



# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 49<sup>th</sup> series of Student Project Programme (SPP): 2025-26

### MIDTERM EVALUATION

Date: **7 April 2026, 9.30 AM**

Session Link: <https://meet.google.com/cvv-kbuv-wqh>

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.	49S_BE_5175	SMART VISION BOARD:NEWS AND POWER TRACKING FOR A SMARTER CAMPUS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	JAIN INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. NANDISH B M	Ms. NAYANA P Mr. SANJU NAIK M C Mr. SRINIVAS H
2.	49S_BE_5459	DESIGN AND IMPLEMENTATION OF A WEARABLE IOT DEVICE FOR DEMENTIA PATIENTS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	JAIN INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. CHETHAN H R	Mr. BHARATHA B S Ms. DEVIKA S P Ms. DHANUSHREE H R Ms. KHULSUM BANU NADAF M
3.	49S_BE_7000	AUTOMATED MUSEUM INFORMATION SYSTEM USING RFID	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	JAIN INSTITUTE OF TECHNOLOGY, DAVANAGERE	Ms. PREETA P S	Ms. NISHCHITHA G K Ms. AMEENA KHAN Ms. ANKITHA A Ms. SHABNAM J
4.	49S_BE_2939	INTEGRATION OF AI CAMERA WITH HEXAPOD ROBOT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA	Prof. SUPRITHA M.R	Mr. KARTHIK KASHYAP Mr. NIRANJANA SS Mr. NITHEESHKUMAR E Mr. ROHITH H G
5.	49S_BE_3241	DEVELOPMENT OF A SOLAR-POWERED EV CHARGING STATION USING MPPT CHARGE CONTROLLER AND BOOST CONVERTER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA	Prof. AJJANNA N G	Mr. RATHAN KUMAR M G Mr. HARSHA S Mr. SRINIVAS M P

6.	49S_BE_4018	VERTICAL WINDMILL SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA	Prof. AJJANNA. N G	Mr. KRUPAKAR.HK Mr. GURUPRASAD.DS Mr. SANDESH R Mr. SURAJ.M
7.	49S_BE_6581	DESIGN AND DEVELOPMENT OF A PLC-BASED INTELLIGENT AUTOMATIC PHARMACY VENDING AND MEDICINE DISPENSING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI	Mr. PRAKASH M N Dr. PRAKASH KERUR	Ms. TEJASHWINI B SALMANI Ms. VEENA M PATIL Mr. SHANKAR P KALE Mr. RISHI M KAVADIMATTI
8.	49S_BE_1766	SMART HOME WITH GOOGLE ASSISTANT AND ALEXA USING NODEMCU ESP8266	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	K.L.S. VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, HALIYAL, UTTARA KANNADA	Prof. RAJESHWARI NANANNAVAR	Mr. OMKAR CHAVAN Mr. MARUTI GOUDRA Mr. ROHIT PAWAR Mr. SUJAL CHANNABASAPPA AKKI
9.	49S_BE_4330	WEATHER REPORTING AND STREAMING WITH GRAPHS USING IOT	B.E.	ELECTRICAL AND COMMUNICATION ENGINEERING	LINGARAJAPPA ENGINEERING COLLEGE, BIDAR	Dr. SAGARKUMAR BUYYA	Ms. SUMAN Ms. PALLAVI Mr. PARMESHWAR
10.	49S_BE_1751	A REMOTE CONTROL ARDUINO BASED SPRAYER FOR AGRICULTURAL PESTICIDES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	LINGARAJAPPA ENGINEERING COLLEGE, BIDAR	Mrs. BASAGONDA CHANDRIKA Mr. BASAVRAJ	Ms. PRIYANKA LAL Ms. NISHI SURYAVANSHI Ms. POOJA Ms. RANI
11.	49S_BE_5399	DESIGN AND DEVELOPMENT OF A SELF-POWERED IMPLANTABLE MEDICAL DEVICE USING THERMOELECTRIC ENERGY HARVESTING WITH INTELLIGENT MPPT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU	Dr. S NAGARAJA RAO Mr. PRAVEEN KUMAR VARANASI	Ms. LAKSHMISHREE S Mr. ANKUSH M PATIL Ms. BHANUPRIYA Mr. HONNURASWAMY T

