Journal Publications

1. N. Bhuvanesh, g. Kumaresan, c. Subramaniyan "PERFORMANCE AND EMISSION CHARACTERISTICS ANALYSIS OF DI-DIESEL ENGINE FUELLED WITH CALOPHYLLUM INOPHYLLUM METHYL ESTER DIESEL BLEND" **International Journal of Mechanical and Production Engineering Research and Development** (IJMPERD) 9 Special Issue 1 171 - 176 JAN 2019
2. ArunKurien Reji, G.Kumaresan, "AN INVESTIGATION ON SIMULATION AND VALIDATION OF SUPERSONIC FLOW THROUGH A CONVERGENT AND DIVERGENT NOZZLE" **International Journal of Pure and Applied Mathematic** (Scopus Indexed) 119 2 - MAY 2018
3. Arun Kurien Reji, G. Kumaresan "AN INVESTIGATION ON SIMULATION AND VALIDATION OF SUPERSONIC FLOW THROUGH A CONVERGENT AND DIVERGENT NOZZLE" **International Journal of Pure and Applied Mathematics** 119 2 2135 - 2142 MAY 2018
4. C. Subramaniyan, a. Amarkarthik, n. Bhuvanesh, g.kumaresan "ANALYZING THE EFFECT OF TRACKING DEVIATION AND IMPACT OF SECONDARY REFLECTOR ON THE PERFORMANCE OF SOLAR PARABOLIC TROUGH COLLECTOR" **International Journal of Mechanical and Production Engineering Research and Development** 8 Special Issue 7 729 - 737 OCT 2018
5. C. Subramaniyan, a. Amarkarthik, n. Bhuvanesh, g. Kumaresan "ANALYZING THE EFFECT OF TRACKING DEVIATION AND IMPACT OF SECONDARY REFLECTOR ON THE PERFORMANCE OF SOLAR PARABOLIC TROUGH COLLECTOR" **International Journal of Mechanical and Production Engineering Research and Development** (IJMPERD) 8 7 1 - 9 OCT 2018
6. M. Vijayakumar, P. Navaneethakrishnan, G. Kumaresan "HEAT TRANSFER CHARACTERISTICS STUDIES ON INCLINED COPPER SINTERED WICK HEAT PIPE USING SURFACTANT FREE CUO AND AL2O3 NANOFLUIDS" **Journal of the Taiwan Institute of Chemical Engineers** 81 190 - 198 DEC 2017
7. M. Vijayakumar, P. Navaneethakrishnan, G. Kumaresan "THERMAL CHARACTERISTICS STUDIES ON SINTERED WICK HEAT PIPE USING CUO AND AL2O3 NANOFLUIDS" **Experimental Thermal and Fluid Science** 79 25 - 35 MAY 2016
8. R. Kamatchi, G. Kumaresan "EXPERIMENTAL STUDIES ON TRANSIENT CHARACTERISTICS AND BONDING STRENGTH DURING POOL BOILING CHF OF AQUA BASED REDUCED GRAPHENE OXIDE NANOFLUIDS" **Chinese Journal of Chemical Engineering** 22 3 445 - 454 DEC 2016

9. Siva Siddharth I S, Sathish Kumar B S, Kumaresan G “EXPERIMENTAL AND FABRICATION OF SOLAR PANEL TRACKING USING REAL TIME CLOCK” **International Journal of Advance Research, Ideas and Innovations in Technology** 2 3 49 - 57 MAR 2016
10. Chandramouli, Chitrarasu S, Kumaresan G “EXPERIMENTAL AND FABRICATION OF SOLAR PANEL TRACKING USING REAL TIME CLOCK” **International Journal of Advance Research, Ideas and Innovations in Technology** 5 1 401 - 407 MAR 2016
11. R. Siva Subramanian, G.Kumaresan “EXPERIMENTAL INVESTIGATION ON FOUR SLOPE SOLAR STILL” **International Journal of Pure and Applied Mathematics** 119 2 2177 - 2183 MAY 2016
12. G. Kumaresan, S. Venkatachalapathy “PERFORMANCE ANALYSIS OF CYLINDRICAL HEAT PIPE USING NANOFLUIDS” - **An Experimental Study International Journal of Multiphase Flow** 72 3 188 - 197 APR 2015
13. G. Kumaresan, S. Venkatachalapathy, L.G. Asirvatham “EXPERIMENTAL INVESTIGATION ON ENHANCEMENT IN THERMAL CHARACTERISTICS OF SINTERED WICK HEAT PIPE USING CUO NANOFLUIDS” **International Journal of Heat Mass Transfer** 72 72 507 - 516 JAN 2014
14. G. Kumaresan, S. Venkatachalapathy, L.G. Asirvatham A “COMPARATIVE STUDY ON THE HEAT TRANSFER PERFORMANCE CHARACTERISTICS OF SINTERED AND MESH WICK HEAT PIPES USING CUO NANOFLUIDS” **International Communications in Heat and Mass Transfer** 57 208 - 215 OCT 2014
15. G. Kumaresan, S. Venkatachalapathy, Indraneel C. Naik “AN EXPERIMENTAL STUDY ON IMPROVEMENT IN THERMAL EFFICIENCY OF MESH WICK HEAT PIPE” **Advanced Mechanics and Materials** 592-594 1617 - 1621 AUG 2014
16. Punith Singh, S. Venkatachalapathy, G. Kumaresan “HEAT TRANSFER STUDIES ON CONDENSATION USING HEAT PIPES” **Applied Mechanics and Materials** 592-594 1 1423 - 1427 JUN 2014
17. G. Kumaresan, S. Venkatachalapathy “A REVIEW ON HEAT TRANSFER ENHANCEMENT STUDIES OF HEAT PIPES USING NANOFLUIDS” **Frontiers in heat pipe** 4 3 1 - 8 NOV 2012