

S.No	Author(s)	Paper Title	Name of Journal	Year
1.	B Ashok, AK Jeevanantham, K Prabhu, Pratik M Shirude, Datta D Shinde, Nikhil S Nadgauda, C Karthick	Multi-Objective Optimization on Vibration and Noise Characteristics of Light Duty Biofuel Powered Engine at Idling Condition Using Response Surface Methodology	Journal of Energy Resources Technology- ASME Publications	2021
2.	Pajarla Saiteja , B. Ashok	A critical insight review on homogeneous charge compression ignition engine characteristics powered by biofuels	Fuel – Elsevier Publications	2021
3.	R. Vignesh, B. Ashok	Critical interpretative review on current outlook and prospects of selective catalytic reduction system for De-NOx strategy in compression ignition engine	Fuel – Elsevier Publications	2020
4.	B. Ashok, A.K. Jeevanantham, Kartik R. Bhat Hire, Vibhav Kashyap, Pajarla Saiteja	Calibration of idling characteristics for Lemon Peel Oil using Central Composite Design in light commercial vehicle diesel engine	Energy Conversion and Management - Elsevier Publications	2020
5.	A. Naresh Kumar, P.S. Kishore, K. Brahma Raju, K. Nanthagopal, B. Ashok	Experimental study on engine parameters variation in CRDI engine fuelled with palm biodiesel	Fuel – Elsevier Publications	2020
6.	A. Naresh Kumar, P.S. Kishore, K. Brahma Raju, B. Ashok, R. Vignesh, A.K. Jeevanantham, K. Nanthagopal, A. Tamilvanan	Decanol proportional effect prediction model as additive in palm biodiesel using ANN and RSM technique for diesel engine	Energy - Elsevier Publications	2020
7.	Ashwin Jacob, B. Ashok	An interdisciplinary review on calibration strategies of engine management system for diverse alternative fuels in IC engine applications	Fuel – Elsevier Publications	2020
8.	B. Ashok, K. Nanthagopal,*, Ong Hwai Chyuan, Phung Thi Kim Le, Kedar khanolkar, Ninad Raje, Arun Raj, V. Karthickeyan, A. Tamilvanan	Multi-functional fuel additive as a combustion catalyst for diesel and biodiesel in CI engine characteristics	Fuel – Elsevier Publications	2020

9.	Ghanta Ram Sai Avinash, C. Kavitha, B. Ashok, R. Vignesh, Vaibhav Venkat, V. Karthickeyan	Study of diesel fuel multiple injection characteristics using shadow-graphic imaging technique with CRDI system in constant volume chamber	Fuel – Elsevier Publications	2020
10.	V. Karthickeyan, B. Ashok, Arivalagan Pugazhendhi	Comprehensive study of engine characteristics of novel biodiesel from curry leaf (<i>Murraya koenigii</i>) oil in ceramic layered diesel engine	Fuel – Elsevier Publications	2020
11.	G.Velvizhi, S. Shantha Kumar, Bhaskar Das, Arivalagan Pugazhendhi, T. ShanmugaPriya, B. Ashok, K. Nanthagopal, R.Vignesh, C.Karthick	Biodegradable and non-biodegradable fraction of municipal solid waste for multifaceted applications through a closed loop integrated refinery platform: Paving a path towards circular economy	Science of the total environment - Elsevier Publications	2020
12.	Ayyasamy Tamilvanan, Kulendran Balamurugan, Bragadeshwaran Ashok, Pandiaraj Selvakumar, Subbaiyan Dhamotharan, Moorthy Bharathiraja, Viswanathan Karthickeyan	Effect of diethyl ether and ethanol as an oxygenated additive on <i>Calophyllum inophyllum</i> biodiesel in CI engine	Environmental Science and Pollution Research – Springer Publications	2020
13.	S. Abdul Sheriff, Indrala Kishan Kumar, Petluri Sai Mandhatha, Samraj Sunder Jambal, Raja Sellappan, B. Ashok, K. Nanthagopal	Emission reduction in CI engine using biofuel reformulation strategies through nano additives for atmospheric air quality improvement	Renewable Energy - Elsevier Publications	2020
14.	V. Vigneshwar, S. Yogesh Krishnan, R. Susanth Kishna, R. Srinath, B. Ashok, K. Nanthagopal	Comprehensive review of <i>Calophyllum inophyllum</i> as a feasible alternate energy for CI engine applications	Renewable and Sustainable Energy Reviews- Elsevier Publications	2020
15.	S.Thiyagarajan, Ankit Sonthalia, V. Edwin Geo, V. Karthickeyan, B. Dhinesh B. Ashok, K. Nanthagopal,	Effect of manifold injection of methanol/n-pentanol in safflower biodiesel fuelled CI engine	Fuel – Elsevier Publications	2020
16.	K. Nanthagopal, B. Ashok, R. Susanth Kishna, R. Srinath,M. Pranava Kumar, V.	Experimental investigation on engine parameters variation in common rail direct injection engine	Clean technologies and environmental	2020

