KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus

46th SERIES STUDENT PROJECT PROGRAMME:2022-23

MIDTERM EVALUATION

Date: 21th June 2023 (Wednesday), 9:30 AM

Session Link: https://meet.google.com/crv-ngtu-gbn

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_0064	INDUSTRIAL BOILER MONITORING USING IOT AND OPTIMIZATION OF COMBUSTION BY NEURAL NETWORKS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. BHAVYA A B Mrs. ROOPA B S	Mr. CHETHAN M Mr. ARUN SUBAN M Mr. CHETHAN M R Mr. RAJESH KUMAR J
2.	46S_BE_0066	AERIAL AGRI-CIDES USING KINESICS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. SHASHI RANJAN	Mr. DARSHAN P Mr. AKASH R Mr. BHASKAR M Mr. DEEPAK L
3.	46S_BE_1750	IOT BASED AIR QUALITY MONITORING WITH MULTI-MODEL ANALYSIS USING MACHINE LEARNING ALGORITHM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. AMBEDKAR INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. NAGARATHNA H S	Ms. CHAITHRA H G Ms. ASHWINI H K Ms. BHAVANA T Ms. HARIPRIYA R
4.	46S_BE_3845	TOMATO PLANT LEAF DISEASE IDENTIFICATION AND PREVENTION USING IMAGE PROCESSING AND IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY, KOLAR	Prof. TAMIL VANI R Dr. JENITHA A	Ms. DIVYA SWETHA J Ms. SAHANA K Ms. SOWMIYA J
5.	46S_BE_2213	EV BMS WITH CHARGE MONITOR AND FIRE PROTECTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	EAST POINT COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	Prof. VETRIKANI R	Mr. ANNU KUMARI Mr. GIRISH M Mr. UDAY GOWDA M

6.	46S_BE_4751	NANO-ENGINEERED INK FOR DESIGNING 3D PRINTABLE FLEXIBLE ELECTRONICS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	EAST POINT COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	Dr. MANJUNATHA.M Dr. YOGESH.G.S	Mr. THILAK GOWDA Mr. YASHAS .D Ms. ASHWINI K S
7.	46S_BE_3078	SMART DRAINAGE MONITORING SYSTEM USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	EAST WEST COLLEGE OF ENGINEERING, YELAHANKA, BENGALURU	Prof. SUMA P	Mr. SANATHKUMAR M KAMAL Mr. POORNACHANDRA C AJAGANNANAVAR Mr. SANJAY Y P Mr. SUNNY LAXMAN PATIL
8.	46S_BE_4405	IMPLEMENTION OF ANTI GLARE HIGH BEAM AND BENDING LIGHTS FOR VEHICLES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	EAST WEST INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. NIVENDITHA B S	Ms. CHANDANA H D Ms. BHAVYASHREE A Ms. DYUTHI P Ms. LOKESH H
9.	46S_BE_3184	VEHICLE TO VEHICLE COMMUNICATION USING LI-FI TECHNOLOGY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	G. MADEGOWDA INSTITUTE OF TECHNOLOGY, MADDUR	Mrs. SHRUTHI V	Ms. KAVITHA RANI H S Ms. CHAITRA Ms. POOJA R Ms. REKHA B
10.	46S_BE_1032	BANANA DISEASES DETECTION AND DIAGNOSIS USING MACHINE LEARNING ALGORITHMS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. RAJASHEKHAR B SOMASAGAR	Ms. SANDHYA K M Ms. SACHHIVENI N Ms. SHWETHA G S Ms. SOWMYA N
11.	46S_BE_1247	SUN TRACKING SOLAR PANELS USING MACHINE LEARNING ALGORITHM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. KAVITHA K J	Ms. NILAFAR M Mr. NIHAL ALI Mr. MOIN KHAN Mr. MOHAMMED ABRAR B
12.	46S_BE_0561	DIAGNOSIS OF DIABETIC RETINOPATHY USING DEEP LEARNING ALGORITHMS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. SUPREETH H S G	Mr. NANDAGANESH Mr. PUNEETH P Mr. SACHITH M Ms. SHWETA B MADDALABIDU
13.	46S_BE_0536	DEVELOPMENT OF RISK STRATIFICATION MODEL FOR COUGH USING TINY ML	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Prof. MANJULA K Prof. SRIVANI E N	Ms. SAHANA N Mr. PUTLURI MITHUN REDDY Mr. RANJITH KUMAR K R

14.	46S_BE_0638	ASSISTIVE DEVICE FOR BLIND,DEAF AND DUMB PEOPLE USING RASPBERRY PI	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Prof. VEENA S Prof. RAVI M V	Ms. PRAKRUTHI M S Ms. SRUSHTI N Ms. VOOSALE KRISHNAMURTHY BHAVYADHA
15.	46S_BE_0679	RAGI YILED PREDICTION BASED ON MACHINE LEARNING USING XGB REGRESSOR ALGORITHM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Mr. MANJUNATHA SIDDAPA Mr. RAVI M V	Ms. MADHUSHREE R Ms. KEERTHI H S Ms. M SAI HARSHITHA
16.	46S_BE_0818	DEEP LEARNING FOR SCREENING COVID-19 USING CHEST X-RAY IMAGES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Dr. C RANGASWAMY	Ms. GIREESHMA A S Ms. CHITRA SURESH Ms. GAYITHRI V
17.	46S_BE_0904	SOLAR OUTDOOR AIR PURIFIER WITH AIR QUALITY MONITORING SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Dr. NAGENDRA KUMAR M Mr. RAVI M V	Mr. DARSHAN K GOWDA Mr. SUPRITH S Mr. VINAY N
18.	46S_BE_5320	POWER OPTIMIZATION IN STREET LIGHTS USING STM32F429ZI MICROCONTROLLER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	155. S.J.M. INSTITUTE OF TECHNOLOGY, CHITRADURGA	Mr. SRIDHAR S N	Ms. HARSHITHA Y T Ms. ANANYA S V Ms. KAVANA S Ms. RADHA M