



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

L.B.Reddy Nagar, Mylavaram – 521 230, Krishna Dt., Andhra Pradesh, INDIA

Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi

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Department of Mechanical Engineering

M.Tech Student Publications for the A.Y. 2020-21

S.No	Author name	Co-authors	Title of the paper	Name of the Journal	ISSN	DOI	Web of Science
1	V. Dhana Raju	Katuri Bala Prasad, Oliva Meduri, Vallapudi Dhana Raju, Aruna Kumari Azmeera, Harish Venu, Lingesan Subramani and Manzoore Elahi M.Soudagar	Effect of split fuel injection strategies on the diverse characteristics of CRDI diesel engine operated with tamarind biodiesel	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	1556-7036	https://doi.org/10.1080/15567036.2020.1856973	SCI
2	V. Dhana Raju	K.Bala Prasad, V.Dhana Raju, Areef Ahamad Shaik, Radha Krishna Gopidesi, M.Bala Satya Sreekara Reddy, Manzoore Elahi M Soudagar, and Muhammad Abbas Mujtaba	Impact of Injection timings and exhaust gas recirculation rates on the characteristics of diesel engine operated with neat tamarind biodiesel	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	1556-7230	https://doi.org/10.1080/15567036.2021.1924314	SCI
3	A.Naresh Kumar	A. Naresh Kumar, B. Ashok, K. Nanthagopal, H. C. Ong, M. J. Geca, John Victor, R. Vignesh, A. K. Jeevanantham, C. Kannan, P. S. Kishore	Experimental analysis of higher alcohol-based ternary biodiesel blends in CI engine parameters through multivariate and desirability approaches	Biomass Conversion and Biorefinery	2190-6823	https://link.springer.com/article/10.1007/s13399-020-01134-w	SCI

4	Seelam Rami Reddy	Areef Ahamad Shaik, Seelam Rami Reddy, Vallapudi Dhana Raju, Murali Govindarajan	Combined influence of compression ratio and EGR on diverse characteristics of a research diesel engine fueled with waste mango seed biodiesel blend	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	1556-7036	https://doi.org/10.1080/15567036.2020.1811809	SCI
5	Seelam Rami Reddy	S. Rami Reddy, G. Murali, Areef Ahamad Shaik, V. Dhana Raju, M.B.S. Sreekara Reddy	Experimental evaluation of diesel engine powered with waste mango seed biodiesel at different injection timings and EGR rates	Fuel	0016-2361	https://www.sciencedirect.com/science/article/abs/pii/S0016236120320433	SCI
Other Journals							
1	P.Vijay Kumar	Syed.Unees Babu, Perumalla Vijay Kumar, K. Lakshmi Prasad	Experimental and Cfd Analysis of Heat Transfer Rate in Multi Air Jet Impingement Over A Flat Plate and Pin-Fin Heat Sink	International Journal of Innovative Technology and Exploring Engineering	2278-3075	Vol.9, Issue 12	Other
2	P.Ravindra Kumar	Tanneeru Sai Ganesh, P. Ravindra Kumar, K. V.Viswanadh	Computational Performance Analysis of an Indirect Evaporative Cooler (IDEC) Unit	Test Engineering and Management	0193-4120	Vol.83, Issue 12	Other
3	K.Dilip Kumar	K.Dilip Kumar, Ch. Chandra Sekhar Reddy, T.Srinivasa Rao, B.PrasannaNagasa i	Experimental investigation on performance of vapour compression refrigeration system with integrated sub-cooling	Test Engineering and Management	0193-4120	Vol.83, Issue 12	Other
4	K.Lakshmi Prasad	P.ParabrahmaSai, K.Lakshmi Prasad, P.Ravindra Kumar, K. Srinivasa Rao	Experimental Study of Heat Transfer Rate in Single and Series Cross Flow Heat Exchanger using Matlab Coding	International Journal of Engineering and Advanced Technology	2249-8958	Vol.10, Issue 1, pp:273-280	Other

Total Journals

Type of Journal	SCI	Scopus	Other	Total
No. of journal papers	05	--	04	09