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17.	K. Nanthagopal, R. Susanth Kishna, A.E. Atabanib, Ala'a H. Al-Muhtaseb, Gopalakrishnan Kumar, B. Ashok	A compressive review on the effects of alcohols and nanoparticles as an oxygenated enhancer in compression ignition engine	Energy Conversion and Management - Elsevier Publications	2020
18.	A.K. Jeevananthama, D. Madhusudan Reddy, Neel Goyala, Gopalakrishnan Kumar, Aman Kumara, K. Nanthagopal, B. Ashok	Experimental study on the effect of cetane improver with turpentine oil on CI engine characteristics	Fuel – Elsevier Publications	2020
19.	V Karthickeyan, B.Ashok, , S Thiagarajan, V Edwin Geo	Experimental investigation of pomegranate oil methyl ester in ceramic coated engine at different operating condition in direct injection diesel engine with energy and exergy analysis	Energy Conversion and Management - Elsevier Publications	2020
20.	V Karthickeyan, B.Ashok, K Nanthagopal, S Thiagarajan, V Edwin Geo, B.Dhinesh	Comparative analysis on the influence of antioxidants role with Pistacia khinjuk oil biodiesel to reduce emission in diesel engine	Heat and Mass Transfer– Springer Publications	2020
21.	K. Nanthagopal, B.Ashok, Raghuram Garnepudi, Raghu Tarun, B.Dhinesh	Investigation on Diethyl Ether as an Additive with Calophyllum Inophyllum Biodiesel for CI Engine Application	Energy Conversion and Management - Elsevier Publications	2019
22.	V. Karthickeyan, S. Thiagarajan, V. Edwin Geo, B. Ashok, K. Nanthagopal, Ong Hwai Chyuan, R. Vignesh	Simultaneous reduction of NOx and smoke emissions with low viscous biofuel in low heat rejection engine using selective catalytic reduction technique	Fuel – Elsevier Publications	2019
23.	V Karthickeyan, B.Ashok, K Nanthagopal, S Thiagarajan, V Edwin Geo	Investigation of Novel Pistacia khinjuk Biodiesel in DI Diesel Engine with Post Combustion Capture System	Applied Thermal Engineering– Elsevier Publications	2019
24.	A. Ramesh, B. Ashok, K. Nanthagopal, M. Ramesh Pathy, Abhijeet Tambare,	Influence of hexanol as additive with Calophyllum Inophyllum biodiesel for CI engine applications	Fuel – Elsevier Publications	2019

	Prajwal Mali, Pratik Phuke, Sumit Patil, Rayapati Subbarao			
25.	S. Thiagarajan, Ankit Sonhalia, V. Edwin Geo, B. Ashok, K. Nanthagopal, V. Karthickeyan, B. Dhinesh	Effect of electromagnet-based fuel- reforming system on high-viscous and low-viscous biofuel fueled in heavy-duty CI engine	Journal of Thermal Analysis and Calorimetry– Springer Publications	2019
26.	Pathikrit Bhowmick, A.K. Jeevanantham, B. Ashok, K. Nanthagopal, D.Arumuga Perumal, V. Karthickeyan, K. C. Vora, Aatmesh Jain	Effect of Fuel Injection Strategies and EGR on Biodiesel Blend in a CRDI engine	Energy - Elsevier Publications	2019
27.	K. Nanthagopal, B.Ashok, R. Aaditya Ramasamy, B. Sudharshan, B. Sudarshan, Thiagarajan, V. Edwin Geo, Ong Hwai Chyuan	Impact of Addition of Two Ether Additives with High Speed Diesel- Calophyllum Inophyllum Biodiesel Blends on NOx Reduction in CI engine.	Energy - Elsevier Publications	2019
28.	Bragadeshwaran Ashok, Kasianantham Nanthagopal, M. SenthilKumar, Aaditya, Deepam Patel, Sudarshan	An Investigation on CI Engine Characteristics Using Pork Lard Methyl Ester at Various Injection Pressure and Injection Timing.	International Journal of Green Energy - Taylor & Francis Publications	2019
29.	Ashok Bragadeshwaran, Nanthagopal, Kaisan, Dandu Madhu Sudan Reddy, Aravind, Navneet, Inas Alia, Arun Jose, Tobith	Influence of Injection Timing and Exhaust Gas Recirculation (EGR) Rate on Lemon Peel Oil Fuelled CI Engine	Environmental Science and Pollution Research – Springer Publications	2019
30.	B. Ashok, A.K. Jeevanantham, K. Nanthagopal, B. Saravanan, M. Senthil Kumar, Ajith Johny, Aravind, Kaisan, Abubakar	An experimental analysis on the effect of n-pentanol- Calophyllum Inophyllum Biodiesel binary blends in CI engine characteristics	Energy - Elsevier Publications	2019
31.	B. Ashok, K. Nanthagopal, Sivaprasad, Ong Hwai Chyuan, A. Ramesh, Ashwin Jacob, G. Sahil, S. Thiyagarajan, V. Edwin	Comparative assessment of hexanol and decanol as oxygenated additives with calophyllum inophyllum biodiesel	Energy - Elsevier Publications	2019
32.	S. Thiagarajan, V. Edwin, B.	NOx emission reduction using	Clean technologies	2019

