

Dr.B.Ashok
List of Publications

TITLE	YEAR
Comprehensive study of engine characteristics of novel biodiesel from curry leaf (<i>Murraya koenigii</i>) oil in ceramic layered diesel engine K Viswanathan, B Ashok, A Pugazhendhi Fuel 280, 118586	2020
Experimental analysis of higher alcohol-based ternary biodiesel blends in CI engine parameters through multivariate and desirability approaches AN Kumar, B Ashok, K Nanthagopal, HC Ong, MJ Geca, J Victor Biomass Conversion and Biorefinery, 1-16	2020
Development of biofuel from <i>Nigella sativa</i> biomass and its suitability for energy application SK Muniappan, A Bragadeshwaran, N Kasianantham, V Rajasekar Biomass Conversion and Biorefinery, 1-17	2020
Study of diesel fuel multiple injection characteristics using shadow-graphic imaging technique with CRDI system in constant volume chamber GRS Avinash, C Kavitha, B Ashok, R Vignesh, V Venkat, V Karthickeyan Fuel 279, 118436	2020
Multi-functional fuel additive as a combustion catalyst for diesel and biodiesel in CI engine characteristics B Ashok, K Nanthagopal, OH Chyuan, PTK Le, N Raje, A Raj, Fuel 278, 118250	2020
An interdisciplinary review on calibration strategies of engine management system for diverse alternative fuels in IC engine applications A Jacob, B Ashok Fuel 278, 118236	2020
Decanol Proportional Effect Prediction Model as Additive in Palm Biodiesel Using ANN and RSM Technique for Diesel Engine AN Kumar, PS Kishore, KB Raju, B Ashok, R Vignesh, AK Jeevanantham Energy, 119072	2020
Calibration of idling characteristics for Lemon Peel Oil using Central Composite Design in light commercial vehicle diesel engine B Ashok, AK Jeevanantham, KRB Hire, V Kashyap, P Saiteja Energy Conversion and Management 221, 113183	2020
Experimental study on engine parameters variation in CRDI engine fuelled with palm biodiesel AN Kumar, PS Kishore, KB Raju, K Nanthagopal, B Ashok Fuel 276, 118076	2020
Critical interpretative review on current outlook and prospects of selective catalytic reduction system for De-NO _x strategy in compression ignition engine R Vignesh, B Ashok Fuel 276, 117996	2020
Multi-Objective Optimization on Vibration and Noise Characteristics of Light Duty Biofuel Powered Engine at Idling Condition Using Response Surface Methodology B Ashok, AK Jeevanantham, K Prabhu, PM Shirude, DD Shinde, Journal of Energy Resources Technology 143 (4)	2020
Effect of diethyl ether and ethanol as an oxygenated additive on <i>Calophyllum</i>	2020

inophyllum biodiesel in CI engine A Tamilvanan, K Balamurugan, B Ashok, P Selvakumar, S Dhamotharan, Environmental Science and Pollution Research, 1-19	
Biodegradable and non-biodegradable fraction of municipal solid waste for multifaceted applications through a closed loop integrated refinery platform: paving a path towards ... G Velvizhi, S Shanthakumar, B Das, A Pugazhendhi, TS Priya, B Ashok, Science of the Total Environment 731, 138049	2020
Experimental investigation on engine parameters variation in common rail direct injection engine fueled with biodiesel K Nanthagopal, B Ashok, RS Kishna, R Srinath, MP Kumar, Clean Technologies and Environmental Policy 22 (2), 459-479	2020
Emission reduction in CI engine using biofuel reformulation strategies through nano additives for atmospheric air quality improvement SA Sheriff, IK Kumar, PS Mandhatha, SS Jambal, R Sellappan, B Ashok, Renewable Energy 147, 2295-2308	2020
Experimental study on the effect of cetane improver with turpentine oil on CI engine characteristics AK Jeevanantham, DM Reddy, N Goyal, D Bansal, G Kumar, A Kumar, Fuel 262, 116551	2020
Experimental investigation of pomegranate oil methyl ester in ceramic coated engine at different operating condition in direct injection diesel engine with energy and exergy ... V Karthickeyan, S Thiyagarajan, B Ashok, VE Geo, AK Azad Energy Conversion and Management 205, 112334	2020
Effect of manifold injection of methanol/n-pentanol in safflower biodiesel fuelled CI engine S Thiyagarajan, A Sonthalia, VE Geo, T Prakash, V Karthickeyan, B Ashok, Fuel 261, 116378	2020
Investigation of alternative fuels as low reactivity fuel in port-charged compression ignition (PCCI) engine V Karthickeyan, S Thiyagarajan, B Ashok Recent Technologies for Enhancing Performance and Reducing Emissions in ...	2020
Influence of Nano-Particle Additives on Bio-Diesel-Fuelled CI Engines: A Review A Tamilvanan, K Balamurugan, T Mohanraj, P Selvakumar, B Ashok, Recent Technologies for Enhancing Performance and Reducing Emissions	2020
Process Optimization Study of Alternative Fuel Production From Linseed Oil V Karthickeyan, S Balamurugan, B Ashok, S Thiyagarajan, Recent Technologies for Enhancing Performance and Reducing Emissions in	2020
A compressive review on the effects of alcohols and nanoparticles as an oxygenated enhancer in compression ignition engine K Nanthagopal, RS Kishna, AE Atabani, H Ala'a, G Kumar, B Ashok Energy Conversion and Management 203, 112244	2020
Investigation on pilot injection with low temperature combustion of Calophyllum inophyllum biodiesel fuel in common rail direct injection diesel engine RS Kishna, K Nanthagopal, B Ashok, R Srinath, MP Kumar, P Bhowmick Fuel 258, 116144	2019
Comparative analysis on the influence of antioxidants role with <i>Pistacia khinjukoil</i> biodiesel to reduce emission in diesel engine V Karthickeyan, B Ashok, S Thiyagarajan, K Nanthagopal, VE Geo,	2019

Heat and Mass Transfer, 1-18	
Comprehensive review of Calophyllum inophyllum as a feasible alternate energy for CI engine applications V Vigneshwar, SY Krishnan, RS Kishna, R Srinath, B Ashok, Renewable and Sustainable Energy Reviews 115, 109397	2019
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Active camber and toe control strategy for the double wishbone suspension system C Kavitha, SA Shankar, K Karthika, B Ashok, SD Ashok Journal of King Saud University-Engineering Sciences 31 (4), 375-384	2019
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Investigation of novel Pistacia khinjuk biodiesel in DI diesel engine with post combustion capture system V Karthickeyan, B Ashok, K Nanthagopal, S Thiyagarajan, VE Geo Applied Thermal Engineering 159, 113969	2019
Influence of hexanol as additive with Calophyllum Inophyllum biodiesel for CI engine applications A Ramesh, B Ashok, K Nanthagopal, MR Pathy, A Tambare, P Mali, Fuel 249, 472-485	2019
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Study on decanol and Calophyllum Inophyllum biodiesel as ternary blends in CI engine K Nanthagopal, B Ashok, B Saravanan, MR Pathy, G Sahil, A Ramesh, Fuel 239, 862-873	2019
An investigation on CRDi engine characteristic using renewable orange-peel oil B Ashok, K Nanthagopal, DA Perumal, JM Babu, A Tiwari, A Sharma Energy conversion and management 180, 1026-1038	2019
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