## Dr.R.Prakash Publications

- 1. B. Jayakishan and R. Avinash R. Prakash(2019),' Effects of oxygenated additives and Al<sub>2</sub>O<sub>3</sub>-TiO<sub>2</sub> thermal\barrier piston coating on diesel engine fueled with non-edible biodiesel', Renewable Energy Sources and Technologies, VOL 2161,Pages 1-8.
- 2. Prakash. R & Karthikeyan. R Jayakishan. B(2018), 'The performance and emission characteristics of Al2o3-Tio2 coated piston DI diesel engine fueled with poultry waste biodiesel', International Journal of Mechanical and Production Engineering Research and Development, VOL 8, Pages 585-591.
- 3. R Prakash(2018),' Investigation on the Flow Structure and the Performance of an Annular Diffuser with Two Different Types of Struts', Journal of Informatics and Mathematical Sciences, VOL 10,Pages 479-488.
- 4. J. P. Shanu and P. Murugasen L. Chilambarasan, R. Prakash(2018),' Investigation on the Electrical Conductivity of Aqueous Glycol based ZnO Nanofluids', Journal of Applied Fluid Mechanics, VOL 12,Pages 865-870.
- 5. Easwar MK R. Prakash, Krishna AG, Jaghan S(2017),' Design and Optimization of Rigging & Derigging Stations for OM906, OM457 & 4D34I Engines', Journal of Chemical and Pharmaceutical Sciences, VOL 7,Pages 162-164.
- 6. C. Vasu Deva Krishnan R. Prakash, VR. Balaji, R. Tamilarasan, R. Ramsharma(2017),' Design of Electronic Semi Automatic Clutch for Manual Actuation of Clutch in a Car', Journal of Chemical and Pharmaceutical Sciences, VOL 7,Pages 153-156.
- 7. R Prakash, N Karthiek, P Ashwath, H Anand, G Adithya(2016),' Numerical Study on a Conical Diffuser with Inlet Swirl', Applied Mechanics and Materials', VOL 852,Pages 688-692.
- 8. R Prakash A.Kirthivasan, Akhilnandh Ramesh, Amitesh Jain J, D. Ebenezer(2015),' Experimental optimization of ethanol gasoline blends for a two stroke commercial gasoline engine', Journal of Chemical and Pharmaceutical Sciences, VOL 7,Pages 190-193.
- 9. Adithyan.K and Adithya.V R.Prakash(2015),' Comparative Analysis of Performance and Emission Characteristics of Diesel Engine with Biodiesel Prepared from Waste Cooking Oil and Pongamia Oil', Journal of Applied Mechanics and Materials, VOL 787,Pages 787-791.
- 10. D.Christopher and K.Kumarrathinam R.Prakash(2015),' Analysis of Surface Waste Heat Recovery in IC Engine by Using TEG', Journal of Applied Mechanics and Materials, VOL 787,Pages 782-786.
- 11. D.Christopher B.Jayakishan, R.Prakash, K.Kumarrathinam(2015),' Performance and Emission Evaluation of A Compression Ignition Engine Using Agitated Diesel Fuel', Journal of Applied Mechanics and Materials, VOL 787,Pages 692-696.
- 12. Adithya G Lakshmi Narayanan N R Prakash, Karthik Srinivas V, Anand H(2015),' Effect of swirl on the performance of an Annular Diffuser', Journal of Applied Mechanics and Materials, VOL 787,Pages 318-321.