	Ashok, K. Nanthagopal, R. Vallinayagam, C. G. Saravanan,	permanent/electromagnet-based fuel reforming system in a compression ignition engine fueled with pine oil	and environmental policy – Springer Publications	
33.	B. Ashok, K. Nanthagopal, B. Saravanan, Kalam Azad Deepam, Sudarshan, R. Aaditya	Study on Isobutanol and Calophyllum Inophyllum Biodiesel as a Partial Replacement in CI Engine Applications	Fuel – Elsevier Publications	2019
34.	B. Ashok, K. Nanthagopal, B. Saravana, Vivek Anand, K. M. Aravind, A. K. Jeevanantham	Effects of n-octanol as a fuel blend with biodiesel on Diesel engine characteristics	Fuel – Elsevier Publications	2019
35.	B. Ashok, K. Nanthagopal, D. Arumuga Perumal, J. M. Babu, Anmol Tiwari, Akhil Sharma	An investigation on CRDi engine characteristic using renewable orange-peel oil	Energy Conversion and Management - Elsevier Publications	2019
36.	K. Nanthagopal, B. Ashok, Saravanan, M. Ramesh, G. Sahil, Nurun Nabi, Mohammed	Study on decanol and Calophyllum Inophyllum biodiesel as ternary blends in CI engine	Fuel – Elsevier Publications	2019
37.	Akula Naresh kumar, Pisipaty Srinivas Kishore, Kalidindi Brahma Raju, Nanthagopal, Ashok Bragadeshwaran	Engine Parameter Optimization of Palm Oil Biodiesel as Alternate Fuel in CI Engine	Environmental Science and Pollution Research – Springer Publications	2019
38.	Rishabh Khanna, Akshyt Bimal Kumar, Kartik, K Nantha Gopal, Ashok B, Sahil, Vignesh	Design and Development of a Dry Sump Lubrication System for a Formula SAE Race Car	Society of Automotive Engineers (SAE) Technical Paper	2019
39.	Abinav Shankar, Ashok B, Gowutham, Arun, Vemuluri Ramesh	Vehicle Side Safety Enhancement through Door Intrusion Barrier Analysis and Recuperation	Society of Automotive Engineers (SAE) Technical Paper	2019
40.	Umashankar Lath, Sanyam Kakkar, Aman, B. Ashok, Ramesh Babu, S. Denis Ashok, C. Kavitha	Modelling and Validation of a Control Algorithm for Yaw Stability & Body Slip Control Using PID & Fuzzy Logic Based Controllers	Society of Automotive Engineers (SAE) Technical Paper	2019
41.	B. Ashok, Sathiaselvan, S. Denis Ashok, C. Ramesh	Neural Network Based Virtual Sensor for Throttle Valve Position Estimation	Society of Automotive	2019

