



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: **24 April 2026, 9.15 AM (Friday)**

Session Link: <https://meet.google.com/zss-pprh-uya>

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_4902	AUTOMATIC ACTIVE PHASE SELECTOR FOR SINGLE PHASE LOAD FROM THREE PHASE SUPPLY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	R.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. SHRUTHI BAGLODI J Prof. JHANSI K	Ms. SANJANA S Ms. ANANYA B E Mr. MOHAMMAD SHAKEEL M K Mr. MANOJ S
2.	49S_BE_5204	AN INTRODUCTION TO REGENERATIVE BRAKING OF EV AS ANTI - LOCK BRAKING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	R.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. UMESHA G B Prof. JHANSI K	Mr. NIKHIL B S Mr. SHASHANK G N Mr. MURULI KRISHNA A O Mr. NISHANTH G R

Sl. No.	PROPOSAL REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE COLLEGE	NAME OF THE GUIDE (S)	NAME OF THE STUDENT (S)
3.	49S_BE_3611	NEXUS ELITE VEHICLE WASH	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Prof. SINCY ELEZEBETH KURUVILLA	Mr. G VISHNU DATTA Mr. ASHER SUMITH Mr. JEEVAN P Mr. LITHISH M R
4.	49S_BE_5569	SILKWORM MONITORING FOR REAL-TIME GROWTH AND SILK PRODUCTION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Prof. SHWTHA R Prof. UDHYAMI	Mr. ANILKUMAR Ms. SPANDANA S S Mr. MAHAMMAD SUHEL
5.	49S_BE_6114	SMART ORGAN TRANSPORT SYSTEM WITH REAL-TIME MONITORING AND GPS TRACKING USING QUADCOPTER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Dr. R. ARUL JOSE	Ms. DEEKSHITHA REDDY S Mr. C VINOD KUMAR Mr. MALLIKARJUNA K M Mr. SAMEER BASHA
6.	49S_BE_6203	DESIGN AND DEVELOPMENT OF PELTIER MODULE TO GENERATE ELECTRIC POWER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Prof. NANDINI.N	Mr. LIKITH.A Mr. NITHIN.A Mr. BHARATH. N. J Mr. VIJAYKUMAR. H. K
7.	49S_BE_6400	PROSTHETIC HAND FOR PHYSICALLY CHALLENGED PEOPLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Prof. NANDINI N	Mr. SRIVATHSA N Mr. SHREYAS K S Mr. YASHAS B
8.	49S_BE_6427	MULTITUDINOUS ELECTRIC EYE USING RASPBERRY PI IN DEFENSE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Prof. PRUTHA G	Mr. PRAJWAL L Mr. CHIDHANANDASWAMI Ms. CHANDANA N Ms. THEJASWINI N
9.	49S_BE_6760	SMART AUTOMATIC WALKING BRIDGE WITH RFID ACCESS AND VOICE ASSISTANCE FOR RAILWAY STATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Mrs. SWETHA R	Ms. TABASSUM Ms. ANUSHA M Ms. DIVYA D Ms. KIRANA J
10.	49S_BE_6999	OBJECT SORTING CONVEYOR USING DELTA PLC	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Prof. RAMYA R	Mr. PUNITH KUMAR G Mr. LIKITH P Mr. SANDEEP B M Mr. MANI DEEPAK S

