



LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

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DEPARTMENT OF **MECHANICAL ENGINEERING**

M.Tech Student Publications for the A.Y: 2019-20

S.No	Title of the paper	Name of the author/s	Name of journal	Year of publication	ISBN/ISSN number
1	Experimental research on fixed tube type shell and tube heat exchanger	Guna Sahithi Madala , Dilip Kumar K Jaya Prakash Chilaka, Lakshmi Prasad Kadari	Journal of emerging technologies and Innovative Research	July 2019	2349-5162 UGC
2	Enhancement of COP of vapour compression refrigeration system by using Diffusers	G.Naga Raju , K.Dilip Kumar, T.Srinivasa Rao	International journal of Recent technology and Engineering	July 2019	2277-3878 Scopus
3	Experimental studies on the influence of antioxidant additive with waste tamarind biodiesel on the diverse characteristics of diesel engine	V.Dhana Raju, K.Saibabu , K.Appa Rao, S.Rami Reddy, P.Tharun Sai	International Journal of Ambient Energy (Taylor & Francis)	July 2019	2162-8246 SCI
4	Experimental study on the performance and emission characteristics of corn seed oil methyl ester along with Decanol as an Additive in Diesel engine	K.Madhubabu , B.Prasanth Kumar , A.Naresh Kumar, K.Somasekhar	International Journal of Advanced Research in Science, Engineering and Technology	Aug 2019	2350-0328 UGC
5	Fabrication and experimental analysis of Absorber based LiBr-Water absorption refrigeration system	Ch.Jaya Prakash , K.Dilip Kumar, T.Srinivasa Rao	International Journal of Engineering and Advanced Technology	Aug 2019	2249-8958 Scopus



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6	Energy, Exergy and Energy Audit Analysis of Vijayawada Thermal Power Station	B.Sairamkrishna , P.Vijay Kumar, Y.Appala Naidu	International Journal of Engineering and Advanced Technology	Aug 2019	2249-8958 Scopus
7	Experimental Evaluation of Palmyra oil blends in VCR diesel engine by using EGR systems	Pilli Uday Kumar , P.Vijay Kumar, A.Naresh Kumar	International Journal of Innovative technology and exploring Engineering	Sep 2019	2278-3075 Scopus
8	Experimentation on Augmenting Heat Transfer Characteristics of (Ethylene Glycol + Water) Mixture in a combined (pipe in pipe and Shell & Tube) Heat Exchanger	M.P.V.L. Prasanna , P.Ravindra Kumar, B.Emmanuel, K. Lakshmi Prasad	International Journal of Recent Technology and Engineering	Sep 2019	2277-3378 Scopus
9	Mat Lab Coding and Experimental Analysis of Heat Transfer Rate in Multi Air Jet Impingement	K.Srinivasa Rao , K.Lakshmi Prasad, P.Tharun Sai, M.Pullu Rao	International Journal of Recent Technology and Engineering	Sep 2019	2277-3378 Scopus
10	Fabrication and Experimental Analysis Characteristics of Acetone/Water by using Tube in Tube and Shell and Tube Heat Exchanger	B.Emmanuel , P.Ravindra Kumar, M.P.V.L. Prasanna	International Journal of Innovative technology and exploring Engineering	Oct 2019	2278-3075 Scopus
11	Experimental investigation on the performance and emission characteristics of a diesel engine powered with waste mango seed biodiesel blends	B.Prasanth Kumar , K.Appa Rao, V.Dhanaraju, S.Rami Reddy, D.Mallikarjuna Rao, J.Subba Reddy	International Journal of Ambient Energy (Taylor & Francis)	Dec 2019	2162-8246 SCI



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12	Enhancement of Efficacy and heat transfer characteristics of TIO ₂ Nano fluids under turbulent flow conditions in parabolic trough collector	K.Dilip Kumar, T.Srinivasa Rao, M.Srinivas, K.Ashok Reddy	International journal of Mechanical Engineering and Technology	March 2020	0976-6359 Scopus
13	Optimization of Diesel Engine performance by Taguchi Grey Relational analysis using fuel blends	A.Naresh Kumar, K.Madhu Babu, B.Prasanth Kumar, S.Kiran Kumar , P.S.Kishore	International Journal of Recent Technology and Engineering	April 2020	2277-3878 Scopus

Total Journals

Type of Journal	SCI	Scopus	Other	Total
No. of journal papers	02	09	02	13