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42.	K. Nanthagopal, B. Ashok, B. Saravanan, Shane Mathew Korah, Snehith Chandra	Effect of next generation higher alcohols and Calophyllum inophyllum methyl ester blends in diesel engine	Journal of Cleaner Production -Elsevier Publications	2018
43.	B. Ashok, K. Nanthagopal, Bhaskar Chaturvedi, Shivam Sharma, R. Thundil Karuppa Raj	A comparative assessment on Common Rail Direct Injection (CRDI) engine characteristics using low viscous biofuel blends	Applied Thermal Engineering– Elsevier Publications	2018
44.	M.U. Kaisan, S. Abubakar, B. Ashok, Dhinesh, S. Narayan, Ivan Grujic, Nadica S	Comparative analyses of biodiesel produced from jatropha and neem seed oil using a gas chromatography–mass spectroscopy technique	Biofuels – Taylor & Francis Publications	2018
45.	Ashok Bragadeshwaran, Nanthagopal, Saravanan, Tarun, Arumuga Perumal, Usman Kaisan	Experimental Study of Methyl tert- butyl ether as an Oxygenated Additive in Diesel and Calophyllum Inophyllum Methyl Ester Blended Fuel in CI Engine	Environmental Science and Pollution Research – Springer Publications	2018
46.	B. Ashok, K. Nanthagopal, B. Saravanan, Somasundaram, C. Jegadheesan, Bhaskar, Gaurang	A novel study on the effect lemon peel oil as a fuel in CRDI engine at various injection strategies	Energy Conversion and Management - Elsevier Publications	2018
47.	S. Sani, M.U. Kaisan, D.M. Kulla, A.I. Obi, A. Jibrin, B. Ashok	Determination of physico chemical properties of biodiesel from Citrullus lanatus seeds oil and diesel blends	Industrial Crops & Products - Elsevier Publications	2018
48.	V. Dhana Rajua, P.S. Kishore, K. Nanthagopal, B.Ashok	An experimental study on the effect of nanoparticles with novel tamarind seed methyl ester for diesel engine applications	Energy Conversion and Management - Elsevier Publications	2018
49.	Nanthagopal, K., Ashok, B., Saravanan, B., Patel, D., Sudarshan, B. and Ramasamy, R.A.	An assessment on the effects of 1- pentanol and 1-butanol as additives with Calophyllum Inophyllum biodiesel.	Energy Conversion and Management - Elsevier Publications	2018
50.	Ashok Bragadeshwaran, Nanthagopal K, Saravanan, Senthil Kumar, Madhu Sudan Reddy, Randive Vishal	Mitigation of NOx and smoke emissions in a diesel engine using novel emulsified lemon peel oil biofuel	Environmental Science and Pollution Research –	2018

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51.	Nantha Gopal K, Anil, Ashok B.	Tribological characteristics of Pongamia oil methyl ester	Jurnal Tribologi – Malaysian Tribology Society	2018
52.	Saksham Bhardwaj, Ashok B, Umashanka, Aman Agarwal	Design and Optimization of Steering Upright to Reduce the Weight Using FEA	Society of Automotive Engineers (SAE) Technical Paper	2018
53.	Aman Agarwal, Umashankar Lath, Saksham , K Nantha Gopal, Ashok B, Akshyt Bimal Rishabh	Design and Development of a Restricted Intake Manifold for a Naturally Aspirated Four Cylinder SI Engine	Society of Automotive Engineers (SAE) Technical Paper	2018
54.	Nanthagopal, K., Raj, R.T.K., Ashok, B., Elango, T. and Saravanan, S.V.	Influence of Exhaust Gas Recirculation on Combustion and Emission Characteristics of Diesel Engine Fuelled with 100% Waste Cooking Oil Methyl Ester	Waste and Biomass Valorization – Springer Publications	2018
55.	S. Abubakar, S. Umaru, M.U. Kaisan, U.A. Umar, B. Ashok, K. Nanthagopal	Development and performance comparison of mixed-mode solar crop dryers with and without thermal storage	Renewable Energy - Elsevier Publications	2018
56.	C Kavitha, S Abinav Shankar, K Karthika,B Ashok, S Denis Ashok	Active camber and toe control strategy for the double wishbone suspension system	Journal of King Saud University- Engineering Sciences-Elsevier Publications	2018
57.	C. Kavitha, S. Abinav, B. Ashok, S. Denis Ashok, Hafiz Ahmed, Muhammad Usman	Adaptive Suspension Strategy for a Double Wishbone Suspension through Camber and Toe Optimization	Engineering science and technology an international journal - Elsevier Publications	2018
58.	Rishabh, Tanmay, Rishabh, Akshyt, K Nantha gopal, Sushant, Aagosh, B. Ashok,	Design and Development of Cooling System for a Formula SAE Race Car	Society of Automotive Engineers (SAE) Technical Paper	2018
59.	Ashok B, S Denis Ashok, C Kavitha	Closed Loop Throttle Opening Angle Estimation Strategy by Considering Torque Demands from SI Engine	Society of Automotive Engineers (SAE) Technical Paper	2018
60.	Neelkantha, Abhishek , Nitin Mohan, B.Ashok, Kavitha C,	Estimation of Position of Electromechanical	IEEE digital explorer.	2018

