

# 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:** 3rd June 2023 (Saturday), 9:00 AM

**Session Link:** <https://meet.google.com/uir-zyok-wnj>

**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_2957	EYE CONTROLLED WHEEL CHAIR USING ARDUINO	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.C.S. COLLEGE OF ENGINEERING, BENGALURU	Mr. NAGESH H B	Mr. SAJIN S Mr. PRASHANTH HALAGERI C Mr. NIKHIL SWAMY B C Mr. NANDAN C L
2.	46S_BE_0065	BILIRUBINOMETER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, MANGALURU	Dr. SHANTHARAMA RAI C Dr. KIRAN KUMAR VG	Mr. SWAROOP Ms. MOKSHA Mr. ABIN BABU Ms. TRUPTHI M
3.	46S_BE_0075	LOW COST SMART SPIROMETER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, MANGALURU	Dr. GNANE SWARNADH SATAPATHI Dr. RANJAN KUMAR MAHAPATRA	Mr. ADITHYA SUBRAHMANYA SHARMA P Mr. ASHLESH S Ms. SANIHA
4.	46S_BE_1193	AUTOMATIC HARVESTER FOR TUBEROSE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.M.C. ENGINEERING COLLEGE, BENGALURU	Mr. AMBILY BABU	Ms. MEGHA M Ms. MEGHANA J Ms. DEEKSHA R SHETTY Ms. JAYA MIZAR

5.	46S_BE_2989	SUPER CAPACITOR BUS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.M.C. ENGINEERING COLLEGE, BENGALURU	Mrs. G.V.ASWINI	Mr. PRAJVALSHEKHAR S V Mr. RAGHU V Mr. BHARGAV.T.R Mr. NAGENDRA C S
6.	46S_BE_3162	INTERACTIVE 3D HOLOGRAPHIC VISUALIZER WITH VR CONTROL	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.M.C. ENGINEERING COLLEGE, BENGALURU	Dr. MEENA DESHPANDE	Mr. SKANDA KUMAR Mr. SYED AQEEB A Mr. THIMMESH R Mr. MOHAMMED SADIQ NAGUR
7.	46S_BE_2374	SMART SAFETY SECURITY (SSS) HELMET	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.P.S. COLLEGE OF ENGINEERING, BENGALURU	Mr. PURVA KAMATH MHAMAI	Ms. RAJATHA R Ms. MADHUSHREE H T Ms. MOWLYA P Ms. HEMAVATHI M
8.	46S_BE_5033	IOT BASED SELF-DRIVING CAR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.P.S. COLLEGE OF ENGINEERING, BENGALURU	Mr. THEODORE JESUDAS E DANDIN	Mr. YASHWANTH KUMAR S Mr. BHARATH H Mr. PALANIAPPAN N Mr. RAHUL V
9.	46S_BE_4086	SOLAR PANEL CLEANING ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.T.M.E. COLLEGE OF ENGINEERING, MYSURU	Mrs. HARSHITHA N Mr. GURUPRASAD	Mr. NIJAGUNA SWAMY B S Mr. MAHADEVA PRASAD G S Mr. PRAJWAL C Mr. R V CHANDAN
10.	46S_BE_4182	DETECTION AND SURVEILLANCE OF UAV BASED ON RF AND RADAR TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.T.M.E. COLLEGE OF ENGINEERING, MYSURU	Mrs. KEERTHI KUMBAR Ms. ANUPAMA SHETTER	Mr. HARSHA M Ms. HIBA MAHIN Mr. RAJAT NARAYAN HEGDE Mr. ROHITH KUMAR K
11.	46S_BE_5359	LAND SURVEY AND MAPPING FOR AGRICULTURE PURPOSE USING UAV	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. SUJATHA B M	Mr. VISHRUTH Mr. SUDEEP S D Mr. T VARUN Mr. PAVANAKUMAR Y CHAVHAN

12.	46S_BE_1783	ARDUINO BASED AUTOMATIC SEED SOWING AND SPRAYING AGRICULTURE ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU	Dr. HARISH M S Mrs. TASMIA NAMREEN A	Ms. IMPANA H B Ms. BHAVANA G N Ms. CHANDANA M S Mr. MANOJ M
13.	46S_BE_3040	WIRELESS WEATHER MONITORING AND AUTOMATION FOR FARMERS USING IOT AND LORA TECHNOLOGIES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ADICHUNCHANAGIRI INSTITUTE OF TECHNOLOGY, CHIKKAMAGALURU	Mr. GIRISH S Mr. MADHUPRAKASH R	Mr. JINSON K T Mr. KARTHIK D M Ms. KAVYA J M Mr. NISHANTH G N
14.	46S_BE_2282	IOT BASED REAL TIME MONITORING AND CONTROL SYSYEM FOR MUSHROOM FARM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI	Mr. SUDHAKAR H.M	Mr. SHASHANK S KASHYAP Mr. PRATHEEK KUMAR Ms. SUMA Ms. SATHVI
15.	46S_BE_2950	FERTILIZER TESTING MACHINE USING NPK	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI	Mr. GURUPRASAD B	Mr. VYBHAV GOWDA M Mr. RAHUL S Ms. NIVEDITHA A Ms. SHWETHA H M
16.	46S_BE_0882	LOW-COST SELF-CHARGING HYBRID ELECTRIC BICYCLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	AMRUTA INSTITUTE OF ENGINEERING AND MANAGEMENT SCIENCES, BIDADI	Mrs. HAMSAVENI N	Ms. SHWETHA S Mr. ROHAN H R Ms. SHRINIDHI S Mr. SHARATH R
17.	46S_BE_1430	ARDUINO BASED AUTOMATIC RATION MATERIAL DISTRIBUTION USING FINGERPRINT TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	AMRUTA INSTITUTE OF ENGINEERING AND MANAGEMENT SCIENCES, BIDADI	Dr. PRATIBHADEVI TAPASAHETTI	Ms. TEJA SHREE S Ms. ASHWINI Ms. GAYATHRI S Y MS. YASHASWINI T M
18.	46S_BE_1324	SOLAR OPERATED WASTE OIL AND GARBAGE SKIMMING DRIVERLESS BOAT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAVI	Mr. SRIRAM KULKARNI	Mr. AKASH A CHOUGULE Mr. ASHISH BANGYAGOL Mr. RAHUL U SANK Mr. PAVAN R GADIGEPPAGOL
19.	46S_BE_2878	LANDMINE DETECTION USING DRONE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAVI	Prof. GURURAJ KULKARNI	Mr. SHOHEB YADWAD Mr. MOHIT HUNDRE Mr. BALESH HUNSHYAL Mr. VISHAL R GURAV

