

Name of the DC Member : Dr.S.Sivaprakasam
Designation : Professor
Department : Mechanical Engineering
Working Institution/University: Annamalai University

List of Publications - International

1. V.Velumani, P.Lawrence and S. Sivaprakasam , "Performance and Emission Analysis on DI Diesel Engine with Multi-walled Carbon Nanotubes.", International Journal of Applied Engineering Research, Volume 13, Number 23, 2018, pp. 16697-16700. 2018.
2. Deivajothi.P., Manieniyar.V. and S .Sivaprakasam , "An impact of ethyl esters of groundnut acid oil (vegetable oil refinery waste) used as emerging fuel in DI diesel engine.", Alexandria Engineering Journal , Volume 57, Number 1, 2018, pp. 2215-2223. 2018.
3. K.Asaithambi and S.Sivaprakasam, "Performance and Emission characteristics of Diesel Engine Using Nano Additive.", International Journal of Advance Engineering and Research Development (IJAERD), Volume 4, Number 1, 2017, pp. 157-159. 2017.
3. V Manieniyar, P Deivajothi, S Sivaprakasam, "Performance Combustion and Emission of DI Diesel Engine by Thermal Cracked Carbon Filtered Sunflower Acid oil.", International Journal of Advanced Chemical Science and Applications (IJACSA), Volume 5, Number 2, 2017, pp. 1-5. 2017.
4. V Manieniyar, P Deivajothi, S Sivaprakasam, "Performance Combustion and Emission of DI Diesel Engine by Thermal Cracked Carbon Filtered Sunflower Acid oil.", International Journal of Advanced Chemical Science and Applications (IJACSA), Volume 5, Number 2, 2017, pp. 1-5. 2017.
5. V. Manieniyar, G. Vinodhini, R. Senthilkumar, S. Sivaprakasam, "Wear element analysis using neural networks of a DI diesel engine using biodiesel with exhaust gas recirculation.", Elsevier.com/locate/energy, Volume 114, Number 1, 2016, pp. 603-612. 2016`.
6. V.Sukumar, V.Manieniyar and S. Sivaprakasam , "Optimization and Characterization Studies on Bio Oil Production From Mahua Oil Cake By Pyrolysis Using Response Surface Methodology.", Elexir Renewable Energy, Volume 93, Number 1, 2016, pp. 39416-39420. 2016`.
7. 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 (IJETT), Volume 38, Number 7, 2016, pp. 330-333. 2016.

8. Deivajothi.P and S.Sivaprakasam, "Experimental Investigation on Diesel Engine Using By-Products from the Vegetable Oil Industry.", International Journal of Science and Research, Volume 5, Number 9, 2016, pp. 919-923. 2016`.
9. K.Asaithambi and S.Sivaprakasam, "Analysis the Performance and Exhaust Emission of DI Diesel Engine using Barium Oxide.", Journal of Engineering Trends and Technology (IJETT), Volume 42, Number 6, 2016, pp. 338-341. 2016`.
10. V.Manieniyam , R.Senthilkumar and S.Sivaprakasam, "Comparative Wear Analysis in a DI Diesel Engine Using Diesel and Biodiesel.", International Journal of Modern Trends in Engineering and Research, Volume 2, Number 1, 2015, pp. 2355-2360. 2015.
11. V.Manieniyam , R.Senthilkumar and S.Sivaprakasam, "Performance and emission studies in a dieselengine using diesel and bio diesel (jamun seed oil).", International Journal of Modern Trends in Engineering and Research (IJMTER), Volume 2, Number 5, 2015, pp. 327-331. 2015.
12. R Senthilkumar, V Manieniyam, S Sivaprakasam,, "Experimental Investigation on DI Diesel Engine Using Bio Additive.", International Journal of Applied Engineering Research, Volume 10, Number 8, 2015, pp. 6210-6214. 2015.
13. V Manieniyam, 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, Volume 7, Number 5, 2015, pp. 2355-2360. 2015.
14. V.Sukumar, S. Sivaprakasam and V.Manieniyam, "Optimization Studies on Bio Oil Production from sweet lime Empty Fruit Bunch by Pyrolysis Using Response Surface Methodology.", International Journal of Engineering Trends and Technology (IJETT) , Volume 25, Number 4, 2015, pp. 196-201. 2015.
15. V.Sukumar, S. Sivaprakasam, "Modelling of bio oil production from coconut shell by fast pyrolysis.", International Journal of Modern Trends in Engineering and Research (IJMTER), Volume 2, Number 8, 2015, pp. 208-216. 2015.
16. V.Sukumar, V.Manieniyam and S.Sivaprakasam, "Bio oil Production from Biomass using Pyrolysis and Upgrading - A Review.", International Journal of ChemTech Research, Volume 8, Number 1, 2015, pp. 196-206. 2015.

17. V.Sukumar and S. Sivaprakasam, "Experimental investigation on a di diesel engine fuelled with bio oil (mahua oil cake) and diesel.", International Journal of Advance Engineering and Research Development, Volume 2, Number 8, 2015, pp. 48-53. 2015.
18. R. Velappan, S. Sivaprakasam and M. Kannan, "Analyzing the characterization of biodiesel extracted from Microalgae..", International Journal of Applied Engineering Research, Volume 10, Number 55, 2015, pp. 3923-3926. 2015.
19. 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, Volume 2, Number 5, 2015, pp. 1152-1157. 2015.
20. R.Velappan and S. Sivaprakasam, "An Effect of Injection Timing on Di Diesel Engine Powered By Algae Methyl Ester.", International Journal of Innovative Research and Creative Technology, Volume 1, Number 5, 2015, pp. 443-446. 2015.