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### **LIST OF RECENT PUBLICAIONS**

1. **K.Ramesh**, C.Suresh, V.Paramaguru."Aerodynamic performance analysis of an non-planar C-wing using CFD ", "Aerospace Science and Technology(Elsevier),ISSN1270-9638 ,Vol.40,pp.56-61(2015)
2. **Ramesh K** and Nirmalkumar S, " Investigation on the Effects of Nozzle Geometry in a DI Diesel Engine Fuelled with Methyl Ester Blends", International Journal on Applications in Mechanical and Production Engineering,ISSN (online) 2394-6237, Vol.1,No.1,pp.07-12,January 2015.
3. **Ramesh K** and Gajendran A, " Effects of Ethanol Acrylic Acid Diesel Emulsion on the Performance and Emission Characteristics of DI Diesel Engine", International Journal on Applications in Mechanical and Production Engineering,ISSN (online) 2394-6237, Vol.1,No.1,pp.16-18,January 2015.
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5. **Ramesh K** and VijayaKumar B,"KF/CaO Nanocatalyst for the Production of Biodiesel from Animal Fat Through Single-Step Process" International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.61 (2015).
6. **Ramesh K** and Vishnu Priya M,"Biodiesel Production from Oleaginous Microbes - A Review" International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.61 (2015).
7. **Ramesh K** and Muthusamy AP,"A Review on Road Traffic Accident and Related Factors"International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 11 (2015) pp. 28177-28183.
8. **Ramesh K** and Mohamed Shameer P,"Investigations on the Performance and Emission Characteristics of a DI-Diesel Engine Fuelled with Mahua Biodiesel" International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.61 (2015).
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11. Vijaya kumar B, **Ramesh K** and Sivakumar P, "Magnetized – Nano Catalyst KF/CaO-Fe<sub>3</sub>O<sub>4</sub> for Biodiesel Production from Beef Tallow" Journal of Chemical and Pharmaceutical Sciences, ISSN: 0974-2115. Volume 9 issue 1 pp 193-195 (January-March 2016).
12. **Ramesh K**, Mohamed Shameer P, Sakthivel R and Purnachandran R, "Assessment on the influence of compression ratio on the performance, emission and combustion characteristics of diesel engine fuelled with biodiesel". Anna University Annexure I listed. Asian Journal of Research in Social Sciences and Humanities.

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13. Mohamed Shameer P, **Ramesh K**, Sakthivel R and Purnachandran R, "Studies on correlation between NO<sub>x</sub> and Incylinder temperature in a D.I diesel engine using FLUKE Thermal Imager for different alternate fuel blends". Anna University Annexure I listed. Asian Journal of Research in Social Sciences and Humanities Vol. 6, No. 12, December 2016, pp. 373-389. ISSN: 2249-7315 (Online). DOI NUMBER: 10.5958/2249-7315.2016.01298.3
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15. Mohamed Shameer P, **Ramesh K**, Sakthivel R and Purnachandran R, "Experimental Evaluation on Oxidation Stability of Biodiesel/Diesel Blends with Alcohol Addition by Rancimat Instrument and FTIR Spectroscopy" Springer Publications. Journal of Mechanical Science and Technology, ISSN: 1738-494X (Print) 1976-3824(Online). Vol. 31, No. 1. Pp 455-463. DOI: 10.1007/s12206-016-1248-5.
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17. Shameer PM, **Ramesh K**, "Experimental evaluation on performance, combustion behavior and influence of incylinder temperature on NO<sub>x</sub> emission in a D.I diesel engine using thermal imager for various alternate fuel blends". Anna University Annexure I listed. Pergamon-Elsevier Science LTD. Energy, ISSN: 0360-5442. Energy 118 (2017) 1334-1344, [http:// dx.doi.org/10.1016/j.energy.2016.11.017](http://dx.doi.org/10.1016/j.energy.2016.11.017).
18. Mohamed Shameer P, **Ramesh K**, Sakthivel R and Purnachandran R. "Effects of fuel injection parameters on emission characteristics of diesel engines operating on various biodiesel: A review". Anna University Annexure I listed. Elsevier Science Ltd. Renewable and Sustainable Energy Reviews 67 (2017) 1267–1281. ISSN: 1364-0321. DOI: <http://dx.doi.org/10.1016/j.rser.2016.09.117>
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23. Mohamed Shameer P, **Ramesh K**, "FTIR evaluation on the fuel stability of calophyllum inophyllum biodiesel: Influence of tert-butyl hydroquinone (TBHQ) antioxidant" Springer Publications. Journal of Mechanical Science and Technology, ISSN: 1738-494X (Print) 1976-3824(Online). Vol. 31, No. 7. (2017) 3611 ~3617, DOI: 10.1007/s12206-017-0648-5.
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