

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus

45TH SERIES STUDENT PROJECT PROGRAMME:2021-22

MIDTERM EVALUATION

Date: 27th June 2022 (Monday), 09:00 AM

Session Link: <https://meet.google.com/xko-dmxo-rsr>

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_3571	FABRICATION OF ARTIFICIAL INTELLIGENCE SOLAR BASED FIRE FIGHTING AGV	B.E.	MECHANICAL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Mr. VINOD KUMAR G S	Mr. ABHISHEK YADAV Mr. AJAY A M Mr. DHANUSH S Mr. SAI SAMHITH DUVVADA
2.	45S_BE_3725	DEVELOPMENT AND WEAR CHARACTERIZATION OF AL7075-ZIRCON PARTICULATE COMPOSITES FOR AUTOMOTIVE APPLICATIONS	B.E.	MECHANICAL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. HEMANTH RAJU T	Mr. JAGADISH KUMAR M Mr. VAISHAG SYAM SUNDAR Mr. KARTHIK C Ms. ABHINAYA VAIDYANATHAN
3.	45S_BE_3832	DESIGN AND FABRICATION ON FIN TUBE HEAT EXCHANGER	B.E.	MECHANICAL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Mr. KEMPARAJU	Mr. SAI PAVAN Mr. KUSHAL L Mr. RAMESHWAR Mr. NAVEEN KUMAR T V
4.	45S_BE_3853	LOW-COST, ECO FRIENDLY PORTABLE WATER FILTER	B.E.	MECHANICAL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Prof. VINAY D R	Mr. YATISH RAVINDRA Mr. CHETHAN P Mr. MANJUNATHA S Mr. NIDARSHAN S
5.	45S_BE_3876	ELECTRICITY GENERATION BY A STIRLING ENGINE	B.E.	MECHANICAL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Mr. CHETAN KUMAR D S Dr. K DHANALAKSHMI	Mr. PURUSHOTHAM M Mr. DHARUN SINGH Mr. VISHAL B N Mr. VISHWAS Y.P
6.	45S_BE_3880	DESIGN AND FABRICATION OF BIKE ENGINE HOLDER	B.E.	MECHANICAL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Mr. SANTHOSH.A.N Dr. K GOPAL	Mr. VINAY HEGDE Mr. VINOD KUMAR S Mr. GIRI.R Mr. RAKESH D L

