

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### MIDTERM EVALUATION

Date: 6 June 2024, 9.15 AM

Session Link: <https://meet.google.com/hni-uugh-uuo>

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.	47S_MTech_0080	INTERACTIVE ENERGY MONITORING AND OPTIMIZATION SYSTEM FOR MICROBIAL FUEL CELL BASED ELECTRICITY GENERATION	M.Tech	ELECTRICAL AND ELECTRONICS ENGINEERING	B.M.S. COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Dr. NETHRAVATHI S. Dr. B. VENKATESH	Mr. NAGENDRA REDDY H.
2.	47S_BE_4534	AUTONOMOUS LEGO LINE FOLLOWING ELECTRIC VEHICLE (EV) WITH SELF CHARGING TECHNOLOGY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI	Dr. PRAKASH KERUR	Mr. SANKALP R. ANGADI MR. RAVI BADAWADAGI MR. SHASHANK S. HIREMATH MR. D. SAIKARTHIK
3.	47S_BE_4875	MULTI-INPUT DC-DC CONVERTER FOR HYBRID ELECTRIC VEHICLES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI	Prof. KEERTHI KUMAR S. H.	Mr. VISHAL KARIGAR Mr. SHIVARAJ GUGRI Mr. VARUN TALWAR
4.	47S_BE_5233	VEHICLE EMISSION MONITORING, DETECTING AND TRACKING USING GPS & GSM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI	Dr. PRAKASH KERUR Dr. PRAKASH KERUR	Mr. ATHAR PARVEZ MADAKI Mr. SAI PRASAD ACHARYA Mr. SALEEMAHAMAD NAGANOR Mr. SAYED ASEEL ATHAR KAZI

5.	47S_BE_5369	DESIGN AND IMPLEMENTATION OF SPEED CONTROL SYSTEM FOR ELECTRIC BIKE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	K.L.E. INSTITUTE OF TECHNOLOGY, HUBBALLI	Dr. VINODA S	Mr. APPASABGOUDA S. B. Mr. ANANDGOUDA N. Ms. JAGADESHWARI J. Ms. ANUSHA K.
6.	47S_BE_3858	ECODRIVE+ : AUTONOMOUS ELECTRIC VEHICLE USING SOLAR TRACKER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	M.S. RAMAIAH UNIVERSITY OF APPLIED SCIENCES, BENGALURU	Mr. PRAVEEN KUMAR VARANASI Dr. SHAMA RAVICHANDRAN	Mr. PUNITH RAJ J. S. Mr. NESAR G. GOWDA Mr. DHANRAJ M.
7.	47S_BE_1728	DESIGN AND IMPLEMENTATION OF HYBRID CHARGING STATION FOR ELECTRIC VEHICLES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	M.V.J. COLLEGE OF ENGINEERING, BENGALURU	Dr. SHIMA RAMESH MANIYATH Ms. BINI BABU	Mr. HEMANTH M. Ms. POOJITHA T. N. Mr. SURAJ B. V.
8.	47S_BE_1733	DESIGN AND DEVELOPMENT OF AUTOMATED HYDROPONICS SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	M.V.J. COLLEGE OF ENGINEERING, BENGALURU	Mrs. RENJINI E. NAMBIAR Dr. R. RAJARAJAN	Ms. YOGANA B. S. Mr. CHETAN RAO V. Ms. N. B. ASHWINI Ms. RAKSHITA R. K.
9.	47S_BE_1776	ACTIVE TEMPERATURE CONTROL OF LI-ION BATTERY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	M.V.J. COLLEGE OF ENGINEERING, BENGALURU	Prof. GAYATHRI R. Dr. V. R. RAJAN	Mr. TEEGESH T. R. Ms. K. SOUNDARYA SAGAR Mr. TAHIR ALI
10.	47S_BE_1910	MEDICAL WASTE SEGREGATION AND MANAGEMENT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	M.V.J. COLLEGE OF ENGINEERING, BENGALURU	Prof. RENUKAMBA J N Dr. M. ELENCHZHIAN	Ms. HARSHITA M. A. Mr. K. LIKITH PRASHANTH Mr. KEDAR K. B.
11.	47S_BE_3457	DISPLACEMENT POWER FACTOR CORRECTION USING REACTIVE POWER COMPENSATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE	Mr. DINESH SHETTY	Mr. KANZAL HAQ A. Mr. AKASH P. Mr. SHREYAS S. Ms. GEETHANJALI S.
12.	47S_BE_0019	A PORTABLE IMPROVED SOLAR HOME LIGHTING SYSTEM WITH LiFePO4 BATTERY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. VINOTH KUMAR K. Mrs. ANITHA A.	Mr. ADVAITH MADHAVAN Mr. KHADIM HUSSAIN Mr. KOVVURI JAVED AJMAL BABA Mr. M. P. JAWAHAR

