

PUBLICATIONS

International Journals:

1. Ajeet Kumar, J.V. Tirkey and S.K. Shukla. Performance investigation of CI engine using empirical correlation for burning duration. *Thermal Science*, 2018; Vol.22, No.3:pp.1311-1323. **(Sci Expanded)**
2. J.V. Tirkey, Ajeet Kumar and S.K. Shukla. Comparative analysis of engine performance and emission characteristics of different biodiesel. *Biofuels*.2018; ISSN: 1759-7269; <https://doi.org/10.1080/17597269.2018.1432273>. **(Scopus)**

International Conferences:

1. Ajeet Kumar, S.K. Shukla and J.V. Tirkey. A Review of Research and Policy on Using Different Biodiesel oils as Fuel for C.I. Engine, 5th International Conference on Advances in Energy Research, ICAER 2015, 15-17 December 2015, Mumbai, India: *Energy Procedia* 90 (2016) 292 – 304. **(Elsevier, Scopus)**
2. Ajeet Kumar, S.K.Shukla and J.V. Tirkey. An experimental investigation on the performance and emissions characteristics of Neem biodiesel blends in constant speed VCR engine, SP-HCMCP 2016. (In Press) **(Elsevier, Scopus)**
3. Ajeet Kumar, S. K. Shukla, J.V. Tirkey, Life Cycle Assessment for the Production of Biodiesel in India, International Conference on Environmental Systems and Sustainable Development. 15-16 January, **2016**.
4. Ajeet Kumar, J.V. Tirkey, Tara Chand Kumar Maurya and S.K. Shukla. Prediction of Engine Performance and Emissions Characteristics of CI Engine with the Variation of Stroke/Bore Ratio. International Conference on

Advances in Thermal System, Materials and Design Engineering (ATSMDE – 2017) held on 21st – 22nd December **2017**, VJTI, Mumbai.

5. Mahesh V Srivastava, Abhishek Yadav, Ajeet Kumar, S.K.Shukla and J.V. Tirkey, Performance and emission characteristics of VCR engine using coconut biodiesel as a fuel, International Conference on GO GREEN to be held on 12th and 13th January **2017**, Pune. ISSN: 2350-0905, Page no.1-10
6. Rishi Ram, J.V.Tirkey and Ajeet Kumar. Effects of Neem biodiesel - diesel blend on a single cylinder naturally aspirated water-cooled variable compression ratio diesel engine, International conference on energy, communication, Data Analysis and Soft Computing (ICECDS 2017), 1st and 2nd August **2017**, Chennai, Tamil Nadu, India. ISBN: CFP17M55-PRT/978-1-5386-1886-8, Page no. 1-6.