

Dr.P.Raghu

1. Sibi Pugalenth, Raghunath Adimoolam Ganesan and **Raghu Palani**, Heat transfer study on DI diesel engine for various fuels, AIP Conference Proceedings 2283, 020013 (2020) (Scopus indexed), impact factor 0.40
2. S Sabareesh kumaran and **P Raghu**, Effect of Nozzle Hole Number on Diesel Engine Using Diesel and Biodiesel Blends,IOP Conf. Series: Materials Science and Engineering 912 (2020) 042007 (Scopus indexed), Impact factor 0.53
3. **P.Raghu**,R.Sundarrajan,R.Rajaraman,M.Ramaswamy & B.Sathyanaryanan, Experimental Study of Heat Transfer in a Direct Injection Diesel Engine, 2020.Int. J.Vehicle Structures & Systems, 12(1), 82-84.Impact factor 0.38,(Scopus indexed).
4. B.Yoneshwar, N.Vishal, S.V.Karthik Varshan, A.K.Boobalaseshthilraj and **P.Raghu**, Spray Characteristic Study Of Corn Oil Methyl Ester For Various Number Of Nozzle Holes, AIP Conference Proceedings 2161, 020015 (2019),(Scopus indexed).impact factor 0.40.
5. M.Shyam Sundar, S.Rethna Prakash,, D.Prasanth and **P.Raghu**, The experimental exploration for various injection timing of a DI diesel engine using corn oil methyl ester and its blends, AIP Conference Proceedings 2161, 020013 (2019). (Scopus indexed).impact factor 0.40
6. **P. Raghu**, B. Sakthivel, V.V. Linkesh Kumar,J. Pradeep Raj & S. Niranjan Suresh,An Optimisation Of Spray And Performance Emission Characteristic Of Biodiesel And Its Blends By Varying Injection Timing In Diesel Engine, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) Vol. 9, Issue 3, Jun 2019, 165-170.(Scopus indexed).
7. Lingeshwaran. G. S& **P.Raghu**, Heat transfer study on a di diesel engine using diesel and biodiesel fuels, International Journal Of Industrial Engineering & Technology (Ijiet) ,Vol. 9, Issue 1, Jun 2019, 69-76 .
8. B.Yoneshwar, C.Raj Kishore,, K.Vishnu, **P.Raghu**, Spray characteristics optimization of Biodiesel Fuel in Constant Volume Chamber using Multi-response Optimization Technique,International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ,Vol. 9, Issue 4, Aug 2019, 1125-1132 ,(Scopus indexed).
9. R.Rajaraman, R.Sundarrajan, B.Sathyanaryanan, **P.Raghu**, Effect of Nozzle Hole Geometry On Diesel Engine Using Diesel And Biodiesel Fuel,IOSR Journal of Mechanical and Civil Engineering, Volume 16, Issue 3 June. 2019, PP 34-39.
10. V.Antony Immanuel Akash, M.Ganesh Raj, V.Kumaresh, S.Bharath Kumar & **P.Raghu** the Design And Fabrication Of Crushing Machine using Double Toggle Mechanism, International Journal Of Industrial Engineering & Technology (IJET) Issn (P): 2277-4769; Issn (E): 2278-9456 Vol. 8, Issue 2, Dec 2018, 7-12.
11. **P. Raghu**, R. Sundarrajan,R. Rajaraman,M. Ramaswamy And Sathyanaryanan5heat Transfer Investigation On A Single Cylinder Diesel Engine Using Diesel And Biodiesel,Engineering Research and Development (IJMPERD),Vol. 8, Special Issue 8, Aug 2018, 72-76.(Scopus indexed).
12. P. Vengatesh, **P. Raghu**, N. Nallusamy (2018) Spray Characteristics of Diesel Fuel Using Numerical Simulation International Research Journal of Engineering and Technology (IRJET)Volume: 05 Issue: 04 |Apr-2018 pp.1072-1074, Impact Factor value: 6.171
13. A Rajaram, V Subash, K.Surendar,| **P Raghu** (2018), Optimization of spray characteristics by response surface methodology,International journal of modern trends in engineering and science vol.05,03, pp.1-3. Impact factor 2.02

