

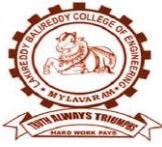


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| Journal Publications for the A.Y. 2016-17 | | | | | |
|--|---|---|--|----------------------------|-------------------------|
| S.No | Title of the paper | Name of the author/s | Name of journal | Year of publication | ISBN/ISSN number |
| 1 | Effect of Exhaust Gas Recirculation and Isobutanol Additive on Biodiesel Fuelled Diesel Engine for the Reduction of NO _x Emissions | S.Kiran Kumar, Dr.K.Appa Rao, R.Nagendra Babu | International Journal of advanced science and Technology | July 2016 | 2005-4238 (Scopus) |
| 2 | Influence of Strontium Concentration on Dry Sliding wear Behaviour of Eutectic Al-Si cast alloys with varying speed | Dr.P.V.Chandra Sekhar Rao, A.Satya Devi, K.G.Basava Kumar | Indian Foundry Journal | October 2016 | 0379-5446 (UGC) |
| 3 | Performance analysis of twin cylinder water cooled diesel engine by using distilled tyre pyrolysis oil | A.Naresh Kumar, Dr.K. Brahma Raju, Dr.P.Srinivas Kishore | International journal for science and advance research in technology | June 2017 | 2395-1052 |
| 4 | Study of Hardness an optimization of Wear Properties of AL 7075 Hybrid Composite | S.Pichi Reddy, P. Sandeep Kumar, G.Kartheek | International Journal of Engineering Research & Technology | June 2017 | 2278-0181 |

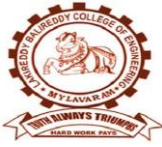


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| 5 | Numerical Investigation of Heat Transfer Characteristics in a Pin Fin Dimple Channel with various Inclinations | A.V.V.R.Prasad.Y, K.Lakshmi Prasad, S.Rami Reddy | International journal for science and advance research in technology | June 2017 | 2395-1052 |
| 6 | A review on tribological properties of lubricating oil with nanoparticles additives | K.N.D.Malleswara Rao, V.Sankara Rao, K.Somasekhar | International Journal of advance engineering and research development | June 2017 | e-ISSN (o)-2348-4470 |
| 7 | Evaluation of Flexural properties of Bamboo Fiber Reinforced Hybrid composites | T.Venkateswara Rao, K.V.Viswanadh, K.Narayana, M. Somaiah Chowdary | International Journal of advance engineering and research development | June 2017 | e-ISSN (o)-2348-4470 |
| 8 | Mathematical modeling and Markov chain analysis of corrosion propagation in pipelines to predict the failure | Ch.Siva Sankara Babu , V.Venkatesu | SSRG International journal of Mechanical Engineering | May 2017 | 2348-8360 |
| 9 | Effect of Copper Nano Particles on Banana Fiber Reinforced Polyester Composites | Dr.S.Pichi Reddy & Dr.K.Dilip Kumar | Academic Journal of Manufacturing Engineering | March 2017 | 1583-7904 |
| 10 | An Experimental Investigation on Application of Al ₂ O ₃ Nanoparticles as Lubricant Additive in VCRS | Dr. K.Dilip Kumar, T.Ayyappa | International Journal of Engineering Research and Application | October 2016 | 2248-9622 |
| 11 | Investigation on Performance Parameters of Vapour Compression Refrigeration System by Incorporating Phase Change Materials | Dr. K.Dilip Kumar, T.Ayyappa, Dr.P.Vijay Kumar | International Journal of Advanced Mechanical Engineering. Research India Publications | October 2016 | 2250-3234 |



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|----|---|---|--|----------------|-----------|
| 12 | Comparison of Fluid Flow and Thermal Characteristics of Plate-Fin and Square Pin-Fin Heat Sink Subjected to Parallel Flow | Dr. K.Dilip Kumar, Ch.Mihira, Dr.K.Appa Rao | International journal of innovative research in technology | October 2016 | 2349-6002 |
| 13 | Experimental Investigation on Cylindrical Parabolic trough Collector with Water-Ethylene Glycol at Various Proportions | Dr. K.Dilip Kumar, K.Anukumar Naik, Dr.P.Vijay Kumar, V.Nageswar Rao | International Journal of Thermal Technologies | September 2016 | 2277-4114 |
| 14 | Engine Performance and Emission Characteristics of a Direct Injection Diesel Engine Fuelled with 1- Hexanol as a Fuel Additive in Mahua Seed Oil Biodiesel Blends | Mr.V.Dhana Raju, K.Kiran Kumar, Dr.P.S.Kishore | International Journal of Thermal & Environmental Engineering | September 2016 | 1923-7316 |
| 15 | Energy Analysis Of Heat Pump System For Both Heating And Cooling | Dr.P.Ravindra Kumar, T.Arun Mani | International Journal Of Innovative Research In Technology | September 2016 | 2349-6002 |
| 16 | Synthesis and Thermal Analysis of Bioactive Glasses- In Vitro Characterization | Dr.P.Vijay Kumar, Shaik Pharuk | International Journal Of Innovative Research In Technology | August 2016 | 2349-6002 |
| 17 | Energy and Exergy Analysis of Thermal Power Plant | Mr.V.Dhana Raju, V.Satish | International Journal of Engineering Science | August 2016 | 2321-3361 |
| 18 | Experimental Investigation on Diesel Engine Using black sesame seed oil | Dr.K.Appa Rao, K.Naga Raju | International journal of Innovative Research in Technology | August 2016 | 2349-6002 |
| 19 | Optimization of Irreversibilities in water lithium bromide absorption refrigeration system | Dr.K.Appa Rao, P.Tharun Sai | International journal of Innovative Research in Technology | August-2016 | 2349-6002 |



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| 20 | Effect of Sunflower Biodiesel Blended Fuels with Ignition Improver of Engine Performance and Emission Characteristics of a Diesel Engine | V.Dhana Raju, N.Sucharitha, K.Srinivas | International Journal of Engineering Science and Computing | August 2016 | 2250-1371 |
| 21 | Development of GEO-POLYMER Fly Ash Brick Embedded with phase change material laid roof for cooling of Buildings | Dr.P.Vijay Kumar, M. Ravi Sankara Vara Prasad | RAI Journal of Technology Research & Innovation | July 2016 | 2321-3213 |