

# 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:** 1<sup>st</sup> June 2023 (Thursday), 9:30 AM

**Session Link:** <https://meet.google.com/rix-fpdw-nab>

**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_0917	MORPHOMETRIC ANALYSIS OF VARAHI RIVER BASIN	B.E.	CIVIL ENGINEERING	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI	Dr. H G UMESHCHANDRA	Mr. DHEERAJ S SINDHE Mr. ABDUL MUJEEB Mr. MANOHAR M Mr. KRUTHIK K
2.	46S_MTech_104	BIOMATERIALS CHARACTERIZATION SUBJECTED TO SHOCK WAVE IMPACT FOR BIOMEDICAL APPLICATIONS	M.Tech	THERMAL ENGINEERING	B.M.S. COLLEGE OF ENGINEERING, BENGALURU	Dr. B. SUDARSHAN	Mr. DEEPAK Y
3.	46S_BE_2171	DIGITALIZATION OF STORES OPERATION AND INVENTORY MANAGEMENT	B.E.	INDUSTRIAL ENGINEERING AND MANAGEMENT	BANGALORE INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. NALARAJ	Mr. SRI RAM H BHARADWAJ Mr. PRITHVI P MEDHA Ms. GANASHRI M N Ms. CHANDANA NEERUBHAVI
4.	46S_BE_4364	DEVELOPMENT OF HVOF SPRAYED COMPOSITE COATINGS FOR EROSION - CORROSION PROTECTION OF AGRICULTURE EQUIPMENTS	B.E.	AUTOMOBILE ENGINEERING	CHRIST DEEMED TO BE UNIVERSITY, KENGERI CAMPUS, BENGALURU	Dr. PRADEEP KUMAR G S	Mr. SAMIN MOHAMED Ms. RICHU THOMAS

5.	46S_BE_0758	DESIGN AND FABRICATION OF ELECTRIC GO-KART	B.E.	AUTOMOBILE ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. SANTHOSH K	Mr. PRAMMIT Mr. LALUPRASAD YADAV K Mr. NANDAKUMAR R Mr. ACHYUTA B
6.	46S_BE_0806	DESIGN AND FABRICATION OF INDUSTRIAL 3D PRINTER AND PARAMETER OPTIMIZATION USING TAGUCHI METHOD.	B.E.	AUTOMOBILE ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Mr. MAHESH B.R Dr. NAVEENA B.E	Mr. YASHWANTH H Ms. BHOMIKA S.S Mr. ANIRUDDH THOSECANN Mr. ABHINANDAN PRASAD
7.	46S_BE_1914	DESIGN AND DEVELOPMENT OF ADVANCED BATTERY SAFETY SYSTEM FOR EV	B.E.	AUTOMOBILE ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. JENORIS MUTHIYA	Mr. THARUN KUMAR N Mr. BHARATH K Ms. DIVYA S Mr. SHASHANK B R
8.	46S_BE_0664	NEWER TECHNIQUES TO INCREASE MECHANICAL AND THERMAL EFFICIENCY OF IC ENGINE USING HYDROGEN FUEL TO PRODUCE CLEAN ENERGY	B.E.	MECHANICAL ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. DHARSHAN B G	Mr. RANJITH A Ms. A R AISHWARYA Mr. SHIVAPRASAD J
9.	46S_BE_0666	DESIGN AND FABRICATION OF A LOW COST AUTOMATED BATTERY PACKING SYSTEM	B.E.	MECHANICAL ENGINEERING	DON BOSCO INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. S M MAHESH	Mr. VARUN S Mr. ARAVIND R Mr. PRASANNA K B Mr. UJWAL B V
10.	46S_BE_5416	REMOVAL OF FUNGICIDE RESIDUES FROM SURFACE WATER USING COST EFFECTIVE BIO-ADSORBENTS	B.E.	MECHANICAL ENGINEERING	EAST POINT COLLEGE OF ENGINEERING AND TECHNOLOGY, BENGALURU	Dr. SAHADEV G N Dr. MARUTHI.G	Mr. AKASH R HOSALLI Mr. BASAPPA BAGALAD Mr. MADHU R Mr. RAGHAVENDRA S PATIL
11.	46S_BE_1844	EXPERIMENTAL STUDY TO ENHANCE THE HEAT TRANSFER IN A DOUBLE PIPE HEAT EXCHANGER USING FLAT METALLIC INSERTS	B.E.	MECHANICAL ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Mr. MALLIKARJUNA V BIDARI	Mr. RAMESH K A Mr. SANTHOSH P Mr. TARUN H R Mr. VARUN G V

