

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus

46th SERIES STUDENT PROJECT PROGRAMME:2022-23

MIDTERM EVALUATION

Date: 2nd June 2023 (Thursday), 9:30 AM

Session Link: <https://meet.google.com/rup-kmfg-gpb>

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_2051 | EXPERIMENTAL INVESTIGATION OF SHOT PEENING PROCESS ON ALUMINIUM ALLOY | B.E. | MECHANICAL ENGINEERING | HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAVI | Prof. D.N INAMDAR Prof. G.M.ZULAPI | Mr. SATIGOUDA PATIL Mr. PRATHAMESH NILAJI Mr. SURAJ MARADI Mr. SHIVANAND DODAGOUDAR |
| 2. | 46S_BE_2070 | FIBER EXTRACTION FROM BANANA STEM | B.E. | MECHANICAL ENGINEERING | HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAVI | Mr. M S FUTANE | Mr. DHANANJAYAKUMAR MAGADUM Mr. PAVANKUMAR SHIRAHATTI Mr. MAHADEV PATROT Mr. RAMESH ADIN |
| 3. | 46S_BE_2853 | ECO FRIENDLY ADVANCED COMMUNITY SOLAR DRYER | B.E. | MECHANICAL ENGINEERING | HIRASUGAR INSTITUTE OF TECHNOLOGY, BELAGAVI | Dr. S N TOPANNAVAR | Mr. SOURABHA SHINDE Mr. ADITYA PATIL Mr. RAMESH MANJARARGI Mr. VIRUPAXAYYA MATHAD |

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| 4. | 46S_BE_3579 | DESIGN AND DEVELOPMENT OF PISTON TYPE CARDIO-PULMONARY RESUSCITATION PORTABLE MACHINE USING IOT | B.E. | MECHANICAL ENGINEERING | J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU | Dr. SRIKANTAMURTHY J S Dr. GOWREESH SUBRAMANYA S | Mr. ATHREYA A Mr. CHARAN M Mr. BALAJI R Mr. DARSHAN PRABHU |
| 5. | 46S_BE_5420 | ADVANCED INLINE PIPE INSPECTION ROBOT | B.E. | MECHANICAL ENGINEERING | J.S.S. ACADEMY OF TECHNICAL EDUCATION, BENGALURU | Dr. GOWREESH S S Dr. J S SRIKANTAMURTHY | Mr. HEMANTH B N Mr. ASHISHKUMAR Mr. LAVKUSH R |
| 6. | 46S_BE_5239 | DESIGN AND DEVELOPMENT OF HANDS-FREE DEVICES TO PREVENT THE SPREAD OF COVID-19 LIKE INFECTIOUS DISEASES. | B.E. | MECHANICAL ENGINEERING | J.S.S. SCIENCE AND TECHNOLOGY UNIVERSITY, MYSURU | Dr. RAVISHANKAR R Mr. S.G. CHANNABASAVANNA | Mr. YOGESH K M Mr. ARUN CHIKKANAGOUDAR Mr. CHANDAN B R Mr. HAMSALEKHA C |
| 7. | 46S_MBA_094 | APPLYING 4A'S MODEL OF MARKETING TO ACHIEVE SUSTAINABLE TRANSFORMATION OF RURAL COMMERCIAL BUILDINGS WITH EPS TECHNOLOGY - A FEASIBILITY STUDY | M.B.A | MANAGEMENT STUDIES | MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOOBBIDRI | Mr. PRADEEP KUMAR B R | Mr. GANESH SHETTY Mr. EDLIN CLEETA SALDANHA Mr. PRANEESH SHETTY |
| 8. | 46S_BE_4837 | FABRICATION OF LOW COST AUTOMATIC FIRE EXTINGUISHER SYSTEM | B.E. | AUTOMOBILE ENGINEERING | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Prof. SMITHA B S | Mr. P.N.V. SRI MAVULLAYYA Mr. VARUN R Ms. SHRINIDHI N Mr. VARUN K |
| 9. | 46S_BE_5117 | DESIGN AND DEVELOPMENT OF E-BIKE FOR PHYSICALLY CHALLENGED PEOPLE | B.E. | AUTOMOBILE ENGINEERING | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Prof. SMITHA B S | Mr. PARMEET SINGH Mr. SAMPREETH P Mr. AAMIR HUSEN MIYA Mr. SAGAR AKALWADI |
| 10. | 46S_MTech_013 | ULTRASONIC ASSISTED BIODIESEL PRODUCTION FROM WASTE COOKING OIL AND STUDY OF PERFORMANCE CHARACTERISTICS IN A SINGLE CYLINDER DIESEL ENGINE | M.Tech | THERMAL POWER ENGINEERING | P.D.A. COLLEGE OF ENGINEERING, KALABURAGI | Dr. M.C.NAVINDGI | Mr. MAHESH KUMAR TALWAR |
| 11. | 46S_MTech_008 | DEVELOPMENT OF BIMETALLIC SULFIDE BASED NANOSTRUCRES FOR SUPERCAPACITOR APPLICATIONS | M.Tech | PRODUCT DESIGN AND MANUFACTURING | R.V. COLLEGE OF ENGINEERING, BENGALURU | Dr. SHIVARAJ B W Dr. MANJUNATHA C | Mr. SHAMANTH S NADIG |

