

# 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:** 30<sup>th</sup> June 2022 (Thursday), 09:00 AM

**Session Link:** <https://meet.google.com/wfe-usdb-qod>

**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_1921	FABRICATION OF MULTIPLE THRESHER MACHINE	B.E.	MECHANICAL ENGINEERING	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Mr. DEEPAK HUDDAR	Mr. CHANDAN V REVANKAR Mr. PANKAJ R TORALKAR Mr. SACHIN A PATIL Mr. VISHAL S KARDIGUDDI
2.	45S_BE_2173	DESIGN AND DEVELOPMENT OF SOLAR POWER DRYER BY USING FORCE CONVECTION AND NATURAL CONVECTION.	B.E.	MECHANICAL ENGINEERING	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Prof. PRAGNYA PRADEEP	Mr. ASHISH SHAHAJI SHINDE Mr. AJAY L PATIL Mr. MANISH M GANGAI Mr. AKASH S MATAVNKAR
3.	45S_BE_2174	DESIGN AND FABRICATION OF LOW COST RICE TRANSPLANTER MACHINE FOR USE IN AGRICULTURE	B.E.	MECHANICAL ENGINEERING	ANGADI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BELAGAAVI	Prof. V SUSHANTHKUMAR	Ms. JOTIBA R PATIL Mr. RUTUKESH G SAVANT Mr. CHETAN V DESAI Mr. VILAS P NAIK
4.	45S_BE_2743	ADVANCED MIXED MODE SOLAR CABINET DRYER	B.E.	MECHANICAL ENGINEERING	HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAAVI	Dr. S.N.TOPANNAVAR Dr. M. M. SHIVASHIMPI	Mr. AMIT.P.THORAT Mr. AJINKAYKUMAR S BHOSALE Mr. SHRIDHAR B MUDIGOUD Ms. SHWETA M KUMBAR
5.	45S_BE_2888	PERFORMANCE AND EMISSION CHARACTERISTICS OF CRDI DIESEL ENGINE WITH EGR AND JFSO BIO-DIESEL	B.E.	MECHANICAL ENGINEERING	HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAAVI	Dr. K. M. AKKOLI	Mr. PRASHANT S KAMBAR Mr. ABHIJIT A PATIL Mr. MARUTI M NAIK Mr. RAMAKRISHN K MAGADUM
6.	45S_BE_3421	SOYABEAN HARVESTING MACHINE	B.E.	MECHANICAL ENGINEERING	HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAAVI	Prof. MAHANTESH TANODI Dr. S N TOPANNAVAR	Mr. SHIVAPRASAD AMMANAGI Mr. PRASHANT MADIWALAR Mr. AKSHAY BADAKUNDRI Ms. VIJAYALAXMI B BUGADI