13.	47S_BE_0020	FARMGUARD: AUTOMATED ANIMAL DETECTION AND MONITORING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. S. SUJITHA	Ms. DISHA M. Ms. HARSHIKA Ms. HEMAVATHI V. Ms. AAMNA NAFIZA
14.	47S_BE_0023	EMPOWERING MOBILITY FOR DISABLED: DESIGN AND FABRICATION OF E-TRICYCLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. S. SUJITHA	Mr. SANJAN R. Mr. MOHAMMED IMAD Mr. SHASHANK JOSHI Ms. SNEHA S. A.
15.	47S_BE_0026	EV TOUCH START FINGERPRINT - POWERED IGNITION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. S. SUJITHA	Mr. GAGAN M. Mr. ARUNESH KUMAR SINGH Mr. VARUN P. C.
16.	47S_BE_0031	SOLAR POWERED INDUCTION MOTOR SPEED CONTROL USING IOT FOR AGRICULTURE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. VINOTH KUMAR K.	Mr. KAMALESH BADOLA Mr. KUSHAL NAIK K. Mr. LAVA KUMAR M. N. Mr. MOHAMMAD AMAN
17.	47S_BE_0052	LOAD FREQUENCY CONTROL OF ISOLATED HYBRID MICROGRID	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. MAUSRI BHUYAN	Mr. ANSHU KUMAR U. Mr. ADITYA NARAYAN Mr. AKSHAT SHAJI
18.	47S_BE_0069	ENHANCED ELECTRIC PROPULSION AND STABILITY CONTROL IN TWO-WHEELED VEHICLES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. S. SUJITHA	Mr. DAYAS A. DIXEN Mr. DHEERESH VIJAY DEVADIGA Mr. DONY SNEHIT P. Ms. HARSHITHA K.
19.	47S_BE_3584	DESIGN OF STAND-BY POWER SAVING DEVICE USING IOT AND ITS APPLICATIONS IN HOME APPLIANCES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. MEGHANA A. Dr. SINGARAVELAN A.	Mr. Y. ABHISHEK NAIDU Mr. NITHIN N. G. Mr. ARUN KUMAR SANGANAL
20.	47S_BE_3992	DESIGN AND FABRICATION OF SOLAR DRYER FOR RAISINS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	P.D.A. COLLEGE OF ENGINEERING, KALABURAGI	Dr. SANGAMESH G. SAKRI	Mr. KARTIK Mr. CHETAN Mr. KRASHNAREDDY Mr. FURKHAN

21.	47S_BE_4389	PROBABILISTIC MODELLING OF FUTURE ELECTRICITY SYSTEMS WITH HIGH RENEWABLE ENERGY PENETRATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	P.D.A. COLLEGE OF ENGINEERING, KALABURAGI	Prof. AKSHAY S ASPALLI	Mr. MOHAMMED KAIF AHMED Mr. MOHAMMED IMRAN SHAIKH Mr. NIKHIL Mr. MOHAMMED MUKHTADEER
22.	47S_BE_3450	SELF EXICITED POWER GENERATION USING MAGNETIC FORCE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA	Mrs. KALAPANA S.	Mr. KEERTHI K. Mr. GIREESH KUMAR G. Mr. MANJUNATH RAMA GOUDA Mr. SAI KUMAR C.
23.	47S_BE_3627	SMART ATM CARD FOR MULTIPLE BANK ACCOUNTS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA	Mr. KIRAN M. R.	Mr. OMPRAKASH S. M. Mr. RAGHAVAN A. Mr. SHOBHARAJ C. Mr. VINAY KUMAR K. M.
24.	47S_BE_5226	WASTE CARBON CAPTURE FOR SUSTAINABLE PRODUCT DEVELOPMENT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	P.E.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SHIVAMOGGA	Mr. KIRAN M. R.	Mr. NANDAN RAGHUPATHI HEGDE Mr. PRAVEENA K. S. Mr. RAVEESH GANAPATI HEGDE
25.	47S_BE_4363	SMART METERING TO COMBAT ENERGY THEFT USING BLOCKCHAIN TECHNOLOGY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	PRESIDENCY UNIVERSITY, BENGALURU	Dr. RAVI V. ANGADI	Mr. NAGENDRA B. Mr. KISHORE TEJA S. N. Mr. ANAND U. R. Mr. MANJUNATH K.
26.	47S_BE_5330	GENERATION OF POWER, EXTRACTING MAXIMUM POWER FROM URINE WASTE THROUGH MICROBIAL FUEL CELL.	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	PRESIDENCY UNIVERSITY, BENGALURU	Mr. BISHAKH PAUL	Mr. KUSHAL R. Mr. RAMEGOWDA K. T. Ms. HAMSA SHREE R. Ms. FIZA
27.	47S_BE_1543	SOLAR WIRELESS ELECTRIC CHARGING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	R.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SHIVAKUMARA SWAMY S. Prof. PRADEESHA J	Mr. DEVPUKAR CHAUDHARY Mr. VADDE PAVAN Mr. VINAYAK MISHRA

28.	47S_BE_4880	GESTURE CONTROLLED MISSILE LAUNCH USING ZIGBEE AND ARDUNIO	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Prof. UDHYAMI M. B.	Ms. SEETHA LAKSHMI PEROTH Ms. RIDA SHARIFF A. Ms. SHIVAMANI C. R.
29.	47S_BE_2401	AUTOMATED SHOPPING TROLLEY FOR SUPER MARKET BILLING SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	RAJEEV INSTITUTE OF TECHNOLOGY, HASSAN	Mr. VELU A.	Mr. JEEVAN M. M. Mr. DARSHAN H. M. Mr. VINAYPRASAD H. M. Ms. SAHANA S. M.