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11.	49S_BE_0871	REAL-TIME DISTANCE-ADAPTIVE SMART TROLLEY FOR CONTINUOUS HUMAN TRACKING	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	REVA UNIVERSITY, BENGALURU	Dr. BANSILAL BAIRWA	Mr. AMIT PATIL Mr. EKNATH Mr. KEERTHAN K Mr. SANTOSH BYELLE
12.	49S_BE_1384	DEEP LEARNING-POWERED VISUAL AID SYSTEM FOR BLIND NAVIGATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	REVA UNIVERSITY, BENGALURU	Dr. BANSILAL BAIRWA	Mr. BHARAT REDDY Ms. CHANDANA M Mr. ADARSH JANALI Mr. AMBRISH KUMBAR
13.	49S_BE_1872	DESIGN AND IMPLEMENTATION OF AN EMBEDDED CONTROL PLATFORM FOR AIR AND PCM-BASED BESS COOLING	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	REVA UNIVERSITY, BENGALURU	Dr. BANSILAL BAIRWA	Ms. NOOR SABA Ms. FAZEELA PATHAN
14.	49S_BE_2000	DESIGN AND DEVELOPMENT OF ML-INTEGRATED SMART DROWNING DETECTION SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	REVA UNIVERSITY, BENGALURU	Dr. ASHWINI KUMARI P	Mr. UJWAL KUMAR S Mr. PAVAN A Ms. SHARANYA C S
15.	49S_BE_2758	2KW ELECTRIC VEHICLE CHARGER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	REVA UNIVERSITY, BENGALURU	Mr. BURRI ANKIAAH Dr. RITESH DASH	Mr. SAURAV KUMAR Ms. SHIVANI B.Y Ms. AMRUTHA G.R Mr. NAVNEET RAJKUMAR PATIL
16.	49S_BE_2765	INTELLIGENT SOLAR ENERGY MANAGEMENT SYSTEM WITH PREDICTIVE LOAD OPTIMIZATION, BATTERY HEALTH MONITORING & IOT DASHBOARDS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	REVA UNIVERSITY, BENGALURU	Dr. ADITYA BALAJI	Ms. N GANGA YAMUNA Ms. POORNIMA HAKARI Mr. PAVAN N
17.	49S_BE_2828	FAULT DETECTION IN EV MOTORS USING AI	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	REVA UNIVERSITY, BENGALURU	Prof. DODDABASAPPA Dr. BANSILAL BAIRWA	Mr. VIKAS B M Ms. VANISHREE S BANASODE Mr. LIKHITH H T Mr. VINAYAK GURAPPA SALAWADAGI

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18.	49S_BE_5865	PRISCRPTIVE MAINTENANCE WITH DIGITAL TWIN FOR INDUSTRIAL MOTOR	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	REVA UNIVERSITY, BENGALURU	Ms. SEEMA MAGADUM	Ms. SPOORTHI Y Ms. SRUSHTI Ms. SHALINI S T
19.	49S_BE_5943	IOT BASED AI DRIVEN MATERNAL HEALTH MONITORING	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD	Prof. MANJULA S SUREBAN	Mr. PRATHAMESH C YAMAKANAMARDI Mr. ARYAN S BEKAL
20.	49S_BE_2574	VIRTUAL SKETCH: FINGERTIP GESTURE RECOGNITION FOR AIR CANVAS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI	Prof. ASHWINI B MEKKALAKI	Ms. AKSHATA VIJAY VASTRAD Ms. JANAVI MALLANAGOUD PATIL Ms. KAVITA RANGAPPA BABALI Ms. SINDHU CHANDRAKANT KHOT
21.	49S_BE_3665	OIL SKIMMER REMOTE CONTROLLED BOAT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI	Prof. PRAVINA R. MALI	Ms. GANGA SIPRI Mr. ADITYA PATTAR Ms. ANANYA MANAGULI Mr. ROHIT PATIL
22.	49S_BE_4635	FOOD DELIVERY ROBOT WITH SMART MONITORING	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI	Ms. LALITHA DARBHA	Ms. SAHANA GANESHAGOUDA PATIL Ms. SHREYA SHANKAR PYATI Mr. MUBARAK NADAF Mr. ANUP S CHANAPANNAVAR
23.	49S_BE_1677	INTELLIGENT BRIDGE MONITORING SYSTEM WITH REAL TIME SENSORS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	S.J.M. INSTITUTE OF TECHNOLOGY, CHITRADURGA	Dr. KUMARASWAMY B G	Ms. KESAR MALAN C Ms. GOWRI BANGARU K R Mr. CHANDAN L Mr. KEERTHAN KUMAR T