7.	45S_BE_4627	PROTOTYPE OF VOICE CONTROLLED SMART HOSPITAL BED WITH PATIENT HEALTH MONITORING SYSTEM.	B.E.	MECHANICAL ENGINEERING	HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAAVI	Prof. S A GOUDADI	Mr. ARUNKUMAR HALAGATTI Mr. RAHUL AIWALE Mr. SOURABH MOLE
8.	45S_BE_2989	DESIGN AND ANALYSIS OF HORIZONTAL CRYSTALLIZER FOR AGRO-CHEMICAL INDUSTRIES	B.E.	MECHANICAL ENGINEERING	JAIN COLLEGE OF ENGINEERING AND RESEARCH, BELAGAAVI	Prof. PRASANNA MANGAONKAR	Mr. NIKHIL D. JADHAV Mr. AKASH V. MIRASHI Mr. PRITHVI A. SHREYAKAR Mr. SUHAN S. NAYAK
9.	45S_BE_3008	DESIGN AND FABRICATION OF AIR PURIFIER AND HUMIDIFIER USING WATER	B.E.	MECHANICAL ENGINEERING	JAIN COLLEGE OF ENGINEERING AND RESEARCH, BELAGAAVI	Mr. PRAVEEN PATIL	Mr. NUMAIR SAYYAD Mr. SUBRAHAMANYA B DEVALATTI Mr. AMIT S KALYANPURKAR Mr. PRAKASH N KAMBLE
10.	45S_BE_0204	UTILIZING 3D PRINTING AND SONIFIED LEARNING MODELS FOR TEACHING AND LEARNING PROCESS FOR VISUALLY DISABLED STUDENTS	B.E.	MECHANICAL ENGINEERING	JAIN COLLEGE OF ENGINEERING, BELAGAAVI	Dr. ANILKUMAR SHIRAHATTI	Mr. OMKAR PATIL Mr. AMRUT P HULLOLI Mr. ONKAR PATIL
11.	45S_BE_0262	DENTAL SIMULATOR	B.E.	MECHANICAL ENGINEERING	K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAAVI	Mr. B G KOUJALAGI	Mr. VIJAY WANDAKAR Mr. RAHUL SHINDE Mr. AKASH MAHADEV NAROLAKAR Mr. VINAYAK MARUTI VANDREKAR
12.	45S_BE_1191	EFFORTLESS LIFTER AND MOVER INFRIM PATIENTS	B.E.	MECHANICAL ENGINEERING	K.L.E. Dr. M. S. SHESHGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY, BELAGAAVI	Mr. RAVISHANKAR CHIKKANGOUDAR	Mr. BASANAGAUD UMMANNAVAR Mr. AMITH BASHINGI Mr. VISHAL JADAV Mr. VINAY YADWAD
13.	45S_BE_0192	DESIGN AND FABRICATION OF MEMS TECHNOLOGY SOLAR TRICYCLE FOR DISABLED PERSONS	B.E.	MECHANICAL ENGINEERING	K.L.E'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI	Prof. R. S. KUMBAR	Mr. IRANNA L KADI Mr. SHANKAKR S TELI Mr. MALLIKARJUN M KADI Mr. SHREESHAIL R JAKKAPPANAVAR
14.	45S_BE_0454	SOLAR POWERED AUTOMATIC IOT BASED GARBAGE COMPACTOR	B.E.	MECHANICAL ENGINEERING	K.L.E'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI	Mr. NISHANT BHOJI	Mr. ARVIND SHETTAR Mr. ROHIT DHABALE Ms. SAIFALI SANDERWALE Mr. SUMEET GHUNAKE
15.	45S_BE_0545	EFFECT OF ALUMINIUM OXIDE (AL <sub>2</sub> O <sub>3</sub> ) AND COBALT OXIDE (CO <sub>3</sub> O <sub>4</sub> ) NANOPARTICLES ON PERFORMANCE AND EMISSION CHARACTERISTIC OF SINGLE CYLINDER VCR ENGINE FUELED WITH PONGAMIA METHYL ESTER BIODIESEL	B.E.	MECHANICAL ENGINEERING	K.L.E'S K.L.E. COLLEGE OF ENGINEERING AND TECHNOLOGY, CHIKKODI	Prof. MAHESH R LATTE	Mr. BASAVARAJ BABURAO MALI Mr. ROHIT SOLLAPURE Mr. SHRINATH MASANAİK Mr. SANTOSH MANGASULI
16.	45S_BE_3535	INVESTIGATIONS ON MICROWAVE-ASSISTED JOINING OF FDM - 3D PRINTED PARTS TO OVERCOME ITS BED SIZE LIMITATION APPLIED TO UAV WINGS	B.E.	MECHANICAL ENGINEERING	K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI	Prof. VIVEK TIWARY Dr. VINAYAK R. MALIK	Mr. AVIN SHETTY Mr. ADITYA MAHESH BANG Mr. ANIRUDH S RAO Mr. HARSHIT DEEPAK KULKARNI
17.	45S_BE_3768	INVESTIGATIONS ON FRICTION STIR SPOT WELDING OF DISSIMILAR 3D-PRINTED PARTS TO OVERCOME BED SIZE LIMITATIONS OF FDM 3D-PRINTER	B.E.	MECHANICAL ENGINEERING	K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI	Dr. ARUNKUMAR P Mr. VIVEK TIWARY	Mr. PRATIKSINGH NARGUNDKAR Mr. RAUNAK SUNIL DESHPANDE Mr. PATIL KISAN RAJU

