LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

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DEPARTMENT OF **MECHANICAL** ENGINEERING

M.Tech Student Publications for the A.Y. 2017-18					
S.No	**Title of the paper**	**Name of the author/s**	**Name of journal**	**Year of publication**	**ISBN/ISSN number**
1	Simulation and performance analysis of solar parabolic trough collector	**M.Kusuma Kumari,** P.Ravindra Kumar	International Journal of thermal energy and applications	July 2017	----------
2	Characteristic comparison of the start-up performance of various working fluids in a heat pipe at different lengths and different angles	**S.Ashok**, K.Lakshmi Prasad	International Journal of science and advance research in technology	July 2017	2395-1052
3	Experimental Investigation the copper oscillating Heat-pipe using Nano-fluid	**J.N.V.M. Vamsi krishna**, K.Lakshmi Prasad, A.V.V.R Prasad Y	International Journal of science and advance research in technology	July 2017	2395-1052
4	Experimental studies on diesel engine fuelled with Cashew nut shell oil as an Alternative fuel	**G.V.V.N.Sivanjaneyulu,** V.Dhanaraju	International journal of engineering sciences and Research technology	July 2017	2277-9655
5	Performance analysis of vortex tube refrigerator	**Sk.Nayeem**, Dr.K.Dilip kumar	International journal for research in science Engineering and technology	July 2017	2394-739X

6	Performance and Emission Characteristics of CI engine fuelled with Mango seed and Jatropha Biodiesels	**Tumma Lakshman kumar**, Dr.P.Ravindra kumar	International journal for science and advanced research in technology	July 2017	2395-1052 (online)
7	CFD analysis of Mixed Ejector	**D.Kameswara Rao,** Dr.P.Vijay kumar	International journal for science and advanced research in technology	July 2017	2395-1052 (online)
8	Heat transfer analysis by simulation on corrugated plate Heat exchanger	B.Sreechaitanya, **Dr.P.Vijaykumar**	International journal for research in science engineering and technology	July 2017	2394-739X
9	CFD analysis of a closed loop pulsating Heat pipe using water and Methanol	**B.Prakash**, Dr.P.Vijay Kumar	International journal of current research in Engineering and Technology	July 2017	---------
10	Experimental investigation on diesel engine using Linseed oil and Sunflower+coconut oil methyl esters	**B.Rajsekhar**, Dr.K.Appa Rao	International journal for research in science engineering and technology	July 2017	2394-739X
11	Performance analysis of VCR system by applying Magnetic field to liquid line using R134a Refrigerant	**G.V.V.S.V.Vara Prasad**, Dr.K.Dilip kumar	International journal for science and advanced research in technology	August 2017	2395-1052

12	Performance of Air power engine powered with compressed Air and engine exhaust Gas	**A.S.Venkateswara Rao,** Dr.P.Ravindra Kumar, Dr.P.Vijay Kumar	International journal of Innovative research in technology	August 2017	2349-6002
13	Performance of Air Power Engine Fuelled with Oxygen Gas, Compressed Air and Engine Exhaust Gas	**S.Venkateswara Rao**, Dr.P. Ravindra Kumar	International Journal of Thermal Energy and Applications	November 2017	--------
14	Performance enhancement of R-134a refrigeration cycle by using solar Peltier Subcooler	**M.Ravikiran**, Dr.K.Dilip kumar	International journal Thermal Energy and applications	November 2017	--------
15	Performance enhancement of vapour compression refrigeration system by using solar thermoelectric Sub-cooler	**M.Ravikiran**, Dr.K.Dilip kumar	Journal of Refrigeration, Air conditioning, Heating and ventilation	November 2017	2394-1052
16	CFD analysis and experimental investigation on Ranque-Hilsch counter flow vortex tube for optimizing tube length by using compressed air	**Sk.Nayeem**, Dr.K.Dilip kumar	International journal of mechanical dynamics and analysis	November 2017	--------
17	Experimental studies on Four stroke diesel engine fuelled with Tamarind seed oil as potential alternative fuel for sustainable green Environment	V.Dhanaraju, Dr.P.S.Kishore, **K.Yamini**	European Journal of Sustainable Development	January 2018	2542-4742

18	Experimental studies on natural aspirated diesel engineFuelled with corn seed oil methyl ester as a bio-diesel.	E.Rama Krishna Reddy ,**V.Dhana Raju**	IOP Conf. Series: Materials Science and Engineering	January 2018	1757-899X