

Karnataka State Council for Science and Technology
Indian Institute of Science campus, Bengaluru

44th Student Project Programme
Online Evaluation

Date: 16th August 2021

Time:9.30 am

MECHANICAL ENGINEERING - 24

| Sl. No: | PROJECT REFERENCE No. | PROJECT TITLE | COLLEGE | GUIDE | STUDENTS |
|---------|-----------------------|--|--|---------------------------------------|--|
| 1 | 44S_BE_1354 | DESIGN AND FABRICATION OF SOLAR POWERED MULTIPURPOSE AGRICULTURAL VEHICLE | CAMBRIDGE INSTITUTE OF TECHNOLOGY NORTH CAMPUS, DEVANAHALLI, BENGALURU | Dr. AMAR DEEPAK M Mr. CHANDRAHAS M | Mr. PAVAN KUMAR C Mr. MANOJ S Mr. SHARATH KUMAR N Mr. SIDDARAJA NAIK K B |
| 2 | 44S_BE_1943 | DESIGN AND FABRICATION OF SOLAR POWERED (HYBRID) COFFEE CHERRY DRYER | COORG INSTITUTE OF TECHNOLOGY, KODAGU | Prof. JNANESH M Dr. M BASAVARAJ | Mr. NANJAPPA U B Ms. BHAVAN K P Mr. HARSHITH KUSHALAPPA P T Mr. MITHESH H M |
| 3 | 44S_BE_1948 | LOW COST ROTARY TYPE MULTI CROP DRYER | COORG INSTITUTE OF TECHNOLOGY, KODAGU | Prof. THIMMAIAH A.G | Ms. SONICA PONNAMMA A.L Mr. ASHWIN KARIAPPA K.C Mr. PRATHIK A.M Mr. LIBIN SEBASTIAN |
| 4 | 44S_BE_4143 | AUTOMATED COCONUT / ARECANUT HARVESTING MACHINE | COORG INSTITUTE OF TECHNOLOGY, KODAGU | Prof. ARAVIND APPANNA K E | Mr. SHAWN MANOJ Mr. EBIN BENCHAMIN LOUIS T Mr. SEEMANTH M Mr. ARUN K |
| 5 | 44S_BE_0042 | ELECTRIC VEHICLE CHARGING STATION | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Dr. M S GANESH PRASAD | Mr. AASHISH A JOSHI Mr. HARIRAM THARAKARAM ARNI Mr. K M VISHAL SOMAIYA Mr. MUBASHIR HUSSAIN |
| 6 | 44S_BE_0049 | PERFORMANCE AND EXHAUST ANALYSIS OF ULTRASONIC TRANSESTERIFIED BLENDS OF PONGAMIA OIL WITH BIODIESEL | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Mr. RAVI KUMAR M | Mr. P H ARVIND SHARMA Mr. AMEET GURURAJ NANAVATE Mr. AKASH HEGDE Mr. PRASHANTH J |
| 7 | 44S_BE_0051 | DESIGN AND FABRICATION OF COST EFFECTIVE AGRICULTURAL MACHINE | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Mr. VEERESHA G | Mr. R SUJAY Mr. SANDEEP M Mr. K BHASKAR REDDY Mr. SUDARSHAN REDDY KR |
| 8 | 44S_BE_0052 | DESIGN AND FABRICATION OF PLASTIC EXTRUSION MODEL | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Dr. RAGHU TILAK REDDY | Mr. ANANTHAKRISHNAN J Mr. ADHARSH K Mr. DEVARAJ J Mr. KIRAN KUMAR D J |
| 9 | 44S_BE_0054 | KITCHEN WASTE WATER HARVESTING | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Prof. MEGHA SHUKLA | Mr. VISHNU V Mr. DARSHAN AL Mr. RITIK KUMAR SINGH Mr. KISHLAY KUMAR |

