

Dr Parthasarathy M

Automobile Engineering,

Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology

Verified email at veltech.edu.in

Area of Interest:

[internal combustion engines](#), [Sustainable Energy](#), [Biodiesel](#), [HCCI](#) [Dual fuel](#)

[Performance analysis of HCCI engine powered by tamanu methyl ester with various inlet air temperature and exhaust gas recirculation ratios](#)

M Parthasarathy, S Ramkumar, JIJR Lalvani, PV Elumalai, B Dhinesh, ...
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[An assessment on production and engine characterization of a novel environment-friendly fuel](#)

K Ramalingam, D Balasubramanian, PJTJS Chellakumar, J Padmanaban, ...
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[An experimental study on harmful pollution reduction technique in low heat rejection engine fuelled with blends of pre-heated linseed oil and nano additive](#)

PV Elumalai, B Dhinesh, M Parthasarathy, AR Pradeepkumar, SM Iqbal, ...
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[Assessment of Numerical Analysis and Experimental Investigation of Latest Technology Supercharged Cross Breed Engine under Bharath Stage-VI Norms](#)

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SAE Technical Paper

[Effect of Cobalt Chromite on the Investigation of Traditional CI Engine Powered with Raw Citronella Fuel for the Future Sustainable Renewable Source](#)

R Krishnamoorthy, K Asaithambi, D Balasubramanian, P Murugesan, ...
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[Influence of Various Flow Rates of CNG in CI Engine with Blend of Tamanu Methyl Ether and Ethanol](#)

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[Performance optimization of HCCI Engine Fueled with Tamanu Methyl Ether](#)

S Ramkumar, M Parthasarathy, S Padmanabhan
International Journal of Vehicle Structures & Systems 11 (2), 149-153

[Experimental Analysis of Low Heat Rejection Engine Powered by Blends of Waste Plastic Oil and Diesel](#)

V Rathinam, S Ramkumar, M Parthasarathy
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[Novel Garcinia gummi-gutta methyl ester \(GGME\) as a potential alternative feedstock for existing unmodified DI diesel engine](#)

L Subramani, M Parthasarathy, D Balasubramanian, KM Ramalingam

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Production of Garcinia gummi-gutta Methyl Ester (GGME) as a potential alternative feedstock for existing unmodified DI diesel engine: combustion, performance, and emission ...

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An experimental analysis on the influence of fuel borne additives on the single cylinder diesel engine powered by Cymbopogon flexuosus biofuel

B Dhinesh, RN Bharathi, JIJR Lalvani, M Parthasarathy, K Annamalai

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Pooled effect of injection pressure and turbulence inducer piston on performance, combustion, and emission characteristics of a DI diesel engine powered with biodiesel blend

JIJR Lalvani, M Parthasarathy, B Dhinesh, K Annamalai

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Effect of hydrogen on ethanol–biodiesel blend on performance and emission characteristics of a direct injection diesel engine

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An assessment on performance, combustion and emission behavior of a diesel engine powered by ceria nanoparticle blended emulsified biofuel

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B Dhinesh, JIJR Lalvani, M Parthasarathy, K Annamalai

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Experimental investigation of combustion, performance and emission characteristics of a modified piston

JIJR Lalvani, M Parthasarathy, B Dhinesh, K Annamalai

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