

Journal Publications

P. Jeyalakshmi, R. Subramanian, 2013, 'The application of response surface methodology for the optimization of pretreatment process parameters of paradise seed (*Simarouba glauca*) oil', Energy Sources-Part A: Recovery, Utilization, and Environmental Effects, Taylor and Francis Journal, vol. 35, no. 22, pp. 2087-2095. **(ANNEXURE –I, Impact factor:0.516)**

P. Jeyalakshmi, R. Subramanian and N. Nedunchezian, 2016, " **Biodiesel production from two stage esterification of *Simarouba glauca* seed oil and its characterization**", Energy Sources-Part A: Recovery, Utilization, and Environmental Effects, Taylor and Francis Journal, vol. 38, no. 9, pp. 1163-1168. **(ANNEXURE –I, Impact factor:0.516)**

P. Jeyalakshmi, 2019, "Characterization of Simarouba Glauca seed oil Biodiesel: A Comprehensive study" Journal of Thermal Analysis and Calorimetry, vol. 136, Pp. 267-280, **Springer Publications.**

List of papers in the Conference proceedings

P. Jeyalakshmi, C.A. Jagadish, 2020, "**Effect Of Orange Peel Oil With Paradise Seed Oil Biodiesel On The Performance Of Diesel Engine**" Online National Conference on Recent Trends in Thermal Sciences and Alternate Energy Resources, Government College of Technology, Coimbatore, **01.07.2020**

Recent Trends in Thermal Sciences and Alternate Energy Resources

Jeyalakshmi, P, " Experimental Investigation of a diesel engine using diesel particulate filter", National Conference on Recent Trends in Engineering and Technology, Rathinam Technical Campus, Coimbatore, 19th February, 2016.

Jeyalakshmi, P & Subramanian, R 2013, '**Combustion & emission characteristics of a diesel engine using paradise seed oil biodiesel with exhaust gas recirculation**', proceedings of the twenty third National Conference on IC Engines and Combustion, The Combustion Institute Indian Section (CIIS), Sardar Vallabhbhai National Institute of Technology, Surat, 13-16th December, pp. 39.

Jeyalakshmi, P, Subramanian, R, Nedunchezian, N, & Jeyagowri, B 2011, '**Studies on the characterization of biodiesel using gas chromatography-mass spectroscopy (GC-MS)**', International Conference on Thermal Energy & Environment, Kalasalingam University, Krishnankoil, 13-16th March, pp. 116.

"Prediction of Performance and Emissions in a Homogeneously Charged Compression Ignition Engine" at All India Conference on "Advances in Mechanical

Engineering”, organized by the Department of Mechanical Engineering, Sri Venkateshwara University, Tirupathi, on August 20th and 21st, 2004.