

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

**44th Student Project Programme**  
**Online Evaluation**

**Date: 16th August 2021**

**Time: 10.00 am**

**MECHANICAL ENGINEERING - 26**

Sl. No:	PROJECT REFERENCE No.	PROJECT TITLE	COLLEGE	GUIDE	STUDENTS
1	44S_BE_0034	PERFORMANCE COMBUSTION AND EMISSION CHARACTERISTICS OF A SINGLE CYLINDER CI ENGINE WITH WCO BIODIESEL AND NANOPARTICLES WITH OXYGEN ENRICHMENT PROCESS	A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY, MANGALURU	Dr. VIGNESHA NAYAK	Mr. MANISH KULAL Mr. PURUSHOTHAMA H SHETTY Mr. WILFRED MARSHAL VARGHESE Mr. TEJESH
2	44S_BE_2474	OPERATION OF DIESEL ENGINE FUELED WITH BIO-DIESEL AND ITS VARIOUS BLENDS AFTER INCORPORATING WITH EXHAUST GAS RECIRCULATION (EGR) TECHNIQUE	A.M.C. ENGINEERING COLLEGE, BENGALURU	Dr. C. SOLAIMUTHU	Mr. RAKSHITH B M Mr. NIKHIL KC Mr. RAKSHITH S Mr. MANOJ KUMAR M A
3	44S_BE_3768	PERFORMANCE AND EMISSION CHARACTERISTICS OF CRDI (COMMON RAIL DIRECT INJECTION) ENGINE FUELED WITH CARDANOL-HONGE BIODIESEL BLEND WITH DIESEL PARTICULATE FILTER AT THE EXHAUST	ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOOBBIDRI	Dr. MANOJ KUMAR A P	Mr. TAJUDDIN H I Mr. ANIL KUMAR S Mr. PAVAN KUMAR S Mr. ASHISH SHETTY
4	44S_BE_3435	EXPERIMENTAL INVESTIGATION ON WASTE COOKING OIL , AVOCADO ( PERSEA AMERICANA ) PEAR OIL BLENDED WITH DIESEL AS A BIO FUEL FOR FOUR STROKE SINGLE CYLINDER DIESEL ENGINE.	AMRUTA INSTITUTE OF ENGINEERING AND MANAGEMENT SCIENCES, BIDADI	Prof. MAHADEVA	Mr. MAHESHA M.S Mr. MUGAPPA B Mr. JAVED RAFAI
5	44S_BE_3127	STUDY OF THE PROPERTIES OF GAS GENERATED OUT OF COMPOSITE WOOD (NEEM, SAJA & TEAK WOOD) THROUGH GASIFICATION.	BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLARI	Mr. RAGHAVENDRA KARNOOL Dr. RAJU JADAR	Mr. KALYAN KUMAR B Mr. KUMAR Ms. KUDUTINI VIRUPAKSHI Mr. KIRAN KUMAR B
6	44S_BE_3559	BIODIESEL EXTRACTION FROM MICROALGAE AND TESTING ITS PROPERTIES	BAPUJI INSTITUTE OF ENGINEERING AND TECHNOLOGY, DAVANAGERE	Dr. K SADASHIVAPPA Dr. SHARAN A S	Mr. B H VINAYAKA Mr. DEVARAJ G B Mr. HARSHAVARDHAN M J Mr. AJAY KUMAR N
7	44S_BE_1270	DESIGN AND FABRICATION OF LOW COST SOLAR BIOMASS HYBRID COPRA DRYER FOR RAGHAVENDRA COCONUT OIL MILL, GRAMACHAVADI, MANGALORE	BEARYS INSTITUTE OF TECHNOLOGY, MANGALURU	Mr. MANJUNATH ICHCHANGI	Mr. MOHAMMED AMANULLA HUSSAIN Mr. DAVOOD HAKIM Mr. MUHAMMED ZAIN C A Mr. MOHAMMED SHIYAB

