

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus

## 45<sup>TH</sup> SERIES STUDENT PROJECT PROGRAMME:2021-22

### MIDTERM EVALUATION

**Date:** 29<sup>th</sup> June 2022 (Wednesday), 09:00 AM

**Session Link:** <https://meet.google.com/bbk-cynr-ucg>

**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_0222	TOMATO COLOR SORTING MACHINE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Prof. RAVIRAJ CHOUGALA	Ms. RANJITA M KALAKATTI Ms. POOJA MAGADUM Mr. NINGANGOURA PATIL Mr. SATYARTH KULAKARNI
2.	45S_BE_0875	DESIGN AND FABRICATION OF MULTIPURPOSE AGRICULTURAL ROBOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Prof. RAVIRAJ CHOUGALA Prof. ANILKUMAR KORISHETTI	Mr. NAVEENKUMAR L CHALAWADI Mr. LINGARAJ S KUMBAR Mr. VISHAL S CHAVAN Mr. YALLAPPA G BASALIGUNDI
3.	45S_BE_1775	COTTON KRISHI : AI BASED MOBILE AAP FOR PREDICTION OF DISEASE IN COTTON PLANTS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Prof. GAJANAN TUDAVEKAR	Ms. ASHWINI V RAVUL Ms. SWARNA A B Ms. SHILPA B PATIL Ms. SWATI P PATIL
4.	45S_BE_2231	SMART BUS ALERT SYSTEM FOR EASY NAVIGATION FOR BLIND PEOPLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAAVI	Dr. RAGHAVENDRA R. MAGGAVI	Mr. VINIT KANTHI Mr. MOHAMAD TANAVEER SHAIKH Ms. VEDA MAGENAVAR Ms. PRATIMA JUGALAKAR
5.	45S_BE_2663	ENVIRONMENT FRIENDLY REVERSE VENDING MACHINE FOR RURAL INDIA	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAAVI	Prof. P. V. PATIL	Mr. PRATHAMESH KHADAKE Mr. PAVANKUMAR KAMBAR Mr. RAMAKUMAR KAMAGOD Mr. RAVIKIRAN KADAM

6.	45S_BE_4772	ARDUINO BASED POWER THEFT DETECTION IN DOMESTIC SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	JAIN COLLEGE OF ENGINEERING AND RESEARCH, BELAGAAVI	Prof. CHAITANYA JAMBOTKAR	Mr. BHARAMGOL SUSHAN SANJEEV Mr. GUNJAN KUGAJI Mr. SHAHEEN KILLEDAR Mr. SHUBHAM PATIL
7.	45S_BE_0003	AFFORDABLE AND PORTABLE OXYGEN CONCENTRATOR	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	JAIN COLLEGE OF ENGINEERING, BELAGAAVI	Prof. VINAYKUMAR R BAGALI	Mr. FAIZAN ATTAR Mr. JUNAIDAHMED BEPARI Mr. AZHARUDDIN KALADAGI Mr. ARBAZMEHDI KARIKAZI
8.	45S_BE_0006	SMART CROP DRYING UNIT FOR POST-HARVEST ACTIVITIES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	JAIN COLLEGE OF ENGINEERING, BELAGAAVI	Prof. SHIVANAND B HUGAR	Mr. SANKET VIJAYKUMAR CHOUGALA Mr. SANJAY GHORPADE Mr. SHIVAMALLU GHATNATTI Mr. SHRISHAIL M KAROLI
9.	45S_BE_1468	V-ASSIST: VEHICLE ASSISTANCE AND SAFETY SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAAVI	Dr. ARUN TIGADI	Mr. VAIBHAV ALUR Mr. YASH B. JOSHI Ms. VARSHA MATTUR Mr. PRASHANT BHAJANTRI
10.	45S_BE_1827	FALL DETECTION MODEL FOR AGED PEOPLE	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAAVI	Mr. UDAYKUMAR L NAIK	Mr. OMKAR M GANTHADE Ms. AKSHATA R BADIGER Ms. JYOTI V KALADAGI Mr. SANJEEV V GADDI
11.	45S_BE_2074	HARDWARE ACCELERATION OF DEEP NEURAL NETWORK MODEL- TO DIFFERENTIATE BETWEEN COVID-19 AND TB	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAAVI	Ms. SHWETA MADIWALAR Dr. SUJATA PATIL	Ms. SRASHTI KONKANI Ms. SANJANA KULKARNI Ms. JYOTI RAJENDRA DODDANNAVAR Ms. MEGHA DHARNENDRA MUTAGI
12.	45S_BE_2153	NOISE CONTROLLED RADIO USING INNOVATIVE TECHNOLOGIES	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAAVI	Ms. SWATI MAVINKATTIMATH	Mr. SHREYAS ANAND Mr. SHILPA SUNAKAR Mr. GIRISH HOOLI Mr. SURAJ NAVALAGI
13.	45S_BE_0049	ELECTRICAL POWER GENERATION USING FOOT STEPS FOR RURAL / URBAN AREA ENERGY APPLICATION	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.E'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI	Prof. JYOTHI C K	Mr. MANJUNATH B. MANAGUTTI Mr. MUTTANNA T. PADASALAGI Ms. PRATIKSHA M. SANKAPAL Mr. VIVEK A. PATIL
14.	45S_BE_0127	SMART BUS WITH AUTO EMERGENCY EXIT SYSTEMS AND DRIVER DROWSINESS DETECTION FOR MASS EVACUATION USING IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.E'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI	Ms. SHWETA MALLURAMATH	Ms. ARCHANA GOWDA Ms. ARPITA PATIL Ms. SHWETA SAPPADALI
15.	45S_BE_0140	SMART CROP RESCUE SYSTEM FROM ANIMALS USING DEEP LEARNING AND IOT	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.E'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI	Prof. VIJAY L HALLAPPANAVAR	Mr. PAVAN R PATIL Mr. MADAN KESHAV S Ms. RUPALI PRAKASH JADHAV

