



LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

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DEPARTMENT OF MECHANICAL ENGINEERING

M.Tech Student Publications for the A.Y 2018-19

S.No	Title of the paper	Name of the author/s	Name of journal	Year of publication	ISBN/ISSN number
1	Experimental performance analysis of solar heat pipes	N. Naresh babu , P.Ravindra Kumar, K.Lakshmi Prasad, N.Sudheer	International journal of Management, Engineering and Technology	July 2018	2249-7455 (UGC)
2	Performance study of Spiral Heat exchanger	Motupalli Anil , K.Lakshmi Prasad, A.Naresh Kumar	International journal for research in Engineering application and Management	July 2018	2454-9150 (UGC)
3	Experimental analysis of jet impingement on aluminium heat sink	Esub Basha , K.Lakshmi Prasad, G.kartheek, K.V.Viswanath	International journal of mechanical engineering and technology	July 2018	1129-1140 (Scopus)
4	Numerical investigations of optimal distribution of discrete heat sources under natural convection	Maganti Sairam , Mr.R.Veeranjaneyulu and Dr. Pullarao Muvvala	International Journal of Mechanical Engineering and Technology	July 2018	0976-6340 (Scopus)
5	Numerical investigations of the effect of impingement plate parameters on jet impingement heat transfer from a flat plate	R.Veeranjaneyulu , Maganti Sairam , Dr.Pullarao Muvvala	International Journal of Management, Technology and Engineering	July 2018	2249-7455 (UGC)
6	Influence of injection timing on the performance, combustion and emission characteristics of diesel engine powered with tamarind seed biodiesel blend	M. Harun Kumar , V. Dhana Raju, P. S. Kishore & Harish Venu	International Journal of Ambient Energy	August 2018	0143-0750 (Esci)



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7	Comparative Performance Analysis of Domestic Refrigerator using R12, R134a and R600a Refrigerants	S.Umamaheswara Reddy, V.Dhana Raju, P.Tharun Sai	International journal of research and analytical reviews	July 2018	<i>e ISSN</i> 2348 –1269, <i>Print ISSN</i> 2349-5138 (UGC)
8	Performance analysis of vapour compression refrigeration system by inserting twisted strip in condenser along with liquid suction heat exchanger	A.Pratyush, Dr.K.Dilip kumar, Dr.K.Apparao	International journal for research in Engineering application and Management	July 2018	2454-9150 (UGC)
9	Experimental analysis of vapour compression Refrigeration system with R134a and R404a mixed in different proportions	M.Venkata Krishna Reddy, Dr.P.Vijay Kumar	International Journal of Mangement, technology and Engineering	July 2018	2249-7455 (UGC)
10	Development of phase change material/cooling plate coupled battery thermal management system using CFD	D.Omkar, Dr.P.Vijay kumar	International journal for research in Engineering application and Management	July 2018	2454-9150 (UGC)
11	An Experimental study on Active solar still connected with Evacuated tubes and Reflector	K.Anji Reddy, Dr.K. Dilip kumar	International Journal of scientific research and review	July 2018	2279-543X (UGC)
12	Procuring Magnetic field to liquid channel of Nano lubricant (CuO&PAG oil) rigged VCR system by using R134a Refrigerant	Gudlavalleti V V S Vara Prasad, K.Dilip Kumar	Materials Today proceedings	August 2018	2214-7853 (Scopus)



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13	Combined impact of EGR and Injection pressure in performance improvement and NOx control of a DI diesel engine powered with tamarind seed biodiesel blend	Dhanaraju Vallapudi, Harun kumar Makineni , Srinivas Kishore Pisipaty, Harish Venu	Environmental science and Pollution Research	October 2018	0944-1344 (SCI)
14	Experimental Studies on the Thermal performance of a closed loop pulsating heat pipe using water-ethanol binary working fluids	P.Venkataramana , P.Vijay Kumar, B.Balakrishna	International Journal of Recent Technology and Engineering	March 2019	2277-3878 (UGC)
15	Experimental investigation on heat transfer enhancement by using Al ₂ O ₃ nano-fluid in a tube in tube heat exchanger	Mallikarjuna Rao Dandu, S.Rami Reddy, K.Somasekhar, N.Sreenivasa Rao	Journal of Emerging technologies and Innovative Research	May-2019	2349-5162 (UGC)

Total Journals

Type of Journal	SCI	Scopus	Other	Total
No. of journal papers	02	03	10	15