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| 12. | 46S_BE_1696 | DESIGN AND DEVELOPMENT OF SIMPLE AND AFFORDABLE RADIAL PISTON PUMP | B.E. | MECHANICAL ENGINEERING | S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI | Mr. SRINATH U GHODKE Mr. RAJENDRA M GALAGALI | Mr. VIJAYKUMAR CHAVAN Mr. GANESH P THARAPATTI Mr. PRAVEEN R HOSUR Mr. MAHESH B ATTIMARAD |
| 13. | 46S_BE_1786 | RE-INNOVATION AND FABRICATION OF PORTABLE VEHICLE WASHER MACHINE | B.E. | MECHANICAL ENGINEERING | S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI | Mr. SHARANBASSAPPA C ZAMPA | Mr. HALABAR MUTTURAJ N Mr. GANGADHAR D PATIL Mr. MANISH R TALAWAR Mr. KARTIK R NANDAGADKAR |
| 14. | 46S_BE_2768 | DESIGN AND ANALYSIS OF SOLAR POWERED SMART ELECTRIC CAR WITH ACCIDENTAL SAFETY SYSTEM | B.E. | MECHANICAL ENGINEERING | S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI | Prof. SUPRIT N MALAGI Dr. R.M GALAGALI | Mr. VINOD BASAPPA KOLKAR Mr. KARTIK SUDAM SUTAR Mr. LAXMAN LOHAR Mr. BHARTESH B M |
| 15. | 46S_BE_3305 | DESIGN AND OPTIMIZATION OF STEERING, SUSPENSION AND BRAKING SYSTEM | B.E. | MECHANICAL ENGINEERING | S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAVI | Mr. ANGAD NAIK | Mr. RUTURAJ SANJAY SHENAWA Mr. IMMANUEL SAMUEL Mr. OMKAR KAREGAR |
| 16. | 46S_BE_2042 | DEVELOPMENT AND TRIBO-MECHANICAL CHARACTERIZATION OF SYNTACTIC FOAM SYNTHESIZED USING INDUSTRIAL WASTE FLYASH | B.E. | INDUSTRIAL ENGINEERING AND MANAGEMENT | SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMAKURU | Dr. VISHWAS M | Mr. RAKESH C L Mr. JAYADEV J Ms. GAGANA T R Ms. BABITHA C M |
| 17. | 46S_MTech_001 | COMPARATIVE STUDY ON STRUCTURAL BEHAVIOUR OF RC SHORT COLUMN WITH GFRP BARS AND GEOPOLYMER CONCRETE | M.Tech | COMPUTER AIDED DESIGN OF STRUCTURES | SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY, TUMAKURU | Mr. GURUPRASAD T N | Mr. UDAY SHANKAR N |
| 18. | 46S_BE_2440 | FABRICATION OF BATTERY MANAGEMENT SYSTEM FOR ELECTRIC VEHICLE | B.E. | AUTOMOBILE ENGINEERING | SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU | Mr. PRAKASH S T | Mr. VIPUL KUMAR T R Mr. ABHISHEK RAO G Mr. KISHAN NARAYAN BABAJIYAVAR Mr. SAEED SFIULLA RAHIMAN |

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| 19. | 46S_BE_3565 | FABRICATION AND DEVELOPMENT OF BLDC MOTOR AND CONTROLLER FOR DESIGNED ELECTRIC VEHICLE | B.E. | AUTOMOBILE ENGINEERING | SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU | Mr. GIRISH A.R | Mr. CHANCHAL KURIAN Mr. ABHISHEK Mr. CHANDAN M Mr. NITHIN THOMAS |
| 20. | 46S_BE_2253 | A COMPREHENSIVE STUDY ON THE INFLUENCE OF INJECTION PRESSURE ON PERFORMANCE AND EMISSION CHARACTERISTICS OF A DIESEL ENGINE WITH THE BLENDS OF DIESEL, BOILED COOKING OIL BIODIESEL AND OXYGENATED ADDITIVE AS AN ALTERNATIVE FUEL | B.E. | INDUSTRIAL AND PRODUCTION ENGINEERING | THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU | Mr. SANDESHGOWDA K V | Mr. HEMANTH M K Mr. V N SUBRAHMANIAN Ms. SWATI R HEGDE Mr. SUFIYAN AHMED H N |
| 21. | 46S_BE_1766 | INVESTIGATION ON MECHANICAL AND TRIBOLOGICAL CHARACTERISTICS OF FIBER REINFORCED NANO HYBRID COMPOSITES FOR AGRICULTURAL APPLICATIONS | B.E. | AUTOMOBILE ENGINEERING | THE OXFORD COLLEGE OF ENGINEERING, BENGALURU | Dr. RAJU B R | Mr. SANTHOSH G Mr. NIKSHEP S R Mr. SHREYAS A Mr. SAI GANESH K |