

Dr. R. Shanthi
Professor
Mechanical Department,
Rajalakshmi Engineering College
Thandalam, Chennai - 602 105.



List of Publications:

1. SR M. Siva Sankar, Rowin Albert, R. Shiva Shankar, "Experimental Studies on Building Cooling by Incorporating Phase Change Material on Roof of the Building", International Journal of Advanced Science and Technology, 2020, 29 (No. 3), 13246 ...
2. R.Shanthi R.Karan Kumar, M.Karthick, "Radiant Cooling Using Phase Change Material", International Journal Of Innovative Research Explorer, 2018, 5 (5), 13-17
3. Rameshbabu.S and Shanthi.R Thirumalai Kannan K, "Performance Study on Bio Lubricant as Engine Lubricant", International Conference on Green Manufacturing: Analytics, Automation, Processes, products, Energy, & Structures (GM: AAPES 2018)
4. Rameshbabu.S and Shanthi.R Thirumalai Kannan K, "Investigations On The Selection Of Suitable Nano Particulate Lubricant
5. ", International Conference on Green Manufacturing: Analytics, Automation, Processes, products, Energy, & Structures (GM: AAPES 2018)
6. G.Ramya and P.Chithambara Nathan R.Shanthi, C.T.Muthiah, S.Dhandapani, "Mechanical properties analysis of Coconut shell powder reinforced polyester composite material", International Conference on Green Manufacturing: Analytics, Automation, Processes, products, Energy, & Structures (GM: AAPES 2018)
7. R.Shanthi, Vishal Jagannathan C D, Suraj S Shyam, Subisen R, "Performance and Emission Evaluation of a Diesel Engine fueled with 20% Neem Methyl Ester and Nano Fuel Additives", International Journal of Advanced Research Trends in Engineering and Technology, 2017
8. R. Aranganathanand, R Shanthi, "Design and Flow Analysis of Enhanced Kaplan Turbine Using CFD", National Conference on Recent Advances in Mechanical Sciences, 2017
9. R.Shanthi, K.Thirumalai Kannan Metrological and Tribological characteristics of carbon based Nanotube", TAMMIE 2016
10. R Shanthi, V Ramalingam, "Performance of two phase gravity assisted thermosyphon using nanofluids", Frontiers in Heat Pipes (FHP) 5 (1)
11. R Shanthi, "Augmentation of heat transfer in solar water heating system", National conference on Emerging trends in design, thermal and manufacturing, 2013

12. R Shanthi, Sundaram Shanmuga Anandan, V Ramalingam, "Heat transfer enhancement using nanofluids: an overview", Thermal Science, 2012, 16 (2), 423-444
13. R Shanthi, "Performance characteristics of a thermosyphon filled with nano fluid", National conference on recent advancements in mechanical engineering RAME – 2011
14. R Shanthi, "Thermal conductivity measurement set up for nano-fluids", National conference on recent advancements in mechanical engineering RAME – 2011
15. R Shanthi, "Pool boiling of nano-fluids", National conference on recent advancements in mechanical engineering RAME – 2011..