12.	49S_BE_5490	DEVELOPMENT OF SUSTAINABLE HYDROGEN-POWERED EMERGENCY BACKUP SYSTEM FOR VENTILATORS AND ICU EQUIPMENT WITH HIGH-GAIN CONVERTER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU	Dr. S. NAGARAJA RAO Dr. PRANUPA S	Ms. VIDYASHREE D Ms. CHAITHRA M Ms. NALINA H Mr. MANOJ M S
13.	49S_BE_6697	DESIGN AND IMPLEMENTATION OF FLIGHT CONTROLLER FOR A VTOL UNMANNED ARIEL VEHICLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	M.V.J. COLLEGE OF ENGINEERING, BENGALURU	Prof. RENJINI E NAMBIAR	Mr. RANGANATH S Mr. SAMUEL D Mr. SACHINRADDI HANAMARADDI SHIDNEKOPPA Mr. SHIVAKUMAR NAYAK G V
14.	49S_BE_0327	PORTABLE, HUMAN-ENERGY CHARGER FOR RURAL AND EMERGENCY USE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. SUJITHA S	Ms. BHAVANA C Mr. CHARAN KORA Mr. CHARAN D S
15.	49S_BE_0331	GENERATION OF ELECTRICITY USING SOLAR-WIND HYBRID SYSTEM TO CHARGE ELECTRIC VEHICLES WITH V2H CAPABILITY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Prof. VINOD KUMAR S Dr. S SUJITHA	Mr. TIROTAMAN K Ms. MEENAKSHI J C Ms. RESHMA RAJ K R Ms. SHREYA N
16.	49S_BE_0441	DEVELOPMENT OF AN INTELLIGENT REAL-TIME ROUTE OPTIMISATION AND NAVIGATION SYSTEM FOR TRAFFIC MANAGEMENT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Mrs. SANGEETHA C N	Ms. GOWRI MANOJKUMAR Ms. IQRA BASHIR
17.	49S_BE_0587	DESIGN OF NEXT GENERATION WATER ATM FOR DROUGHT AREAS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. AGALYA V	Mr. PUNITH KUMAR D Mr. YATHISHKUMARA DR Mr. PAVAN KUMAR M Mr. INDRA VARMA

18.	49S_BE_0667	REAL-TIME MONITORING AND PRIORITY LOAD BALANCING SYSTEM FOR ELECTRIC VEHICLE CHARGING IN THREE-PHASE DISTRIBUTION NETWORKS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Prof. SUNIL S K	Mr. PRAJWAL MR Mr. PRAVEENKUMAR RAMESH KARIGAR Mr. T PURUSHOTAM Mr. V BHARGAV
19.	49S_BE_2886	AI-ASSISTED REAL-TIME ROUTER FOR INTELLIGENT ELECTRIC VEHICLE COMMUNICATION SYSTEMS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. S. SUJITHA	Mr. RAJ SINGH Mr. NISHANT GUPTA Ms. RANI GUPTA R Ms. RENUKA R RAMAKRISHNAN
20.	49S_BE_2938	DEVELOPMENT OF FLEXIBLE POLYMER NANOCOMPOSITE FILMS FOR ELECTROMAGNETIC INTERFERENCE (EMI) SHIELDING APPLICATIONS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SHREERAM V KULKARNI Dr. PRAVEEN NAIK	Mr. VARUNA M Mr. YUVRAJ SINGH Ms. CHANDANA A
21.	49S_BE_5090	AI-OPTIMIZED RENEWABLE ENERGY ELECTRIC FENCE ENERGIZER WITH ADAPTIVE VOLTAGE CONTROL AND IEC SAFETY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Ms. REMYA MADHAVAN U	Mr. VISHWANATH REDDY Ms. VAISHNAVI K Mr. PRAJWAL HG
22.	49S_BE_6420	DYNAMIC HYBRID THERMAL MANAGEMENT SYSTEM FOR LITHIUM - ION BATTERY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Ms. SMITHA B	Mr. DHEERAJ.C Mr. VIVEK G. N Ms. SALONI MARIA VAS Mr. SHREYAS DUBEY