM SARKAR	Mr. ADITYA K N Mr. PRAVEEN KUMAR B Mr. AKASH JANTE Mr. RAVICHANDRA ALLOLI
24.	49S_BE_5219	AI BASED FOD DETECTION SYSTEM FOR AIR STATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	REVA UNIVERSITY, BENGALURU	Dr. VENKATA SIVE REDDY	Mr. HEMANTH KUMAR K Mr. ROHAN R L Mr. DAYANANDA K R Mr. B MANOJ
25.	49S_BE_5396	ENHANCING UDA BY THE USE OF AI/ML OR OTHER NOVEL TECHNIQUES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	REVA UNIVERSITY, BENGALURU	Dr. ANITHA KUMARI R.D	Ms. Y.C LOKESHWARI Ms. ANKITA Ms. ANANYA A.S Ms. MAHALAKSHMI G R