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61.	C.Kavitha, S.Denis, B. Ashok , Kaisan Muhammad, Abhinav Samsi, T.C.Kanish	Automatic Gear Shifting mechanism for a Sequential Transmission System for an Electric Vehicle	Materials Today: Proceedings- Elsevier Publications	2018
62.	B. Ashok, K.Nanthagopal, A.Tamilarasu, AjithJohny, Aravind Mohan	Experimental studies on the effect of metal oxide and antioxidant additives with Calophyllum Inophyllum Methyl ester in compression ignition engine	Journal of Cleaner Production -Elsevier Publications	2017
63.	B.Ashok, K.Nanthagopal, Aravind Mohan, Ajith Johny, A. Tamilarasu	Comparative Analysis on the Effect of Zinc Oxide and Ethanox as Additives with Biodiesel in CI Engine	Energy -Elsevier Publications	2017
64.	B.Ashok, K. Nanthagopal, A.K.Jeevanantham, Pathikrit Bhowmicka, Pranjal Agarwal	An Assessment of Calophyllum Inophyllum biodiesel fuelled Diesel Engine Characteristics Using Novel Antioxidant Additives	Energy Conversion and Management - Elsevier Publications	2017
65.	B.Ashok, K. Nanthagopal, R.Thundil Karuppa J.Pradeep, D. Sakthi	Influence of injection timing and exhaust gas recirculation of a Calophyllum inophyllum methyl ester fuelled CI engine	Fuel Processing Technology - Elsevier Publications	2017
66.	K. Nanthagopal, B. Ashok, K.Vignesh Varatharajan, Vivek Anand, R.Dinesh Kumar	Study on the effect of exhaust gas-based fuel preheating device on ethanol–diesel blends operation in a compression ignition engine.	Clean technologies and environmental policy – Springer Publications	2017
67.	Ashok.B, Bahuguna Rishabh, Tanmay Prasad, K. Nanthagopal	Analytical Investigation of Radiator Fan Shroud on a Thermal Heat Exchanger for Automotive Applications	Society of Automotive Engineers (SAE) Technical Paper	2017
68.	K.Nanthagopal, B. Ashok, A.Tamilarasu, AjithJohny, Aravind Mohan	Influence on the effect of zinc oxide and titanium dioxide nanoparticles as an additive with Calophyllum inophyllum methyl ester in a CI engine	Energy Conversion and Management - Elsevier Publications	2017
69.	B.Ashok, K Nantha Gopal, Thundil Karuppa Raj Rajagopal, Sushrut	Design and Analysis of a Fuel Preheating Device for Evaluation of Ethanol Based Biofuel Blends in a Diesel Engine Application	SAE Journal of Engines	2017
70.	B.Ashok, R.Thundil, K.Nanthagopal, Rahul, Subbarao	Lemon peel oil – A novel renewable alternative energy source for diesel engine	Energy Conversion and Management - Elsevier	2017

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72.	Shishir, Ashok.B, V Ramesh, Kavitha. C	Structural Analysis of Electric Vehicle Transmission–Mounts and Casing for different Materials	Society of Automotive Engineers (SAE) Technical Paper	2017
73.	K Nantha Gopal, B. Ashok, Rishabh Bahuguna, Tanmay Prasad	Analytical Investigation of Fan Shroud on a Thermal Heat Exchanger for Automotive Applications	Society of Automotive Engineers (SAE) Technical Paper	2017
74.	Ashok.B. Denis Ashok. S, Ramesh Kumar C	Trends and future perspectives of electronic throttle control system in a spark ignition engine	Annual Reviews in Control - Elsevier Publications	2017
75.	K.NanthaGopal, B.Ashok, K.Senthil Kumar, R.Thundil,S. Denis Ashok	Performance analysis and emissions profile of cottonseed oil biodiesel– ethanol blends in a CI engine	Biofuels – Taylor & Francis Publications	2017
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77.	Ashok.B. Denis Ashok. S, Ramesh Kumar C	An Integrated Pedal Follower and Torque Based Approach for Electronic Throttle Control in a Motorcycle Engine	Engineering Journal	2017
78.	Ashok.B. Abhishek Kumar, Abhijeet, Neelkantha, Nitin.	Study of the Injector Drive Circuit for a high pressure GDI Injector	IEEE digital explorer.	2017
79.	C Kavitha, B.Ashok, K Nanthagopal, Rohan, Nisha, Siddhanth Shetty	Braking distance algorithm for autonomous cars using road surface recognition	IOP Conference Series: Materials Science and Engineering	2017
80.	B.Ashok, Nisha Rastogi, Siddhanth Shetty	Analysing the effects of air flow on a formula prototype vehicle to optimize its performance	IOP Conference Series: Materials Science and Engineering	2017