

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus

## 46<sup>th</sup> SERIES STUDENT PROJECT PROGRAMME:2022-23

### MIDTERM EVALUATION

**Date:** 5th June 2023 (Monday), 9:00 AM

**Session Link:** <https://meet.google.com/cnv-fnyz-nkn>

**Note:** Only the below-mentioned project teams should join the session

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE COLLEGE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)
1.	46S_BE_3091	DEVELOPMENT OF ERGONOMIC AFFORDABLE PROSTHETIC ARM FOR TRANSRADIAL AMPUTEES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	A.T.M.E. COLLEGE OF ENGINEERING, MYSURU	Mr. SHREESHAYANA R Dr. PARTHASARATHY L	Mr. MOHAMMED ISMAIL Mr. MOHAMMED ASHFAQ Mr. MOHAMMED SYED YAKOOB Mr. NOOR KAMIL
2.	46S_BE_3115	DESIGN AND FABRICATION OF SOLAR POWERED PORTABLE MEDICAL REFRIGERATOR FOR REMOTE AND RURAL AREAS USING PELTIER EFFECT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	A.T.M.E. COLLEGE OF ENGINEERING, MYSURU	Mrs. SOWMYASHREE K S Dr. PARTHASARATHY L	Mr. SAMPATH KUMAR G Mr. CHANAKYA T S Ms. PALLAVI K Mr. PRAJWAL
3.	46S_BE_3800	DESIGN AND DEVELOPMENT OF EV FAST CHARGER FOR INDIAN DISTRIBUTION SYSTEM	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. SUNIL KUMAR A V	Mr. MOHIT Ms. DEEPA G K Ms. MEGHANA P Ms. NOORJAHAN SHIVANGUTHI

4.	46S_BE_1340	DUAL OPERATING PARABOLIC TROUGH RECEIVER FOR FOOD COOKING AND HOT WATER GENERATION FOR RURAL AREAS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAVI	Prof. KANTESH D.C	Ms. VARSHA J OSWAL Mr. KAUSHIK DHULASHETTY Mr. HAREESH BHEEMAPPA BALANNVAR Mr. KIRAN TELI
5.	46S_BE_1364	DESIGN AND FABRICATION OF STEP SOLAR OVEN USING SENSIBLE HEAT AS STORAGE MEDIUM FOR REFUGEE CAMPS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAVI	Prof. KANTESH D.C	Ms. MAYURI CHIKKORDE Ms. MEGHA KARIGANNAVAR Mr. OMKAR BABAN PATIL Mr. SAGAR ASHOK TIKARE
6.	46S_BE_4299	AUTOMATED LIBRARY MANAGMENT ROBOT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	B.L.D.E.A'S V.P DR P.G.HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA	Prof. VINAY KOLUR	Ms. LAKSHMI A MOTAGI Ms. JNANAVI B Ms. KAJAL RATHOD Mr. ANKUSH MALI
7.	46S_BE_4397	PORTABLE PLASTIC BOTTLE CRUSHING & WASTE MONITORING SYSTEM USING IOT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	B.L.D.E.A'S V.P DR P.G.HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA	Prof. S .G. KULKARNI Prof. P.M. KADI	Ms. MUSKAN B SHIVANAGI Ms .KEERTI PATTAR Ms. DEEPA MAKHA Ms. MAMATA RATHOD
8.	46S_BE_5105	LEAF DISEASE DETECTING ROBOT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	B.L.D.E.A'S V.P DR P.G.HALAKATTI COLLEGE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA	Dr. VEERESH GONAL	Ms. SWATI BHUSHETTI Ms. DEEPA JADHAV Ms. PARVATI JANGAMASHETTI Ms. SUSHMITA AWATI
9.	46S_BE_3608	DESIGN AND FABRICATION OF MICRO DRONE FOR SURVEILLANCE OF HAZARDOUS REMOTE ENVIRONMENT	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	B.M.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, YELAHANKA, BENGALURU	Mr. BABU NAIK G	Mr. KARAN KISHORE Mr. VISHAKHA AITHAL Ms. GAYATRI JALTARE Ms. VERTIKA SRIVASTAVA