14. **P. Raghu**, A.J Arun Theja, G. Ashwin Raj, T.G Adithya Arvind , 2018 , Study of Spray Breakup Regimes of Preheated Biodiesel Fuel, International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE) Vol 3, Issue 2, pp.150154, Impact factor 3.8
15. M.Dyanesh, Nishanth Paul.V, Girish Ethiraj, **P Raghu** 2018 Numerical Simulation for Spray Characteristics of Diesel and Biodiesel fuel International Research Journal of Engineering and Technology Volume: 05 Issue: 03, pp.2812-2815, Impact factor 6.171.
16. **Raghu Palani** and Ganeshkumar Sundaramurthy, Dimensionless analysis of spray characteristics of Chicha oil methyl ester and diesel fuel in a spray chamber, Progress in Industrial Ecology – An International Journal, Vol. 11, No. 3, 2017 219 -226. Scopes indexed, Impact factor-0.43
17. **P.Raghu**, N.Nallusamy, Spray Characteristics of Biodiesel Fuel in Constant Volume Chamber using Multi-response Optimization Technique, Journal of Thermal Science Vol.25, No.6 (2016), pp.581-588, Impact factor 0.543, Annexure - I, Scopes indexed
18. **Raghu.P**, Nallusamy, N & Pitchandi, K 2015, 'Spray characteristics of diesel and derivatives in the direct injection diesel engines with varying injection pressures', Journal of Mechanical science and technology, vol,29,no.10, pp.4465-4471 (Thomson Reuters Impact factor 0.838) Annexure-I,(Scopus indexed).
19. **Raghu.P** & Nallusamy, N 2015, 'Study of spray characteristics of biodiesel using dimensionless analysis under non evaporating conditions', Transactions of mechanical engineering, vol.39,no,M2, pp.389-398. (**Impact factor 0.18**) **Annexure-I**, (Scopus indexed).
20. **P.Raghu** ,R. Parthiban, K. Pitchandi, N. Nallusamy, Multi response optimization of spray characteristics of biodiesel in constant volume chamber, Journal of Chemical and Pharmaceutical Research, 2016, vol. No 8(2) pp.726-732, Annexure – II
21. Ganesh Kumar.S **Raghu Palani**, Pitchandi.K, Nallusamy. N, spray characteristics of chicha oil methyl ester and Diesel fuel in a constant volume chamber, International Journal of Advanced Research in Basic Engineering Sciences and Technology, (IJARBEST), Vol. 3, Special Issue 33, March 2017, pp.122-128 (Impact factor 5.023)
22. S.Krishna Sagar, R. Sabarinath, R. Narendran, M. Gowtham, ,A.K.Boobalasesenthilraj, **Raghu.P** experimental investigation on fuel spray parameters and characteristics of diesel and Bio-diesel blend, International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST), Vol. 3, Special Issue 33, March 2017, pp.129-135 (Impact factor 5.023).
23. **Raghu.P**, Nallusamy, N & Pitchandi, K,' 2015, 'Experimental study on spray characteristics of biodiesel and diesel under ambient temperature conditions', International journal of applied engineering research, vol.10, no.8, pp.5943-5947. (Impact factor 0.13) Annexure-II,
24. **Raghu.P**, Devaraj, Srihari.N T.Sathidasan, 2015, Experimental investigation of diesel and biodiesel its blends by varying chamber pressure, Journal of applied engineering research, vol.10, no.7, pp.5800-5802, (Impact factor 0.13) Annexure-II
25. **Raghu.P**, Nallusamy, N & Pitchandi, K 2015, 'Spray characteristics of diesel and biodiesel fuels for various injection timings under non evaporating conditions', Applied Mechanics and Material, vol.787, pp.682-686. (Impact factor 0.15) Annexure-II
26. Vaibhav prakash, Praveen R, Sanjeev nivedan **Raghu.P**, Nallusamy, N 2015, Effect of various injection pressure on Spray characteristics of karanja oil methylester and diesel, DI Diesel engine , Applied Mechanics and Material, vol.787, pp.815-819. (Impact factor 0.15) Annexure-II.