

Dr.K.Purushothaman Publications

1. Balasubramanian K, **Purushothaman K(2019)**, “Effect of acetylene addition on performance, emission and combustion characteristics of neem biodiesel and corn biodiesel-fueled CI engine”, Journal of Thermal Analysis and Calorimetry 138 (2), 1405-1414
2. Dinesh Kumar S, Chandramohan D, **Purushothaman K(2019)**,. “Optimal hydraulic and thermal constrain for plate heat exchanger using multi objective wale optimization”, Materials Today: Proceedings 21, 876-88.
3. Rama Krishnan. V., Purushothaman. K(2018),. “Parametric Study of Performance Improvement in Two-Stroke Engine using 4 mm Orifice and Cooled Exhaust Gas Recirculation”, Advanced Science, Engineering and Medicine 10 (3-4), 488-49.
4. GANARAM,R,. RAJENDRAN.S, and PURUSHOTHAMAN, K (2018) “Performance and Emission Analysis of a Four Stroke Diesel Engine Using Various Internal Threaded Intake Manifold, TAGA Journal of Graphical Technology, Volume 14.
5. Thamilarasan R, Purushothaman K(2018),. “MECHANICAL CHARACTERIZATION OF SISAL-PALM-JUTE AND KENAF-PALM-COIR HYBRID FIBER REINFORCED COMPOSITES”, Special Issue ICRAME 17, Vol. 15, Pages 95-97.
6. Dinesh Kumar S, Purushothaman K(2018) “Enhancement of thermal conductivity in a plate heat exchanger by using nanoparticles CNT, Al₂O₃, surfactant with de-ionised water as a coolant”, International Journal of Ambient Energy, 1-4
7. Senthil Kumar. S, **Purushothaman.K(2017)**, “Performance analysis of a biodiesel fuelled diesel engine with the effect of alumina coated piston”, Thermal Science 21 (1 Part B), 489-498.
8. Rama Krishnan. V., **Purushothaman. K.**, “Mitigation of Pollution by Exhaust Gas through Study of Emission from Two Wheelers”, International Journal Of Innovative Research in Science, Engineering and Technology, Vol.6, Issue 2, February 2017.
9. Rajandran. S and **Purushothaman.K** (2016) “Design and Experimental Study of Axial Flow Impeller by Increasing Air Flow Rate and Reducing Air Pollution-using CFD”, International Journal of Applied Environmental Sciences 9 (5), 2409-2418.
10. Senthil Kumar. S, Purushothaman.K, (2016) “Performance Analysis of Compression Ignition Engine using Rubber Seed Oil Methyl Ester Blend with the effect of various Injection Pressure”, International Journal of Thermal Science, vol.20, supp.4.S 1083 – S1090.
11. Senthil Kumar. S, Purushothaman.K, (2016), “Performance Analysis of a Bio Diesel Fuelled Diesel engine with the effect of Alumina (Al₂O₃) Coated Piston”, Thermal Science – Online First.
12. Senthil Kumar. S, **Purushothaman.K**, (2016), “High FFA rubber seed oil as an alternative fuel for diesel engine-An overview”, International Journal of Engineering and Science 1 (10), 16-24.
13. Senthil Kumar. S, Purushothaman.K, (2015) Performance and Emission Characteristics of a Diesel Engine using Rubber Seed oil and Its Blends”, International Journal of Chem Tech Research, vol. 8, no2, pp 669 – 675.
14. Rajandran. S and **Purushothaman.K** (2015) ‘ Design and Analysis of Drag Force and Fuel consumption in Small Vehicles using CFD’ International Journal of Applied Engineering Research Vol.10, No. 7, pp-5792 – 5796.
15. Rama Krishnan. V., **Purushothaman. K(2015)**,. Performance Evaluation of EGR in Two Stroke IC Engine”, Internal Journal of Applied Mechanics and Materials 812, 60-63.