

Faculty profile



Prof. R.Jaganathan M.S(Prod.); Ph.D (IIT-Madras); MBA; GDMM, ICWA (Inter)

Professor,

Dept. of Automobile Engineering

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Total Experience (in years): 39

Research Area: Design & Mfg. of Automotive Components, Emission including Type test, Engine performance optimization, e-bike(bicycle & two wheelers), TQM, TPM, Six Sigma, SCM & Finance for Engineers

Recent Publications:

- 1.) Hariram, Venkatesan, V. Nagapraveen, R. Jaganathan, J. Godin John, S. Seralathan, and T. Micha Premkumar. *Optimizing the Transesterification Efficiency of Pumpkin Seed Bio-Oil through Response Surface Methodology Approach*. No. 2020-01-5048. SAE Technical Paper, 2020.
- 2.) Ramalingam, Jaganathan, B. Prabakaran, Sasikumar Nandagopal, Hariram Venkatesan, and Jaikumar Mayakrishnan. Dimensional Optimization of Key Parameters Using DoE Technique to Achieve Better NO X Emission Values in Mass Production of Single Cylinder Small Diesel Engines for 3 Wheeler Applications. No. 2020-01-1356. SAE Technical Paper, 2020.
- 3.) Numerical Analysis on Cone Length and its Effect on performance of an Automotive Catalytic Converter ,International Journal of Vehicle Structures & Systems (IJVSS) . 2019, Vol. 11 Issue 2, p161-168. 8p. 6 Diagrams, Charts, 1 Graph. Hariram, V.; Seralathan, S.; Arunraja, P.; Arshad, A. Salih; Jaganathan,