12.	46S_BE_1859	PERFORMANCE ANALYSIS ON SOLID OXIDE FUEL CELL	B.E.	MECHANICAL ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. RAJAKUMAR D G	Mr. SHASHANK GOWDA P Mr. S M SANJAY Mr. VISHWAS J H Mr. VARUN KUMAR S R
13.	46S_BE_1911	EFFECT OF NANO FILLERS ON ADVANCED VACCUUM BAGGED KENAF FIBER REINFORCED COMPOSITES FOR AUTOMOTIVE APPLICATIONS	B.E.	MECHANICAL ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. BHARAT K N	Mr. AKASH M KARAMARI Mr. GURUPRASAD V Mr. HARSHA K Mr. MAHABOOB KHAN A
14.	46S_BE_2230	EXPERIMENTAL INVESTIGATION OF SECONDARY REINFORCEMENT ON KENAF FIBRE REINFORCED COMPOSITES FOR AUTOMOBILE INTERIOR APPLICATION: VACCUUM BAGGING PROCESS	B.E.	MECHANICAL ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. K N BHARATH	Mr. MANIKANTA D Mr. AJAY KUMAR M Mr. GANGADHARA N K Mr. PUNITH R
15.	46S_BE_2261	HOUSEHOLD GREY WATER TREATMENT	B.E.	MECHANICAL ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. MUDASAR PASHA B A	Mr. DARSHAN D Mr. BHOO MIKA B H Ms. POOJA S Ms. SUSHMA T
16.	46S_BE_2550	NUTMEG SHELL REMOVAL MACHINE FOR SPICE INDUSTRY	B.E.	MECHANICAL ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Mr. MUDASAR PASHA B A	Mr. MALLIK REHAN A H Mr. DHEERAJ KUMAR P V Mr. DIKSHITH K S Mr. GANESH T M
17.	46S_BE_2815	DEVELOPMENT OF AN INNOVATIVE WATER-RESISTANCE LAMINATED FOOD PACKING MATERIAL	B.E.	MECHANICAL ENGINEERING	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. SRINIVASA C V	Mr. AJITH RAMESH METI Mr. MANOJ KUMAR K B Mr. SUMAN PATIL G R

18.	46S_BE_2008	DEVELOPMENT OF AN ECO-FRIENDLY PORTABLE WATER PURIFIER	B.E.	MECHANICAL ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Dr. RAVI KUMAR D V	Mr. DEEPAK V N Mr. DEV RAJ CHAPAGAIN Mr. CHANDAN KRISHNA R Mr. AMIR ALI KHAN
19.	46S_BE_3069	DIP PURE (PORTABLE POTABLE WATER PURIFIER)	B.E.	MECHANICAL ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Dr. SHREEKALA N	Mr. SUMANTH N Mr. ABHISHEK KADAM M Mr. HEMANTH D Mr. K BASAVARAJA
20.	46S_BE_3112	SOLAR-POWERED PORTABLE MULTI-GRAIN WINNOWING MACHINE	B.E.	MECHANICAL ENGINEERING	GLOBAL ACADEMY OF TECHNOLOGY, BENGALURU	Dr. BHARAT VINJAMURI	Mr. KASHYAP S Mr. HARISH BASAVARAJ KAMPLIKOPPA Mr. CHIKKAMARE GOWDA S Mr. M CHANDAN
21.	46S_BE_0960	DEVELOPMENT OF LOW-COST, LIGHT-WEIGHT AND ECO-FRIENDLY HYBRID COMPOSITE ROOF SHEET	B.E.	MECHANICAL ENGINEERING	GOVERNMENT ENGINEERING COLLEGE, HUVINAHADAGALI, BALLARI	Dr. JAIRAJA R	Ms. HAMSA C M Mr. BHIMASHANKAR BIRADAR Mr. KALAKANAGOUDA PATIL
22.	46S_BE_3451	SYNTHESIS OF BIOETHANOL FOR FRUITS AND VEGETABLES RESIDUE	B.E.	MECHANICAL ENGINEERING	H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU	Prof. YOUNUS PASHA Dr. SALIM SHARIEFF	Mr. MOHAMMED SHARIQUE RAYYAN Mr. NABEEL UR RAHMAN Mr. ALMIGDAD OSMAN Mr. ANUKUL KUMAR