16.	45S_BE_0215	VOICE CONTROLLED SYSTEM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.E'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI	Prof. VIJAY L. HALLAPPANAVAR	Ms. KARISHMA KABADI Ms. VARSHA JANAJ Mr. PRATHVI NAIK Ms. NEHA MAGADUM
17.	45S_BE_4148	SMART CROP PROTECTION SYSTEM USING RASBERRY-PI AND MACHINE LEARNING	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI	Dr. MALLIKARJUN ANANDHALLI	Mr. RAJAT DODWADKAR Mr. PRAJWAL PATIL Mr. PARESH NAYAK Mr. RITHVIK DIXIT
18.	45S_BE_4289	DEVELOPMENT OF NANO SENSOR FOR THE DETECTION OF EMERGING CONTAMINANTS IN SEWAGE WATER AND THE TREATMENT USING AOP	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI	Prof. SAURAV MITRA Prof. RAVIRAJ KULKARNI	Ms. SHREENIDHI INAMADAR Ms. SHWETA M YARAGATTI Ms. SEJAL INAMDAR Ms. SHRUTI MAGDUM
19.	45S_BE_0703	DTMF CONTROLLED ROBOT WITH ESP-32 -CAM	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	Prof. MAHADEVAPPA MUGALIHAL	Ms. MEGHA M ELAVIGI Ms. AKSHATA M HULAGABALI Ms. MUKTA P MANDOLKAR Ms. ANNAPURNA Y TORVI
20.	45S_BE_0711	INDOOR COMPACTER-"SAY NO TO FOOD WASTAGE!"	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	Prof. MEGHA KARABASHETTI	Ms. NIKITA KUMAR KENI Ms. NAMITA P CHOUGULE Ms. PRIYA S BANNUR Ms. TANJEEMKOUSAR SIDDIQUI
21.	45S_BE_1277	SURFACE EXPLORATION ROVER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	Mr. ANANDRADDI NADUVINAMANI	Ms. NAMRATA SUJIT MIRAJE Ms. MAYURI NULE Mr. SHIVANAND BAJANTRI Mr. RAHUL G NAKADI
22.	45S_BE_1371	POWER GENERATION SYSTEM USING NON CONVENTIONAL METHOD FOR DOMESTIC & COMMERCIAL APPLICATIONS	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	Mr. KIRAN NANDI	Ms. PIYUSHA ITNAL Ms. PRATIKSHA IMAGOUDAR Ms. SUNITA MULIMANI Mr. ASISH V. MANDI
23.	45S_BE_1375	IOT BASED AGRICULTURAL ROBOTIC WATER SPRINKLER	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	Mr. VINAYAK HONNUNGAR	Ms. POOJA SHETTY Mr. AMIT BELLAD Mr. POOJA PATANGE Ms. PRAGATI PATIL
24.	45S_BE_2014	SOLAR BASED ROBOTIC SYSTEM FOR MONITORING AND FILTERING OF WATER POLLUTION USING IOT.	B.E.	ELECTRONICS AND COMMUNICATION ENGINEERING	V.S.M'S SOMASHEKHAR R. KOTHIWALE INSTITUTE OF TECHNOLOGY, NIPPANI, BELAGAAVI	Prof. GOVIND M R	Ms. SHILPA GHASTI Mr. SANDEEP SAVANT Mr. AKSHAY KAMATE