

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus

45TH SERIES STUDENT PROJECT PROGRAMME:2021-22

MIDTERM EVALUATION

Date: 4th July 2022 (Monday), 09:00 AM

Session Link: <https://meet.google.com/jiy-oowh-pmi>

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 STUDENT(S)
1.	45S_MTech_017	DESIGN AND DEVELOPMENT OF AN IOT KIT TO PREDICT CUTTING TOOL LIFE AND GENERATING AUTO INVENTORY	M.Tech	COMPUTER INTEGRATED MANUFACTURING	RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. NANDEESHA H L	Ms. NIVEDITHA DHARANI
2.	45S_MTech_114	EXPLORING THE OPTICAL CHARACTERIZATION OF CARBON NANOTUBES / REDUCED GRAPHENE OXIDE NANOPARTICLES DOPED WITH POLY VINYL ALCOHOL FOR OPTOELECTRONIC DEVICES AND PHOTONIC APPLICATIONS	M.Tech	MANUFACTURING SCIENCE AND ENGINEERING	RAMAIAH INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. RAVEENDRA MELAVANKI Dr. C.SIDDARAJU	Mr. S HARI KRISHNA
3.	45S_BE_2683	ECO-FRIENDLY CORRUGATED BAMBOO-COMPOSITE SHEETS FOR ROOFING APPLICATIONS	B.E.	MECHANICAL ENGINEERING	ATRIA INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. ANJAN KUMAR D Ms. GEETHA G CHAVAN	Mr. KOWNAIN AHMED Mr. SHEIK IRFAN Mr. MOHAMED IBRAHIM JUNAID Mr. SUMUKH S KASHYAP
4.	45S_BE_4818	DESIGN AND FABRICATION OF FOLDABLE ELECTRIC SCOOTER	B.E.	MECHANICAL ENGINEERING	B.M.S. EVENING COLLEGE OF ENGINEERING, BULL TEMPLE ROAD, BENGALURU	Dr. M C KRISHNAMURTHY	Mr. RAJASHEKHARA G Mr. PRAKASH AYYANAGOUDAR Mr. NANDISHA S Mr. BASAVARAJ P CHOPADI
5.	45S_BE_4788	SOLAR POWERED AIR COOLER	B.E.	MECHANICAL ENGINEERING	CAMBRIDGE INSTITUTE OF TECHNOLOGY NORTH CAMPUS, DEVANAHALLI, BENGALURU	Dr. AMARDEEPAK M Prof. CHANDRAHAS. M	Mr. PRAMOD G M Mr. PRAMOD S M Mr. ABHISHEK G V Mr. AJITH M
6.	45S_BE_4593	DESIGN AND DEVELOPMENT OF E-FOOD PRINT CARDS	B.E.	INDUSTRIAL ENGINEERING AND MANAGEMENT	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Ms. REENA Y A	Ms. CHAITHRA O Ms. NISHCHITHA S