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24.	49S_BE_4909	INTERNATIONALIZATION OF SOLAR ENERGY ADOPTION, EXCHANGE MECHANISM, AND PLATFORM VIA INTERCONNECTED NATIONAL GRIDS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, LAKSHMESHWAR, GADAG	Mrs. SHRIDEVI GOUDAR Mrs. PRATIMA B KADEKAR	Mr. ARAVIND BALARADDI Mr. A H M CHANDRASHEKAR Mr. LIKHIT BILIYANNANAVAR Mr. SHASHANK PANDITHARADHYA MUTTINPENDIMATH
25.	49S_BE_6686	NEORAKSHA: SMART INCUBATOR FOR PRETERM INFANT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, LAKSHMESHWAR, GADAG	Mrs. PRATIMA B KADEKAR	Ms. SRISHTI A SHIRAGUMPI Ms. SHREEDEVI HIREMATH Ms. SANIKA M HUTAGI Ms. MEGHA C SAHEBAGOUDARA
26.	49S_BE_6524	SEARCH AND RESCUE DRONE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU	Prof. G. VINUTHA	Mr. CHINGREISO KASHUNG Mr. CHANDAN R. Ms. GAYATRI RATHOD Mr. J. KANAKACHALA
27.	49S_BE_6618	AN IOT BASED SEMI-AUTOMATION TECHNOLOGY FOR E-WASTE SEGREGATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU	Prof. MALINI K V Dr. RAMYA K	Ms. SHREYANKA Y H Ms. LAVANYA N Mr. VISHWAS H M Ms. SINCHANA T R
28.	49S_BE_6629	SMART CABLE ROVER: ECO-FRIENDLY UNDERGROUND CABLE MONITORING ROBOT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU	Dr. R. GUNASEKARI	Mr. NACHIKETAN R N Mr. HARSHITH RAMAN R Mr. VISHWANATH B R Mr. NAGARAJ
29.	49S_BE_6710	HYBRID SOLAR-WIND POWER GENERATION SYSTEM FOR RURAL ELECTRIFICATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU	Prof. LAKSHMI K	Ms. H THEJASHWINI Ms. ALFIYA Ms. JAYANTHI Mr. SAQLAIN KHAN

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30.	49S_BE_6895	DESIGN AND IMPLEMENTATION OF AN IOT BASED SMART AGRICULTURAL MONITORING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SRI SAIRAM COLLEGE OF ENGINEERING, BENGALURU	Dr. S.SUJATHA Prof. TAMIZHSELVAN.A	Ms. SHOBITHA M Ms. SUVARNA N C
31.	49S_BE_3978	CAR SAFETY SYSTEM FOR EMERGENCY FLOOD SITUATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU	Dr. NASREEN TAJ M	Ms. NITHYASHREE C S Ms. POOJASHREE D R Ms. RAMYA G
32.	49S_BE_5596	AI ENABLED DRONE SYSTEM FOR SMART ENERGY MONITORING FOR REMOTE AND OFF-CAMPUS AREAS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU	Dr. PRAVEEN KUMAR C	Ms. BI BI SAKEENA Ms. ANJALI D U Mr. CHANDRASHEKAR C HIREMATH Mr. CHANDU
33.	49S_BE_1055	PLC BASED CONTROL PANEL FOR SCISSOR LIFT OPERATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	THE OXFORD COLLEGE OF ENGINEERING, BENGALURU	Dr. B DEVI VIGHNESHWARI	Ms. HARSHITHA B Ms. POOVAMMA A C Mr. GAGAN GAJ D Mr. PRASHANT
34.	49S_BE_1657	AUTOMATIC PORTABLE WASHROOM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	THE OXFORD COLLEGE OF ENGINEERING, BENGALURU	Dr. B DEVI VIGHNESHWARI	Ms. GAYATHRI S Ms. POOJA Ms. DEEKSHA Ms. NANDITHA D N
35.	49S_BE_0086	DESIGN AND DEVELOPMENT OF A 48V LITHIUM-ION BATTERY PACK WITH INTEGRATED BMS FOR ELECTRIC BICYCLE APPLICATIONS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	Dr. LOKESH C	Mr. ASHISH L Ms. AAMNA SUAD Mr. ASHISH S BARN Mr. RAJENDRA SAGAR
36.	49S_BE_0092	OPTIMAL PLACEMENT AND SIZING OF DISTRIBUTED GENERATION IN RADIAL DISTRIBUTION SYSTEMS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	Dr. SHOBA SHANKAR	Ms. AISHWARYA R Ms. HARSHITHA K R Ms. NEHA J U
37.	49S_BE_0093	AI & ML BASED SIGN LANGUAGE TRANSLATOR USING RASPBERRY PI	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	Dr. RASHMI S	Ms. HARSHINI G K Ms. NESARA D S Ms. MONISHA N M Ms. CHANDANA C M