18.	45S_BE_4142	MULTI-PURPOSE CASHEW NUT EXTRACTION MACHINE	B.E.	MECHANICAL ENGINEERING	K.L.S. GOGTE INSTITUTE OF TECHNOLOGY, UDYAMBAG, BELAGAAVI	Prof. KIRAN D. KATTIMANI	Mr. PAVAN M. SHINDE Mr. ROHAN P. DESAI Mr. RUTWICK V. MORE Mr. ROHIT S. SHEKHAMMANAVAR
19.	45S_BE_1999	REAL TIME CNC MACHINE MONITIRING SYSTEM USING IOT	B.E.	MECHANICAL ENGINEERING	MARATHA MANDAL'S ENGINEERING COLLEGE, BELAGAAVI	Prof. R R ALARADDI Prof. MANIK RAJANGALE	Mr. AMOL Mr. CHIDANAND WADAGANVI Mr. VISHWANATH JANAKAR Mr. SHOHRAB SHAIKH
20.	45S_BE_1829	ELECTRICITY GENERATOR TILES	B.E.	MECHANICAL ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	Mr. MUTANNA BANDAL	Mr. SILVESTER SOUZA Ms. SOHA NADGOUDA Mr. SAMMED KALLANNAVAR Mr. SAIHIL NANDRE
21.	45S_BE_2240	FRICTIONLESS ENERGY GENERATION USING FLYWHEEL FOR ELECTRICAL VEHICLES	B.E.	MECHANICAL ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	Prof. SUPRIT MALAGI	Mr. KALESH PATTAR Mr. KIRAN RATHOD Mr. MALLANAGOUDA TIMMAVVAGOL Mr. PRAMOD GOUDRA
22.	45S_BE_2254	WALL CLIMBING ROBOT (CAR)	B.E.	MECHANICAL ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	Mr. MUTANNA BANDAL	Mr. PRANAV A KAKADE Mr. UMESH B PADATARI Mr. VINAYAK SORAGAVI Mr. VISHWANATH R PATIL
23.	45S_BE_2322	SOLAR PANEL IOT BASED CLEANING MACHINE	B.E.	MECHANICAL ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	Mr. V PRASHANT	Mr. SANKET RAVINDRA KABBUR Mr. VINAYAK SIDRAI KOLKAR Ms. VAISHNAVI C SAGAR Mr. NAEEM PATHAN
24.	45S_BE_2526	PORTABLE SUITCASE CAR	B.E.	MECHANICAL ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	Mr. VISHWANATH KHADAKBHAVI	Mr. PRANAV NIKAM Mr. MEGHARAJ LALASANGI Mr. SHREYAS KALSEKAR Mr. NIKHIL GUDADARI
25.	45S_BE_2895	MANUFACTURING OF ELECTRICALLY OPERATED WASTE COLLECTING MACHINE FROM STAGNANT WATER, PONDS	B.E.	MECHANICAL ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	Mr. V. M. KHADAKBHAVI	Mr. GURUPRASAD M MAKI Mr. HARSHAL N HOSMANI Mr. MOHAMMED SAKIB J SULTANPURE Mr. BASAVARAJ S NAYAKODI
26.	45S_BE_3445	PRODUCT DEVELOPMENT OF NUT SHELLER AND OIL EXTRACTION MACHINE	B.E.	MECHANICAL ENGINEERING	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	Mr. S C ZAMPA Ms. JOSHI.VINAYAK.B	Mr. AKSHAY UMANABADIMATH Mr. ISMAIL KHAZI Mr. AKASH NAVADAGI Mr. PRASAD PATIL
27.	45S_BE_0914	AUTOMATED FIRE FIGHTING DRONE FOR WILD LIFE FIRE DETECTION AND EXTINGUISHING	B.E.	MECHANICAL ENGINEERING	V.S.M'S SOMASHEKHAR R. KOTHIWALE INSTITUTE OF TECHNOLOGY, NIPPANI, BELAGAAVI	Mr. IRAGOUDA D PATIL	Mr. TOHID A MAKANDAR Mr. SHIVAM S RAJGIRE Mr. SUBAN M PANGIRE Mr. OMKAR R AMBLE