							Mr. AASHRITH HEMANTH KUMAR Mr. GURUDUTH RAO
7.	45S_BE_2733	DESIGN AND FABRICATION OF MUNICIPAL SOLID WASTE(MSW) TREATMENT MODEL FOR THE RECOVERY OF CLEAN ENERGY	B.E.	INDUSTRIAL ENGINEERING AND MANAGEMENT	J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU	Ms. VANISHREE BELOOR Dr. YERRISWAMY W	Ms. RAKSHA SAI RANNOREY Ms. AISHWARYA JM Ms. MAYURI M N Ms. SRIRANJANI K M
8.	45S_MTech_030	DESIGN AND DEVELOPMENT OF POLYMER BASED CONDUCTIVE BI-POLAR PLATES FOR ELECTROCHEMICAL ENERGY STORAGE DEVICE	M.Tech	PRODUCT DESIGN AND MANUFACTURING	JYOTHY INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. JAYATIRTHA M PATIL Dr. H B MURALIDHARA	Mr. ADITYA R
9.	45S_MTech_091	INVESTIGATION OF FORM STABLE PHASE CHANGE MATERIALS FOR SOLAR THERMAL ENERGY STORAGE	M.Tech	MACHINE DESIGN	R.V. COLLEGE OF ENGINEERING, BENGALURU	Dr. H N NARASIMHA MURTHY Prof. ABHIRAM E R	Mr. VANDAN DUBAL
10.	45S_BE_4503	MECHANICAL PROPERTIES OF NATURAL FIBRE REINFORCED POLYMER COMPOSITES AND FABRICATION OF COMPOSITE BICYCLE FRAME	B.E.	MECHANICAL ENGINEERING	A.C.S. COLLEGE OF ENGINEERING, BENGALURU	Mr. CHANDRASHEKHAR B	Mr. CHETHAN B N Mr. KIRAN KUMAR S Mr. PREETHAM J A Mr. SANJAY H C
11.	45S_BE_4039	DESIGN AND FABRICATION OF RECUMBENT CONVERTABLE WHEELCHAIR	B.E.	MECHANICAL ENGINEERING	A.M.C. ENGINEERING COLLEGE, BENGALURU	Prof. RUDRA K S	Mr. LOHITH M Mr. SHARATH G M Mr. PRATHAP J V Mr. SYED SULAIMAN
12.	45S_BE_4599	DESIGN AND FABRICATION OF HYDRAULIC COMPACT MANHOLE CLEANING MACHINE	B.E.	MECHANICAL ENGINEERING	A.M.C. ENGINEERING COLLEGE, BENGALURU	Mr. MANJUNATHA C	Mr. GOWTHAM S Mr. DARSHAN S RAIKAR Mr. MANU R Mr. N RANGASWAMY
13.	45S_BE_4827	(AUTOMATED) MUSCLE THERAPY DEVICE- HYPERTONIA. (DATA ANALYTICS AND AI DRIVEN AUTOMATED DEVICE FOR MUSCULAR REHABILITATION THERAPY)	B.E.	MECHANICAL ENGINEERING	A.M.C. ENGINEERING COLLEGE, BENGALURU	Mr. MADHU MOHAN Dr. GIRISHA C	Mr. M SAI KIRAN Mr. JAISON.R Mr. MANISH GOWDA K Mr. DILIP H
14.	45S_BE_3536	DEVELOPMENT OF BIO-DEGRADABLE POLYMER USING 3 D PRINTING FOR THE APPLICATION OF FOOD AND PACKAGING INDUSTRY.	B.E.	MECHANICAL ENGINEERING	A.P.S. COLLEGE OF ENGINEERING, BENGALURU	Mr. SATYABODH M RAICHUR Mr. RAVI KUMAR R	Mr. MANJUNATHA B L Mr. TUSHAR V HEGDE Mr. JAYACHANDRA S Mr. GOWTHAM S
15.	45S_BE_3545	DESIGN AND FABRICATION OF ELECTRO-MECHANICALLY OPERATED TRIVISION BILLBOARD	B.E.	MECHANICAL ENGINEERING	A.P.S. COLLEGE OF ENGINEERING, BENGALURU	Mr. HONNAIAH C	Mr. SUHAS M S Mr. AMOGH H S Mr. CHETHANPRABU C N Mr. DARSHAN S
16.	45S_BE_2676	DESIGN AND DEVELOPMENT OF STRUCTURAL TEST FIXTURE FOR HORIZONTAL AXIS WIND TURBINE BLADE	B.E.	MECHANICAL ENGINEERING	AMRITA VISHWA VIDYAPEETHAM BENGALURU CAMPUS, BENGALURU	Prof. PRASHANTH B N	Mr. SRIRAM R Mr. ABHIRAM S Mr. AKKASH R Mr. VIKRAM R N

