

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus

45TH SERIES STUDENT PROJECT PROGRAMME:2021-22

MIDTERM EVALUATION

Date: 29th June 2022 (Wednesday), 09:00 AM

Session Link: <https://meet.google.com/uay-artb-uus>

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.	45S_BE_0749	OBJECT DETECTION BASED GARBAGE COLLECTION ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, MANGALURU	Mr. PRAKASH K SHETTY Mr. MANJUKIRAN B	Mr. DHANUSH Mr. DHANUSH AMIN Ms. K PALLAVI Mr. NITESH KUMAR
2.	45S_BE_0071	DESIGN AND IMPLEMENTATION OF AUTONOMOUS FRUIT PLUCKING AND SEGREGATING ROBOT IN VERTICAL FARMING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI	Prof. SANTHOSH S Dr. D V MANJUNATHA	Mr. K GAURAV SHET Mr. JAYASOORYA Mr. NANDAKUMAR D N Mr. SOURAV K
3.	45S_BE_0074	SMART NUTRITION SUPPLIER BOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI	Dr. D V MANJUNATHA Prof. SANTHOSH S	Ms. GULBI GOURI SHANKER Ms. AKSHAYA KUMAR Ms. AKSHATHA Y E Ms. MAYYA SHARATHKUMAR
4.	45S_BE_1671	ONLINE SYSTEM FOR MONITORING WATER QUALITY, TURBIDITY AND MANAGING PIPELINE NETWORKS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	BEARYS INSTITUTE OF TECHNOLOGY, MANGALURU	Ms. RASHMI A V	Ms. SUSHMITHA K Ms. B RESHMI Ms. MANEESHA Ms. FATHIMATH HASEEBA
5.	45S_BE_4533	AUTOMATIC DETECTION OF DIABETIC RETINOPATHY USING MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.V.G. COLLEGE OF ENGINEERING, SULLIA, DAKSHINA KANNADA	Prof. KUSUMADHARA S	Mr. PRUTHVIRAJ K S Mr. AKASH M Ms. REKHA M B Ms. GREESHMA B U
6.	45S_BE_3499	ADVANCED SMART ENERGY METER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	KARAVALI INSTITUTE OF TECHNOLOGY, MANGALURU	Mr. ARUNRAJ JATHANNA	Mr. ADHEEP ARYA G R Mr. CHARAN KRASHNAMOORTI NAIK Ms. KANCHANA RADAR Mr. KARTHIK KOTHARI

7.	45S_BE_0504	PERFORMANCE ENHANCEMENT OF PV SYSTEMS USING ADAPTIVE REFERENCE PI CONTROLLER.	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI	Mrs. DEEPTHI SHETTY	Mr. RAO SHREYA SUBBA Mr. KISHAN Mr. ROHAN K U Ms. VINDHYA
8.	45S_BE_0556	SPECIES CLASSIFICATION FOR FOREST SURVEY AND MONITORING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI	Ms. DEEKSHA BEKAL GANGADHAR	Ms. TEJASWINI C A Ms. MEGHA V KULKARNI Mr. YASHVITH BALLAL R B Mr. JITHESH K
9.	45S_BE_0568	STETHOSCOPE SYSTEM FOR HEART DISEASE PREDICTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI	Dr. VISHWANATH M SHERVEGAR	Ms. SHRADDHA J HEGDE Mr. LATHEESH SHETTY Mr. VIKESH K G
10.	45S_BE_1566	VISUAL CRYPTOGRAPHY FOR BIOMETRIC PRIVACY	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI	Mr. GANESH V N	Ms. SUPRABHA Mr. M B SACHIN Mr. SHRAVAN KUMAR Mr. SOORAJ SHETTY
11.	45S_BE_0888	IoT BASED SUSTAINABLE GROUNDWATER QUALITY SYSTEM FOR GREEN INDIA	B.E.	INTERDISCIPLINARY - CIVIL AND ECE	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI	Dr. SRI KRISHNA SHASTRI C Dr. JAYAPRAKASH M C	Mr. KARKERA PRAJWAL Mr. CHIDANAND M T Ms. RHITHIKA SREENIVAS Ms. VAISHNAVI G
12.	45S_BE_4497	PREPARATION AND CHARACTERIZATION OF METAL ORGANIC FRAMEWORK NANOPARTICLES AS ANTIBACTERIAL COATING MATERIALS TO PREVENT HOSPITAL ACQUIRED INFECTIONS	B.E.	BIOMEDICAL ENGINEERING	MANIPAL INSTITUTE OF TECHNOLOGY, MANIPAL	Dr. MATHEW PETER Dr. PRAMOD K	Mr. RAHUL BAGGA Mr. ISHAN SACHIN GOSAVI Mr. PRIYESH SINHA
13.	45S_BE_0164	CLASSIFICATION OF FISH USING DEEP LEARNING ALGORITHM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	N.M.A.M. INSTITUTE OF TECHNOLOGY, NITTE	Mr. SUBRAMANYA BHAT	Mr. VIGNESH. D. SHETTY Mr. VISHWANATH. S Ms. NIDHI Y SHETTY SUCHITRA. N. G
14.	45S_BE_0599	DIY SOLAR WATER HEATER WITH AUTOMATIC SOLAR TRACKING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.D.M. INSTITUTE OF TECHNOLOGY, UJIRE	Mr. PRATHAPCHANDRA	Mr. BASAVARAJ Mr. DEEMANTH Mr. SHREYAS M S
15.	45S_BE_0602	DESIGN AND IMPLEMENTATION OF WALL CLIMBING ROBOT USING PNEUMATICS AND OPERATED BY PLC	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.D.M. INSTITUTE OF TECHNOLOGY, UJIRE	Mr. PRATHAPCHANDRA	Ms. CHANDANA ARUN SHETTY Ms. SANJANA Mr. SAMARTH SHETTY Mr. SUDARSHAN
16.	45S_BE_0016	SMART TOUCH PANEL FOR AUTOMATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Mr. PRAVEEN KUMAR M	Mr. VISHNUDAS NAYAK P Ms. LAKSHYA N K Ms. PAVITHRA R Mr. SHASHWATH RAO
17.	45S_BE_0035	AGRICULTURE POWER STATION CIRCUIT BREAKER USING LTE COMMUNICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Ms. SMITHA A B	Mr. ABHILASH Ms. NEEHARIKA U DEVADIGA Ms. MEGHANA D SHETTY Ms. SANNIDHI