7.	45S_BE_3918	EVALUATION OF MECHANICAL PROPERTIES OF AL6061-AL2O3-ZIRCON HYBRID METAL MATRIX COMPONENTS BY USING STIR CASTING TECHNIQUE	B.E.	MECHANICAL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Mr. HEMANTH RAJU	Ms. TAMMANNAGOUDA PATIL Mr. MANOJ M R Mr. INSHAL ASHFAR Mr. MOHAMMED NAZMUL SHAIK
8.	45S_BE_4011	AUTOMATIC METAL CUTTING MACHINE USING GENEVA MECHANISM	B.E.	MECHANICAL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Mr. VINOD KUMAR G S	Ms. ARCHANA N Mr. LIKHITESH A L Mr. YASHWANTH KUMAR P.K Mr. KURUBA BANDAIAH
9.	45S_BE_4040	SOS RING FOR WOMEN'S SAFETY USING BLUETOOTH LOW ENERGY	B.E.	MECHANICAL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Prof. KEMPARAJU C R	Mr. GANESH C G Mr. SANKET Mr. HARI REDDY K Mr. CHANDAN R
10.	45S_BE_4089	TRIBOLOGICAL STUDIES OF HEAT TREATED ALUMINIUM SILICON ALLOY	B.E.	MECHANICAL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Dr. SRINATH M K	Mr. VEERA VIJEETH KUMAR REDDY Mr. SHAIK JAFAR Mr. SHASHWAT PATHAK Ms. MATA SUGURU ABHISHEK
11.	45S_BE_4091	DESIGN AND FABRICATION OF HIGH PRESSURE PIPE BENDING TOOL	B.E.	MECHANICAL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Mr. VEERESHA G	Mr. AJITH ARNACHALAM Mr. ADARSHA B K Mr. DHANUSH R Mr. KANTA VENKATA SUDHEER KUMAR
12.	45S_BE_4093	INNOVATIVE STUDY OF EVALUATION OF PHYSICAL AND MECHANICAL PROPERTIES OF POLYETHYLENE BASED WOOD PLASTIC COMPOSITES	B.E.	MECHANICAL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Mr. HANAMANT YARAGUDRI	Ms. BINU BRIGHT B Mr. A ALWIN PAUL Mr. ADARSA PARIDA Mr. HRITHIK E
13.	45S_BE_4161	COMPARATIVE STUDY ON TOOL WEAR PREDICTION BASED ON MACHINE LEARNING TECHNIQUES.	B.E.	MECHANICAL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Mr. RAVI KUMAR	Mr. J SIRUS Mr. VEDANTH REDDY Mr. AMAN DASH Mr. VIKAS JADHAV
14.	45S_BE_4184	ANALYSIS OF ALUMINIUM 6082 ALLOY WITH SIC REINFORCEMENT	B.E.	MECHANICAL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Mr. SRINATH M K	Mr. WANGJAM DEEPAK Mr. ARUNKUMAR K M Mr. GOVIND KUMAR YADAV S Mr. CHIRAG YOGESH PATEL
15.	45S_BE_4187	MULTIPURPOSE SOLAR OPERATED IOT DESALINATION SYSTEM FOR POTABLE AND AGRICULTURE USES	B.E.	MECHANICAL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Prof. SUJEET SWAMI Prof. RAVI KUMAR	Mr. HEMANTH B P Mr. KRISHNA PANDIT Mr. HARSHAL KASHYAP Mr. AYWANT KAMAL
16.	45S_BE_4230	NOVEL DRYING TECHNIQUE FOR AVOIDING FOOD SPOILAGE	B.E.	MECHANICAL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Mr. RAVIKUMAR M Dr. SUMA T	Mr. ABHISHEK BANKAR Mr. ADVAITH D S Mr. ABDULLA FARHAN Mr. KIRAN KUMAR N

17.	45S_BE_4308	VIBRATION ANALYSIS OF AN OPTIMIZED AIRCRAFT WING	B.E.	MECHANICAL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Mr. RAJESH A	Mr. MAHAMMAD SHABEER K M Mr. YUVARAJ S Mr. SARFARAZ S M Mr. PRATIK POUDEL
18.	45S_BE_4519	FRICTION STIR WELDING OF DISSIMILAR METALS AND ITS CHARACTERIZATION	B.E.	MECHANICAL ENGINEERING	NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU	Mr. KARTHIK S N Dr. PRASHANTH	Mr. JUSTIN SAMUEL Mr. MOHAMMAD RAHEEM BAIG Mr. K PRASATH
19.	45S_BE_2057	INVESTIGATION ON EFFECTS OF THERMAL RADIATION FOR ELECTRONIC COOLING ON MODIFIED PRINTED CIRCUIT BOARD (PCB) GEOMETRY UNDER NATURAL CONVECTION	B.E.	MECHANICAL ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. ARUN KUMAR G L Dr. MADHUSUDHAN ACHARYA	Mr. ADITYA KASHYAP Mr. AJAY RAO Mr. TEJAS ALVA Mr. TUSHAR VERMA
20.	45S_BE_3439	DESIGN AND DEVELOPMENT OF LAND ROVER ROBOT FOR MILITARY AND SPACE APPLICATIONS	B.E.	MECHANICAL ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Mr. PRASHANTH N Dr. J. SUDHEER REDDY	Mr. BHADRESH J MUDAKAMATH Mr. PRASANNA APPASAHEB MODI Mr. PRATHAP S Mr. SANDEEP DESHPANDE
21.	45S_BE_3636	DEVELOPMENT OF A SMART AIR FILTRATION SYSTEM TO CONTROL COVID-19 TRANSMISSION IN HOME ENVIRONMENT	B.E.	MECHANICAL ENGINEERING	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BENGALURU	Dr. N KAPILAN Prof. M N ANAND	Mr. REUBEN RICHARDSON Mr. ADVAITH S AGASTHYA Mr. PAVAN KUMAR K Mr. PRAMODH R