8	44S_BE_1093	PRODUCTION OF DIFFERENT BIODIESEL FUEL AND PERFORMANCE ANALYSIS OF CI ENGINE	G.M. INSTITUTE OF TECHNOLOGY, DAVANAGERE	Dr. BASAVARAJAPPA D N	Mr. SAGAR H G Mr. HARSHA C S Mr. BHARATH T G Mr. VINAYAK S P
9	44S_BE_0958	OPTIMISATION OF BIODIESEL PRODUCTION FROM WASTE COOKING OIL	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Prof. PRIYANKA G	Mr. SHAH MISBAHUL ISLAM Mr. SHAH SAMAD QUADRI Mr. MD KALEEM PARVEZ Mr. MD FURQUANUDDIN
10	44S_BE_3158	PRODUCTION OF BIODIESEL FROM MANILKARA ZAPOTA (CHIKOO OR SAPODILLA) SEED OIL AND PERFORMANCE CHARACTERISTICS STUDY ON SINGLE CYLINDER CI ENGINE	GURU NANAK DEV ENGINEERING COLLEGE, BIDAR	Prof. SHIVASHANKER B C	Mr. BALU Mr. DNYANOBA Mr. PAVAN Mr. SYED SHOEB
11	44S_BE_3352	STUDY OF DRY SLIDING WEAR BEHAVIOUR OF PONGAMIA PINNATA SEED SHELL POLYMER MATRIX COMPOSITE USING TAGUCHI TECHNIQUE AND WATER ABSORPTION TEST	H.K.B.K. COLLEGE OF ENGINEERING, BENGALURU	Prof. DINESH H A	Mr. SURUNATH Mr. MITHIN N P Mr. ABHISHEK M Mr. BHARATH S
12	44S_BE_2194	BIO BRICKS	R.L. JALAPPA INSTITUTE OF TECHNOLOGY, DODDABALLAPURA, BENGALURU	Dr. M SREENIVASA REDDY	Mr. VENKATESH D.N Mr. JAYANTH M Mr. HEMANTH KUMAR M B Mr. YASHAVANTH KUMAR N
13	44S_BE_2385	EXPERIMENTAL INVESTIGATION OF PERFORMANCE AND EMISSION TEST USING BIODIESEL FROM JATROPHA CURCAS SEED OIL IN CI ENGINE	R.T.E. SOCIETY'S, RURAL ENGINEERING COLLEGE, HULKOTI, GADAG	Prof. SIDDESH .N. BEVINAHALLI	Mr. ANAND SHIVANAGI Ms. AMRUTHA C MUNDARAGI Mr. ARUNKUMAR HARLAPUR Mr. GANESH TIMMAPPA SAMBRANI
14	44S_BE_2392	PERFORMANCE AND EMISSION CHARACTERISTICS OF A BIODIESEL USING DECCAN HEMP OIL IN CI ENGINE.	R.T.E. SOCIETY'S, RURAL ENGINEERING COLLEGE, HULKOTI, GADAG	Prof. SIDDESH. N. BEVINAHALLI	Mr. NIKHILKUMAR P HUBBALLI Mr. ABHISHEK C DODDAMANI Ms. RANJITA S HUDED Mr. SANGAMESH V KODADAL
15	44S_BE_0463	DESIGN AND FABRICATION OF WASTE PAPER PENCIL MAKING MACHINE	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Prof. THANUJ KUMAR M	Mr. BHARATH S Mr. REVANTH KUMAR L Mr. SANTHOSH G B Mr. SHIVAKUMAR L
16	44S_BE_0474	DESIGN AND DEVELOPMENT OF ZIRCONIA FOAM CERAMIC POROUS HEATING BURNER TO REDUCE COX AND NOX EMISSIONS	RAJARAJESWARI COLLEGE OF ENGINEERING, BENGALURU	Dr. N SREENIVASALU REDDY Dr. C RAMESH	Mr. PALLA MARUTHI KUMAR REDDY Mr. R NITESH KUMAR Mr. NARAPUREDDY KARTHIK KUMAR REDDY Mr. MANIKANTA M SHIVAYOGI
17	44S_BE_2981	MULTIPURPOSE COCONUT/ARECANUT CONTRIVANCE	REVA UNIVERSITY, BENGALURU	Prof. HANUMANTHRAYA R	Mr. HEMANTH AVINASH Mr. VISHWA V J Mr. TRISHUL G Mr. TEJAS S
18	44S_BE_4251	DEVELOPMENT OF A LOW COST ELECTRIC AUTO RICKSHAW FOR RURAL TRANSPORT APPLICATION	S.D.M. COLLEGE OF ENGINEERING AND TECHNOLOGY, DHARWAD	Dr. V S YALIWAL	Mr. VINAYAKA V UMATAR Mr. VIJAYKUMAR M BHOVI Mr. ASHWIN ARJUNRAO SALUNKE Mr. MOUNESHWAR KADADI

