



NARAYANA ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, affiliated to JNTUA, Anantapuram, an ISO 9001:2015 certified institution)
Dhurjati Nagar, GUDUR, Andhra Pradesh-524101



DEPARTMENT OF MECHANICAL ENGINEERING

R&D

Name of the Author	Title of Paper	Name of the Journal	ISSN Number
B V Krishnaiah	Modeling and Simulation of Direct Injection Diesel Engine to Analyze Combustion and Emission using KIVA 3V Code	IJAER	0973-4562
B V Krishnaiah	Performance and Emission Analysis of Porous media Combustion Chamber in Diesel Engines for different Fuel Blends	IJMET	0976-6359
Dr. CH.V.S.Pameswararao	Optimization of process parameters for machining of High Carbon High Chromium (HC-HCr) Steel with EDM	IJIRSET	2319-8753
Dr. CH.V.S.Pameswararao	Experimental investigations on wire vibration, spark gap, MRR and surface roughness in WEDM of HC-HCR Steel	IJMET	0976-6359
Dr. CH.V.S.Pameswararao	Studies on characterization of AL6061/ MoS2 Metal Matrix Composite	IJMET	0976-6359
Dr. V. Srinivas Viswanath	Evaluation Dual Fuel Engine Fuelled With Hydrogen and Biogas as Secondary Fuel	IJRTE	1902-1905
Dr. V. Srinivas Viswanath	Evaluation of Common Rail Direct Injection Engine Performance, and Emission Characteristics by using Cotton seed oil	IJEAT	872-875



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Dr. CH.V.S.Parameswararao	Experimental Investigation of surface roughness and temperature on surface grinding of HC-HCr steel using dry and MQL technique	GJRE	2249-4596
E Pradeep Kumar	Finite Element Analysis and Fatigue Analysis of Spurgear under Random Loading	IJSETR	2319-8885
B V Krishnaiah	Experimental Study on Performance and Emission of Diesel Engine using Sunflower Oil-Diesel Blends as Fuel	IJETSR	2394-3386
Dr. CH.V.S.Parameswararao	Experimental Investigation on Optimization of the Controlling Factors for Machining Al 6061/MoS ₂ Metal Matrix Composites with Wire EDM	IJAER	0973-4562
Dr. CH.V.S.Parameswararao	Evaluation of Mechanical and Machining Properties of AL - SICP Metal Matrix Composite	IJETA	2393-9516
Mallikarjuna Makana	Trends in Mitral Valve Implantation – A Bio Mechanical Application.	IJARSE	2319-8354
Mallikarjuna Makana	Modeling and Analysis of Mitral Valve Implantation using Finite Element Analysis	IJARSE	2319-8354
Dr. CH.V.S.Parameswararao	Prediction and control of cutting parameters for machining Al-SiC MMC Material by Wire cut EDM Process	IJCST	2347-8578
V Suil kumar	Solar Still (Pyramid Type)	IJETA	2393-9516
V Sunil Kumar	Fabrication of Solar Powered Sugarcane Harvesting Machine	IJETA	2393-9516
AVL Mrudula	Heat Sink for Cell Phones	IJETA	2393-9516
E Pradeep Kumar	Design & Development of Plastic Recycling Machine	IJETA	2393-9516
AVL Mrudula	Helical Axis Wind Turbine	IJETA	2393-9516
E Pradeep Kumar	Mechanical Footstep Power	IJETA	2393-9516



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Y Murali Mohan	Fabrication of Rough Terrain Vehicle Using Rocker Bogie Mechanism	IJETA	2393-9516
Ch Vemaiah	Sprocket Side Stand Retrieval System	IJETA	2393-9516
K Manoj Kumar Reddy	Modeling and Manufacturing Of Path Following Robot with Spray Painting	IJETA	2393-9516
Ch Vemaiah	Design of a Thermo-acoustic Refrigeration System	IJETA	2393-9516
B Santhi	Home Made Air Conditioning	IJETA	2393-9516
B Santhi	Solenoid Engine	IJETA	2393-9516
B V Krishnaiah	Design & Fabrication of 360° Flexible Drilling Machine	IJETA	2393-9516