20.	46S_BE_2945	SMART GLOVES FOR DEAF AND MUTE PERSON	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ANJUMAN INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BHATKAL	Prof. SARFRAZ MIRZANAİK	Mr. ABDUL MUFEED MULLA Mr. AYSHA UMAİMA Mr. EHAB
21.	46S_BE_3001	DUAL MODE MULTIFUNCTIONAL AUTOMATIC GRASS CUTTER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ANJUMAN INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BHATKAL	Prof. SHRISHAIL BHAT	Ms. FATHİMA ENAS Ms. SHREYA KRISHNANAND SHET Mr. NOOTAN VENKATESH MULGAONKAR Mr. VASUDEV İSHWAR NAIK
22.	46S_BE_1636	ACTION CONTROLLED INDUSTRIAL ROBOTIC ARM USING HC-05 WIRELESS TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. SAMPADA H K	Mr. DHANUSH R V Mr. CHETHAN V Mr. DARSHAN D S Mr. LİKİTH KUMAR N
23.	46S_BE_1687	IOT BASED SMART SHOE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. V.N.P PRASUNA	Ms. DEBLİNA SHİT Mr. AKSHA M HEGDE Ms. BHARGHAVİ S Mr. DEEPANSHU YADAV K
24.	46S_BE_2310	HAND GESTURE CONTROLLED ROCKER-BOGİE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. VASANTHİ S	Mr. İDRİS AHMED KHAN Mr. LEONAL PHİLİP Mr. DİNESH D Ms. KİRTİ VARDHAN
25.	46S_BE_3324	DİGİTAL LİGHT PROCESSİNG AND FUSED DEPOSITION MODELİNG 3D PRİNTER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. KESHAVAMURTHY	Mr. RAPHAELLA SİNGH Mr. VAMSHİKRIŞHNA B Mr. GABRIELLA SİNGH Ms. KAJAL RATHORE
26.	46S_BE_3432	SELF BALANCİNG ROBOT USING ARDUİNO AND İMPLİMENTİNG İT ON SEGWAYS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. RAKHİ S	Ms. CHAİTHRA SURESH NAIK Mr. CHETAN K A Mr. BHARGAVA B L Mr. BHARATH M

27.	46S_BE_1629	AN IOT SYSTEM FOR REAL TIME MONITORING AND CONTROLLING WASTE WATER	B.E.	COMPUTER SCIENCE AND ENGINEERING	C. BYREGOWDA INSTITUTE OF TECHNOLOGY, KOLAR	Mrs. SUMARANI.H	Ms. THANUJA A M Ms. MIZBA SIDDIQA Ms. SHASHIREKHA K Ms. UZMA SHARIFF
28.	46S_BE_2362	SMARTCAP-WEARABLE VISUAL GUIDANCE FOR BLIND USING MACHINE LEARNING	B.E.	COMPUTER SCIENCE AND ENGINEERING	C. BYREGOWDA INSTITUTE OF TECHNOLOGY, KOLAR	Ms. KAVITHA N Mr. VASUDEVA R	Mr. DHEERAJ SRIVATSA KS Mr. DANISH ARA Mr. ALMAS AMEEN Ms. GAGANA T
29.	46S_BE_2985	SUGGESTION OF APPROPRIATE CROPS BASED ON RAINFALL AND GROUNDWATER ANALYSIS	B.E.	COMPUTER SCIENCE AND ENGINEERING	C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. SAGARIKA BEHERA	Mr. DEVADATHAN MENON Ms. GAYATHRI V SHENOY Ms. JOSEPHINE MEGHANA SURESH
30.	46S_BE_0760	AN ASSISTIVE TOOL FOR THE VISUALLY IMPAIRED IN GETTING ACCESS TO INFORMATION IN THE NEWS REALM	B.E.	INFORMATION SCIENCE AND ENGINEERING	C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. VYSHALI RAO K P	Ms. ABIRAMI SREERENGANATHAN
31.	46S_BE_2396	EFFECTIVE UNDERWATER MINE DETECTION USING RESNET-50 AND DEEP NEURAL NETWORK APPROACH	B.E.	COMPUTER SCIENCE AND ENGINEERING	CAUVERY INSTITUTE OF TECHNOLOGY, MANDYA	Mrs. HEMACHANDER N Ms. SACHITH B K	Ms. SANDHYA S Ms. MALA M Ms. PRAMODINI M N Ms. SAHANA K