18.	45S_BE_0039	CRASH AVOIDANCE SYSTEM FOR DRONES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Ms. SHIKHA RAI A	Mr. R SNEHITH Mr. PRUTHVI K M Mr. VARUN S Ms. VAIBHAVI KARANTH
19.	45S_BE_0044	DESIGN AND DEVELOPMENT OF AUTONOMOUS UNMANNED GROUND VEHICLE USING PX4	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Mrs. MEGHA N	Mr. V MUKESH KUMAR Mr. JEEVAN K Mr. V H DARSHAN
20.	45S_BE_0052	DEVELOPMENT OF LANDING SYSTEM FOR UAVs LACKING VISUAL AID.	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Mr. PATEEL G P	Mr. TRISHUL RAJ U SHETTY Mr. PRANAV S Ms. NIVEDITHA T Ms. CHANDANA GUNAGA
21.	45S_BE_0056	ADVANCED FOOTSTEP POWER GEERATION SYSTEM USING PIEZOELECTRIC SENSORS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Mr. PATEEL G P	Mr. VIJAY MOHAN HOSMANE Mr. PRATHEEK A Mr. RITHIK Mr. U.P ABHISHEK HEGDE
22.	45S_BE_0060	SMART GLOVE FOR RHEUMATOID ARTHRITIS PATIENTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Mr. SUNIL KUMAR P	Mr. FAYAZ MOHAMED AMAN Mr. ABDUL RAHIMAN AMSHIF Mr. FAAZIL Mr. MOHAMMED ISHAN BAVA
23.	45S_BE_0255	ANDROID CONTROLLED ROBOTIC ARM (ACRA)	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Dr. SANDEEP BHAT	Mr. G NANDAN KUMAR RAO Mr. RAHUL A Ms. TRUPTHI R RAO Mr. DHIRAJ D PUTHRAN
24.	45S_BE_0131	AUTONOMOUS PESTICIDE SPRAYING AND DISEASE DETECTION UAV PLATFORM FOR ARECA NUT AND PEPPER PLANTATIONS	B.E.	INTERDISCIPLINARY - MECH AND ECE	SAHYADRI COLLEGE OF ENGINEERING AND MANAGEMENT, MANGALURU	Prof. AJITH B S Prof. CHANDRA SINGH	Mr. PRATHAM K B Ms. SHRINIDHI I S Mr. RAYNOL MENEZES Mr. RAJMOHAN KAMATH
25.	45S_BE_2149	SUPPLEMENTAL SYSTEM FOR ASSISTING THE KNEE JOINT USING PASCAL'S LAW	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI	MSs. SOWMYA BHAT Mr. SUDHIR	Mr. TEJAS S R Mr. SUBRAMANYA S NAYAK Mr. SURAJ S Mr. CHARAN R DEVADIGA
26.	45S_BE_3143	EMBEDDED BASED AUTOMATIC LAWN MOWER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI	Mr. CHETAN R	Ms. NEHA KINI Ms. NAYAK DHANASHREE ASHOK Ms. SHREYA S NAVELKAR
27.	45S_BE_3180	AGRICULTURAL DRONE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI	Dr. BALACHANDRA ACHAR H V	Mr. RAJESH C Mr. VIKAS N RAO Mr. POOJA C SHETTY Ms. RIYA PRABHU
28.	45S_BE_2108	IOT BASED QUADCOPTER FOR FARM SURVEILLANCE WITH OBJECT AND FACE RECOGNITION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU	Prof. BHEEMA SHASTRY C Mrs. FLAVITA JANICE PINTO	Mr. ASHWAL D KOUSHIK Mr. AZIM MUHAMMAD Mr. AKSHAY Mr. AVINASH S

29.	45S_BE_2487	AUTONOMOUS CARRIER ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	St. JOSEPH ENGINEERING COLLEGE, MANGALURU	Ms. DEEPTHI S R Dr. BINU K G	Mr. SHARON FRANK Mr. ASHWIN K S Mr. MELROY ALMEIDA Mr. KARAN B
30.	45S_BE_1440	HYPERSPECTRAL CLASSIFICATION OF REMOTE SENSED DATA FOR CROP DISEASE PREDICTION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	VIVEKANANDA COLLEGE OF ENGINEERING AND TECHNOLOGY, PUTTUR, DAKSHINA KANNADA	Prof. VINAY P	Mr. SHREENIDHI B K Ms. POOJA RAJENDRA JADAV Ms. SOWJANYA Ms. SUPRITHA
31.	45S_BE_1659	GESTURE CONTROLLED ADVANCED WHEELCHAIR FOR PHYSICALLY CHALLENGED	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	YENEPOYA INSTITUTE OF TECHNOLOGY, MOOBDIDRI, MANGALURU	Prof. GANGADHARA	Mr. KARTHIK B K Mr. ABHISHEK Mr. ANLISH FEUDAL SOANS Ms. ABHIJNA