10.	46S_BE_5428	REGENERATIVE BRAKING FOR ELECTRIC VEHICLE USING BIDIRECTIONAL CONVERTER	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	B.N.M. INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. ASHWINI A	Mr. ANEESH UPADHYA Ms. NIMRA FATHIMA Mr. VISHNU B KASHYAP Ms. YASHASWINI M
11.	46S_BE_5054	DESIGN, DEVELOPMENT AND PERFORMANCE ANALYSIS OF MULTI-TASK, MULTI-TANK WATER LEVEL CONTROLLER WITH AUTOMATED POWER SUPPLY FOR MULTISTORE BUILDINGS.	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT	Dr. BASANGOUDA F. RONAD Mr. GIRISH BADRAGONDA	Ms. S.SPURTHI Mr. PREMKUMAR A KULEKUMATAGI Mr. BALCHANDRA C CHANDRAGIRIVAR Mr. KOMAL C TELI
12.	46S_BE_5487	DEVELOPMENT & FABRICATION OF VAWTG BLADES USING NATURAL FIBRES FOR DOMESTIC USAGE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	B.V.V. SANGHA'S BASAVESHWAR ENGINEERING COLLEGE, BAGALKOT	Prof. S. Y. GOUDAPPANAVAR Dr. SURESH H JANGAMSHETTI	Mr. VINAYAK B HOSAMANI Mr. BASANAGOUDA MALIPATIL Mr. PARAMANAND HANCINAL Ms. VEENA S GIDAGANTI
13.	46S_BE_2726	CELL BALANCING IN ELECTRIC VEHICLE BATTERY PACK	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. G SUDHA	Ms. SAMYUKTHA M Ms. JISHA GEORGE Ms. SUSHMITHA SUDHARSHAN Ms. SONAM
14.	46S_BE_4101	SOLAR PV- BATTERY AND DIESEL GENERATOR BASED ELECTRIC VEHICLE CHARGING STATION	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU	Ms. ASHA R Prof. NAKSHATRA SHANKAR	Ms. NIDHI MISHRA Mr. SHIVAM KUMAR PANDEY Mr. PRASHANT MISHRA Ms. ANUPAMA T
15.	46S_BE_2154	AI BASED VIRTUAL PRESENCE ROBO	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. VIJI K	Mr. ATHAR AHMED Mr. BATHINENI KOWSHIK Ms. GAJJALA KOUSITHA Ms. NEHASHREE V T

16.	46S_BE_1145	RANGE EXTENSION OF ELECTRIC VEHICLE	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	CAMBRIDGE INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. HEMA A Prof. SUNIL KUMAR P	Mr. MOHAMED UNAIS Mr. AWEZ MUBARAK A Mr. ANKIT SINGH Mr. ADARSH N D
17.	46S_BE_2099	ELECTRIC POWER GENERATION USING RAILWAY TRACK	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU	Mr. MANJUNATHA M N	Mr. VENKATESH B R Mr. YASHWANTH C S Mr. KARTHIK D Mr. SHASHANK N
18.	46S_BE_3852	PV SYSTEM MPPT METHOD WITH FUZZY LOGIC	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	CHANNABASAVESHWARA INSTITUTE OF TECHNOLOGY, TUMAKURU	Mr. VINAYA B K	Mr. MANU H Mr. SRINIVAS M N Mr. HARSHITH G K Mr. MANJUNATH H G
19.	46S_BE_4350	EV CHARGING SYSTEM THROUGH MINI VERTICAL WIND MILLS FOR SMART CITY	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, SHIVAMOGGA	Mr. VIDYASHANKAR M	Ms. YASHASWI SAGAR D Ms. VEDAMURTHY V K Mr. MOHAMMED YUSUF KHAN Ms. APRAMEYA M S
20.	46S_BE_4533	IOT BASED INTELLIGENT OUTDOOR AQUAPONICS WITH AUTOMATED GROW LIGHTS	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	JAWAHARLAL NEHRU NATIONAL COLLEGE OF ENGINEERING, SHIVAMOGGA	Mrs. SUPRITHA M R	Mr. SHREENIVAS M NADIG Mr. SIDDESH G R Mr. LINGANANDA GALI Mr. SIDDARTH G S
21.	46S_BE_2040	DYNAMIC WIRELESS CHARGER FOR ELECTRIC VEHECLES	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	K.L.S. VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, HALIYAL, UTTARA KANNADA	Dr. UTTAM S SATPUTE	Mr. MD SALAHUDDIN KAZI Ms. S. SWATI Mr. MRUTHYUNJAYA KOTI Mr. SIDRAM PATIL
22.	46S_BE_2072	3D PRINTER USING ARDUINO MEGA AND RAMPS 1.4 BOARD	B.E.	ELECTRICAL AND ELECTRONICS ENGINEERING	K.L.S. VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, HALIYAL, UTTARA KANNADA	Prof S M INAMADAR	Mr. BHARADVAJ BHAT Mr. RAHUL C KHOT Mr. SAGAR DEVARADDI Mr. UMESH NARAYANA