17.	45S_BE_2583	FABRICATION OF COCONUT TREE CLIMBER	B.E.	MECHANICAL ENGINEERING	BANGALORE TECHNOLOGICAL INSTITUTE, BENGALURU	Mr. SANDEEP D V Mr. ARUNKUMAR S M	Ms. DIVYA RAJ SHRESTHA Mr. JAISHWAR R Mr. VENKATESH S Mr. JASWANTH V GOWDA
18.	45S_BE_4137	DESIGN AND FABRICATION OF SOLAR POWERED DUAL SIDE PESTICIDE SPRAYER USING SCOTCH YOKE MECHANISM	B.E.	MECHANICAL ENGINEERING	C. BYREGOWDA INSTITUTE OF TECHNOLOGY, KOLAR	Mr. GOWTHAM M J Mr. SANDEEP S N	Mr. MOHAMMED SHAKEEL Mr. AKSHAY V Mr. BHARATH GOWDA N B Mr. PAVAN A M
19.	45S_BE_4699	DESIGN AND DEVELOPMENT OF SUPER ELECTRIC MOTORBIKE	B.E.	MECHANICAL ENGINEERING	C. BYREGOWDA INSTITUTE OF TECHNOLOGY, KOLAR	Mr. CHOWDA REDDY C	Mr. SHASHANK M Mr. VISHWANATH J Mr. SONNE GOWDA B S Mr. GOWTHAM H R
20.	45S_BE_2082	DESIGN AND FABRICATION OF CONFORMAL COOLING CHANNELS FOR AN EXTRUDER TO 3D PRINT HIGH TEMPERATURE THERMOPLASTIC MATERIALS	B.E.	MECHANICAL ENGINEERING	C.M.R. INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. MAHARUDRESH A C Dr. SAGAR M BALIGIDAD	Mr. CHANDANA KRISHNA V T Mr. CYRIL MARTIN Mr. DEEPAK M Mr. GIRISH KUMAR N
21.	45S_BE_2800	DEVELOPMENT OF FRICTIONLESS BRAKING SYSTEM	B.E.	MECHANICAL ENGINEERING	C.M.R. UNIVERSITY, BENGALURU	Dr. ARUN KUMAR K H Dr. MATEEN M A	Mr. SIDDHARTH MISHRA Mr. ANIL BIJU PAREL Mr. PUNITH H S Mr. REJETH KRISHNAN S
22.	45S_BE_4830	DESIGN AND FABRICATION OF POWERTRAIN AND ELECTRICAL SUBSYSTEM - A PORTABLE ELECTRIC SCOOTER	B.E.	MECHANICAL ENGINEERING	C.M.R. UNIVERSITY, BENGALURU	Dr. MATEEN M A	Mr. AMIRSOHAIL Mr. VISHNU SHARMA NANDA Mr. SANEL D S Mr. PRAJWAL B
23.	45S_BE_1405	DEVELOPMENT AND CHARACTERISATION OF Al-Cu-SiC AND FLYASH HYBRID COMPOSITE USING STIR CASTING TECHNIQUE AND EVALUATING MECHANICAL PROPERTIES FOR AEROSPACE APPLICATIONS : BEST TO WASTE APPROACH FOR FOR SOCIAL NEEDS	B.E.	MECHANICAL ENGINEERING	DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT, BENGALURU	Dr. MALLIKARJUN BIRADAR	Mr. CHANDAN V Mr. DARSHAN GOWDA S Ms. MEGHANA M Mr. NANDISH D A
24.	45S_BE_1903	DESIGN AND FABRICATION OF WATER QUALITY MONITORING RC BOAT	B.E.	MECHANICAL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. RAMESHA H	Mr. YASH PARMAR Mr. YASH KUMAR Mr. MD MukTADA ANSARI Mr. S.M YUVRAJ SHRUJAN
25.	45S_BE_2086	DESIGN AND FABRICATION OF STAIRCASE CLIMBING TROLLEY FOR GOODS TRANSPORTATION	B.E.	MECHANICAL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. M K VENKATESH	Mr. R SHREYAS Mr. ANAKALA ARAVIND ARYAN Mr. VINAY G N
26.	45S_BE_3647	DESIGN AND DEVELOPMENT OF ADVANCED HIGH STRENGTH STEEL	B.E.	MECHANICAL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Mr. KRANTIKUMAR KSHAURAD	Mr. ASHISH D BIRADAR Mr. H M BHARGAVA RAJE URS Mr. K JAYASIMHA Mr. SURYA KEERTHI T S

27.	45S_BE_3732	DESIGN, ANALYSIS AND FABRICATION OF DUCTED FAN	B.E.	MECHANICAL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. K.C. PANDA	Mr. RAHUL YANKANCHI Ms. POORVIK V PRASAD Mr. NEERAJ RAMESH NAIK Mr. NIKHIL YADAV PN
28.	45S_BE_4248	FABRICATION AND EVALUATION OF PROPERTIES OF AGRO-WASTE REINFORCED RECYCLED 3D PRINTED POLYMER COMPOSITE	B.E.	MECHANICAL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Dr. R. KESHAVAMURTHY	Ms. JEZREEL CHAMATHIL MOHAN Ms. P PRANITHA Mr. VARUN THAKUR Ms. PRAGYA JHA
29.	45S_BE_4319	CONVERSION OF CONVENTIONAL VEHICLE TO ELECTRIC VEHICLE (TWO WHEELER GEAR LESS)	B.E.	MECHANICAL ENGINEERING	DAYANANDA SAGAR COLLEGE OF ENGINEERING, BENGALURU	Mr. RAVI KUMAR S R	Mr. VIJAYSURIYA V R A Mr. KIRAN R Mr. RAVIKUMAR Mr. VIRESH