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| 10 | 44S_BE_0055 | DESIGN & PERFORMANCE ANALYSIS OF PV SOLAR DRYER FOR RETENTION OF VITAL NUTRIENTS IN FRUITS/VEGETABLES | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Prof. RAVI KUMAR M Dr. M S GANESHA PRASAD | Mr. VIGNESH KUMAR S Mr. VEDEESWARAN D Mr. SONIC SOMANNA P K Mr. SARAVANA S |
| 11 | 44S_BE_0200 | INVESTIGATING THE STRENGTH OF THE PARTS PRODUCED BY FRICTION WELDING PROCESS | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Dr. ASHOK KUMAR | Mr. CHANNAVEERAPPA NINGAPPA SHETTAR Ms. KALAKUSA RAIBAGI Mr. UMESH Mr. CHETAN JAVALAGI |
| 12 | 44S_BE_0201 | DESIGN AND FABRICATION OF ZIGBEE DEVICE FOR FAULT DETECTION, MONITORING AND CONTROLLING OF INDUCTION MOTOR | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Prof. HANAMANT YARAGUDRI | Mr. SANJAY RAM JS Mr. RAVINDRA V Mr. SUMAN D Mr. SANJU S |
| 13 | 44S_BE_1448 | DESIGN AND DEVELOPMENT OF SMART IRRIGATION SYSTEM USING IoT | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Prof. SUJEETH SWAMI | Mr. VINAY KUMAR K Mr. ABHISHEK NAYAKA M Mr. AKSHAY G AROMOTI Mr. V JAYA KRISHNA |
| 14 | 44S_BE_3485 | DESIGN AND FABRICATION OF AN ELECTRIC CAFÉ RACER | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Mr. VINOD KUMAR | Mr. ABHIJITH B Mr. ASHISH JOSE VARGHESE Mr. AMIT K VERNEKAR Mr. HASEEB FAYAZ KHAN |
| 15 | 44S_BE_3487 | DESIGN AND FABRICATION OF AUTOMATIC PNEUMATIC SHEET METAL CUTTING MACHINE | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Mr. NARESH K S | Mr. K S SHRENIK KUMAR Mr. GANGADHARA S Mr. AKSHAY KUMAR V Mr. MANOJ B N |
| 16 | 44S_BE_3489 | DESIGN OF ROCKER BOGIE MECHANISM BY FABRICATION OF TERRAIN VEHICLES USING CONCEPT OF SUSPENSION SYSTEM IN THE BOGIE MECHANISM | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Dr. GOPALA KRISHNAN | Mr. SHREYAS J Mr. GITESH KRISHNA Mr. B U GASTEL THJOMAS Mr. L ANOOSH |
| 17 | 44S_BE_3490 | FINITE VOLUME ANALYSIS ON DRONE PROPELLER BLADES | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Ms. MEGHA SHUKLA | Mr. MOHAMMED FAHEEM ABDUS SAMAD Mr. P HARSHA Mr. RAM MOHAN Mr. KEERTHAN S T |
| 18 | 44S_BE_3493 | DESIGN AND FABRICATION OF A PORTABLE DE-HUSKING MACHINE FOR MILLETS USING SOLAR ENERGY | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Prof. NAGABHUSHANA | Mr. VISHNU TEJA C Mr. VISHWAS S Mr. CHETANNAIK S K Mr. VINAYAK BUDIHAL |
| 19 | 44S_BE_3732 | DESIGN AND SIMULATION OF DUAL AXIS SOLAR TRACKING PANAL FOR RURAL AREAS | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Dr. PRIYABRATA ADHIKARY | Mr. NITHIN BALI Mr. PRASHANTH N PRASAD Mr. JEFFRIN IMMANUEL A Mr. ZAID HUQ |
| 20 | 44S_BE_3736 | STUDY AND DEVELOPMENT OF EDIBLE PLATES FOR DOMESTIC USE | NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU | Mr. BOPANNA K D | Mr. SUBHAM DEVANAND THORAT Mr. VENKATESH A Mr. SANDESH M S Mr. SHAIKH ABDUL ALAM TACHAI |
| 21 | 44S_BE_2489 | ELECTRIC MULTI PURPOSE AGRICULTURE VEHICLE | P.D.A. COLLEGE OF ENGINEERING, KALABURAGI | Dr. H V ASTAGI | Mr. PAVAN MAHAJIRE Mr. HRITHIK GOLA Mr. KIRAN MADIVAL Mr. MALLIKARJUN |

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| 22 | 44S_BE_2493 | EXTRACTION AND ENHANCEMENT OF PROPERTIES OF CASTOR OIL BIODIESEL FOR BETTER PERFORMANCE IN DI ENGINE | P.D.A. COLLEGE OF ENGINEERING, KALABURAGI | Dr. M C NAVINDGI | Ms. ARUNA B.STHAVARMATH Ms. SHRUTI SAJJAN Ms. POOJA CHITNALLE Ms. ROOPA |
| 23 | 44S_BE_2494 | SEABIN : A FLOATING BIN FOR COLLECTING POLLUTANTS FLOATING ON THE SURFACE OF WATER | P.D.A. COLLEGE OF ENGINEERING, KALABURAGI | Prof. VEERBHADRAPPA PRABHUSHETTY | Mr. KRISHNA KULKARNI Mr. ANAND Mr. AKASH Mr. AMARNATH JAITHIWAD |
| 24 | 44S_BE_2498 | ROCKER BOGIE (ROVER) MECHANISM | P.D.A. COLLEGE OF ENGINEERING, KALABURAGI | Prof. SHARAN PADASHETTY | Mr. GANGADHAR Mr. DHANRAJ Mr. KIRAN Mr. AKASH |