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### **List of Publication**

1. Mohamed Shabiulla and **S.Sivaprakasam** “ANFIS Modeling For a Water-Methanol System in a Spiral Plate Heat Exchanger “ IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) Volume 11, Issue 1 Ver. III 2014. 01-12.
2. R.Senthilkumar,V.Manieniyar and **S.Sivaprakasam** , ""Engine Performance and Emissions of DI Diesel Engine Operating on Biodiesel (Tessi Oil) With Exhaust Gas Recirculation (EGR)".", International Journal of Advance Engineering and Research Development, Volume 1, Number 10, 2014, pp. 46-51. 2014.
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4. A.Mohamed shabiulla and **S.Sivaprakasam**, "Opimisation of process parameters for water-sea water (3%) system in a spiral plate heat exchanger (SHE) using response surface methodology (RSM)", International journal of Development research, Volume 4, Number 5, May 2014, pp. 1020-1026. 2014.
5. S.Sudhakar and **S.Sivaprakasam**, "Effects of Diethyl Ether Fumigation in DI Diesel Engine Using Bio Ethanol Blended Diesel", International Journal of Innovation and Scientific Research, Volume 11, Number 1, Oct 2014, pp. 65-71. 2014.
6. S.Sudhakar and **S.Sivaprakasam**, "The Effect of Exhaust Gas Recirculation on Diethyl Ether Fumigation in DI Diesel Engine with Ethanol Blended Diesel", International Journal of Engineering Research & Technology (IJERT), Volume 3, Number 10, Oct 2014, pp. 538-548. 2014.
7. S.Sudhakar and **S.Sivaprakasam**, "Potential of Diethyl Ether Blends with Biodiesel in DI Diesel Engine – An Experimental Investigation.", IJREAT International Journal of Research in Engineering & Advanced Technology, Volume 2, Number 5, Oct 2014, pp. 1-6. 2014.
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10. R Senthilkumar, V Manieniyar, **S Sivaprakasam**,” Experimental Investigation on DI Diesel Engine Using Bio Additive” International Journal of Applied Engineering Research 10 (8), 6210-6214.2015.
11. V Manieniyar, R Senthilkumar, and S Sivaprakasam,” Performance, Combustion and Emission Analysis on A Diesel Engine Fueled with Methyl Ester of Neem and

- Madhua Oil”, *International Journal of ChemTech Research* 7 (5), 2355-2360.2015.
12. V.Sukumar, V.Manieniyar and **S.Sivaprakasam** “Bio oil Production from Biomass using Pyrolysis and Upgrading - A Review” *International Journal of ChemTech Research* 8 (1), 196-206.2015.
  13. R. Velappan, **S. Sivaprakasam**, An investigation of single cylinder diesel engine using biodiesel from marine algae, *International Journal of Innovative Science, Engineering and Technology*, Vol.1, Issue 4, pp.399-403. 2015
  14. R. Velappan, **S. Sivaprakasam** and M. Kannan. “Analyzing the characterization of biodiesel extracted from Microalgae.” *International Journal of Applied Engineering Research*, Vol. 10 No.55 ISSN 0973-4562. pp 3923-3926. 2015.
  15. R. Velappan, **S. Sivaprakasam** and M. Kannan. “Study the Performance of Algae Oil in Diesel Engine with Various Injection Pressure.” *International Research Journal of Engineering and Technology* Vol. 02 No. 05. e-ISSN: 2395-0056. 1152-1157. 2015.
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  17. Deivajothi.P., Manieniyar.V. and **S. Sivaprakasam** “Experimental Investigation on the Effect of Thermal Cracked Carbon Filtered Fatty Acid Biodiesel on Engine Performance and Exhaust Emission, *International Journal of Engineering Trends and Technology*, Vol. 38(7) pp 330-333. 2016.
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  20. K.Asaithambi and **S.Sivaprakasam**. (2016). “Analysis the Performance and Exhaust Emission of DI Diesel Engine using Barium Oxide” *International Journal of Engineering Trends and Technology (IJETT)*, Vol. 42(6), pp 338-341.
  21. K.Asaithambi and **S.Sivaprakasam**. (2017). “Performance and Emission characteristics of Diesel Engine Using Nano Additive” *International Journal of Advance Engineering and Research Development (IAERD)*, Vol. 4(1), pp.157-159.
  22. Deivajothi.P., Manieniyar.V. and **S. Sivaprakasam**.(2018) “Experimental investigation on DI diesel engine with fatty acid oil from By-product of vegetable oil refinery”, *Ain Shams Engineering Journal* Article in press.
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