19	44S_BE_2422	SEMI AUTOMATIC ARECA COLLECTOR	S.D.M. INSTITUTE OF TECHNOLOGY, UJIRE	Mr. JAYARAM BHAT	Mr. SHRIMAN ANVEKAR Ms. VINAYA Mr. AJAY B K Mr. RAGHVENDRA KEDILAYA
20	44S_BE_1015	TREADLE PEDAL CHAIR TO CURTAIL LEG DISORDERS ASSOCIATED WITH PROLONGED SITTING AND TO GENERATE ENERGY BY USE OF PEDAL MECHANISM.	S.G. BALEKUNDRI INSTITUTE OF TECHNOLOGY, BELAGAAVI	Prof. SHARANBASAPPA ZAMPA	Mr. VINAYAK B DESAI Mr. PRASAD M KOLKAR Mr. NARENDRA N KHANDEKAR Mr. RISHIKESH O DANOJI
21	44S_BE_0489	DESIGN, ANALYSIS AND FABRICATION OF MECHANICAL POWERED CORN DESEEDING MACHINE	S.J.B. INSTITUTE OF TECHNOLOGY, BENGALURU	Mrs. CHAITHRA B K	Mr. KEMPARAJ N Mr. DANUSH Mr. GAURAV KUMAR P
22	44S_BE_3405	DESIGN AND FABRICATION OF ADVANCED DISINFECTION TUNNEL TO TACKLE EXTERNAL SURFACE DISINFECTION OF COVID-19 VIRUS IN PUBLIC PLACES	S.J.C. INSTITUTE OF TECHNOLOGY, CHIKKABALLAPURA	Prof. SUBBA REDDY D N	Mr. KARTHIK E Mr. NAVEEN KUMAR G N Mr. ARAVINDA T M Mr. B VISHNU
23	44S_BE_1393	PCM BASED THERMAL MANAGEMENT IN PHOTO VOLTAIC MODULE	S.J.M. INSTITUTE OF TECHNOLOGY, CHITRADURGA	Prof. GURURAJA K K	Mr. MANOJ K C Mr. KARTHIK M C Mr. MANJUNATHA H Mr. RAMU C P
24	44S_BE_1370	COMPARATIVE STUDY OF PERFORMANCE AND EMISSION CHARACTERISTICS OF COMPRESSION IGNITION ENGINE BY OPTIMIZING FUEL INJECTION PRESSURE USING SIMAROUBA GLAUCA(SIMAROUBA) AND ANNONA SQUAMOSA(CUSTARD APPLE) BIODIESEL BLENDS	S.L.N. COLLEGE OF ENGINEERING, RAICHUR	Mr. D N SANGAMESH	Ms. NAGAVENI.P Ms. PRIYANKA.S Ms. RAMYA.A
25	44S_BE_2267	THE EFFECT OF VARIOUS NANOPARTICLES IN LOW COST BIODIESEL FOR ACHIEVING OPTIMUM PERFORMANCE AND EMISSION OF CI ENGINE: A COMPARATIVE ANALYSIS	SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYAPURA	Dr. SYED ABBAS ALI Mr. ALTAF HUSSAIN BAGWAN	Mr. TUSARKUMAR T PUJARI Mr. RAJU M Mr. VISHAL SINGH Mr. SHAHID AFRIDI MALLICK
26	44S_BE_3167	BIODIESEL PRODUCTION FROM WASTE COOKING OIL USING ELECTROLYSIS PROCESS.	SRINIVAS INSTITUTE OF TECHNOLOGY, MANGALURU	Dr. SHANKAR K.S	Mr. B DILEEP SHETTY Mr. ARUN GANESHA. S Mr. DHEERAJ Mr. K NISCHITH ALVA