

### **Last 5 year Research Publication of Internal DC Member 2**

Name : **Dr.M.R.Swaminathan**  
Designation : Associate Professor  
Department : Mechanical Engineering  
Address : Internal Combustion Engines Division,  
Department of Mechanical Engineering  
Anna University, Chennai - 600 025  
Phone Number : +91 44 22357567  
E-mail id : mrswaminathan@gmail.com

<b>S.NO</b>	<b>Papers</b>	<b>Year</b>
1.	Effective utilization of waste cooking oil in a diesel engine equipped with CRDi system using C8 oxygenates as additives for cleaner emission SS Ali, MR Swaminathan Fuel 275, 118003	2020
2.	Study of effect of Al and Cu microparticles dispersed in D-Mannitol PCM for effective solar thermal energy storage M Pramothraj, R Santosh, MR Swaminathan, G Kumaresan Journal of Thermal Analysis and Calorimetry 139 (2), 895-904	2020
3.	Computational Investigation on Radiative Heat Transfer Characteristics of an Automotive LED Tail Light A Sriraman, H Revanth, MR Swaminathan Mechanics 25 (2), 156-164	2019
4.	Rotating injector in DI diesel engine for improving performance and reducing NOx emission K Sengottaiyan, MR Swaminathan International Journal of Energy and Water Resources 1 (1), 19-26	2017