

<b>Name</b>	:	<b>Dr. M. Loganathan</b>
<b>Designation</b>	:	Professor
<b>Department</b>	:	Mechanical engineering
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### **5 years publication list**

#### **List of Publications - International**

1. M. Loganathan, V. Thanigaivelan V.M. Madhavan , A. Anbarasu and A. Velmurugan, "The synergetic effect between hydrogen addition and EGR on cashew nut shell liquid biofuel-diesel operated engine.", FUEL, Volume 266, Number 117004, Jan 2020, pp. 1-10. 2020.
2. V.M.Madhavan , D. Senthil Kumar and M. Loganathan, "Independent Component Analysis and Sophisticated Distribution Control Algorithms based Improving the Efficiency of Solar Power Generation.", International Journal of Recent Technology and Engineering , Volume 8, Number 4, Nov 2019, pp. 5589-5595. 2019.
3. V.Thanigaivelan and M.Loganathan, "Investigational analysis Of Performance Characteristics and Emission Of Cashew Nut Shell Biodiesel On DI Diesel Engine.", International Journal of Advanced Research in Engineering and Technology , Volume 10, Number 10, Jan 2019, pp. 45-54. 2019.
4. V.Thanigaivelan and M.Loganathan, "Performance and Emission Characteristics of Dual Fuel DI Diesel Engine using Cashew Nut Shell Bio Diesel and Hydrogen as Fuel.", International Journal of Mechanical Engineering and Technology, Volume 10, Number 1, Jan 2019, pp. 847- 857. 2019.
5. V.Thanigaivelan and M.Loganathan, "Effect Of Ethanol Addition on Performance and Emission of CNSL Biodiesel- Hydrogen Operated DI Dual Fuel Engine.", International Journal of Mechanical Engineering and Technology, Volume 10, Number 1, Jan 2019, pp. 1209-1220. 2019.
6. B. Vishnusankarajothi and M. Loganathan, "Effect Of Injection Pressure On Performance And Emission Of Diesel Hydrogen Operated C.I Engine.", International Journal of Engineering Researches and Management Studies, Volume 4, Number 6, Jun 2017, pp. 27-36. 2017.
7. P.Tamilarasan and M.Loganathan, "Effect of Water Injection on NOx Emission and Combustion of a Hydrogen-Fuelled SI Engine.", Middle-East Journal of Scientific Research , Volume 24, Number 9, Feb 2016, pp. 2957-2966. 2016.
8. M.Loganathan and P.Tamilarasan, "Experimental Investigation on the Performance and Emission Characteristics of Hydrogen Fueled SI Engine.", Journal of Science and Technology, Volume 9(S1), Number 10, Dec 2016, pp. 1-7. 2016.
9. P. Prabhakaran, P. Ramesh, C.G. Saravanan, M. Loganathan, and E. James Gunasekaran , "Experimental and numerical investigation of swirl enhancing grooves on the flow and combustion characteristics of a DI diesel engine.", Energy, Volume 115, Number 3, Sep 2016, pp. 1234-1245. 2016.
10. V.Gopalakrishnan and M,Loganathan , "Performance and Emission Characteristics of a Two Stroke Si Engine Operated with Gasoline Manifold Injection and Carburetion .", Journal of Science and Technology, Volume 6, Number 37, Oct 2016, pp. 1-5. 2016.

11. V.Gopalakrishnan and M,Loganathan , "Experimental Investigation of a Two Stroke SI Engine Operated with LPG Induction, Gasoline Manifold Injection and Carburetion.", International Journal of Scientific & Engineering Research, Volume 7, Number 8, Aug 2016, pp. 2417-2421. 2016.
12. V.Gopalakrishnan and M,Loganathan , "Experimental Investigation of a Two Stroke SI Engine Operated with LPG Induction, Gasoline Manifold Injection and Carburetion.", International Journal of Scientific & Engineering Research, Volume 7, Number 8, Aug 2016, pp. 2417-2421. 2016.
13. A.Velmurugan, M. Loganathan and E. James gunasekaran , "Prediction of performance, combustion and emission characteristics of diesel-thermal cracked cashew nut shell liquid blends using artificial neural network.", frontier energy, Volume 10, Number 10, Sep 2016, pp. 114-124. 2016.
14. B. Jothi Thirumal E.James Gunasekaran ,M.Loganathan and C. G. Saravanan, "Emission Reduction from a diesel engine fuelled By cerium oxide nano-additives using SCR with Different metal oxides coated catalytic converter.", Journal of Engineering Science and Technology, Volume 10, Number 11, Feb 2015, pp. 1404-1421. 2015.
15. R. Senthil kumar, M. Loganathan, E. James Gunasekaran , "Performance, emission and combustion characteristics of CI engine fuelled with diesel and hydrogen.", frontier energy, Volume 9, Number 4, Aug 2015, pp. 486-494. 2015
16. R. SenthilKumar and M. Loganathan , "Combustion characteristics of the direct injection diesel engine fuelled with corn oil methyl ester.", International Journal of Ambient Energy, Volume 37, Number 2, Jun 2015, pp. 136-142. 2015.
17. R. SenthilKumar and M. Loganathan , "Experimental investigation of diesel –hydrogen dual fuel direct injection CI engine with exhaust gas recirculation.", Applied mechanics and materials, Volume 787, Number 2, Apr 2015, pp. 697-701. 2015