

Dr. M. Venkatesan

List of publications

1. V. C. Sathish Gandhi, R. Kumaravelan, S. Ramesh, M. Venkatesan, M. Ponraj, (2014) "Performance Analysis of Motor Cycle Helmet under Static and Dynamic Loading", Mechanics and Mechanical Engineering - An International Journal, vol. 18 (2), pp. 85–96. ISSN: 14281511. (Scopus)
2. R. Kumaravelan, V. C. Sathish Gandhi, S. Ramesh, M. Venkatesan, (2014) "Rapid Prototyping applications in various field of Engineering and Technology", World Academy of Science, Engineering and Technology, International Science Index 87, International Journal of Mechanical, Industrial Science and Engineering, vol. 8(3), pp. 108-112, ISSN: 2010-376X. (Scopus)
3. V. C. Sathish Gandhi, R. Kumaravelan, S. Ramesh, M. Venkatesan, M. Siva Rama Krishnan, (2014) "An aerodynamic design and analysis of motor cycle helmet with anti-glare visor", Technical Journal, Vol. 8 (1), pp. 97-101. ISSN: 1846-6168.
4. M. Venkatesan, V. C. Sathish Gandhi, E. Janarthan, (2015) "Performance analysis of composite leaf spring in a defence sumo vehicle", Journal of Engineering Science and Technology, vol. 10 (5), pp. 680 - 691, ISSN: 1823-4690. (Scopus)
5. M. Venkatesan, N. S. V. Moorthi, A. Manivannan, R. Karthikeyan, V. C. Sathish Gandhi (2015) "Experimental investigation on hydrous methanol fueled HCCI engine using Spark assisted method", International Journal of Engineering, Transactions A: Basics, vol. 28 (7), pp. 1099 - 1107. ISSN: 1025-2495. (Scopus)
6. Venkatesan, M, Shenbaga Vinayaga Moorthi, N, Karthikeyan, R, & Manivannan, A. 2014, 'Experimental study on hydrous methanol fuelled HCCI engine using Air preheater assisted controlled auto ignition'. Transactions of FAMENA journal, Volume 38, No 2, pp. 53-66. (Scopus)
7. Venkatesan, M, Shenbaga Vinayaga Moorthi, N, Karthikeyan, R & Manivannan, A, (2014) 'Experimental Investigation on DEE assisted hydrous methanol fuelled HCCI engine'. Oxidation Communications journal, Volume 37, No 3, pp. 786-801. (Scopus)
8. Venkatesan, M, Shenbaga Vinayaga Moorthi, N, Karthikeyan, R & Manivannan, A. (2014), 'Dimethyl Ether as an Ignition Improver for Hydrous Methanol Fuelled Homogeneous Charge Compression Ignition (HCCI) Engine', World Academy of Science, Engineering and Technology, International Science Index 85, International Journal of Mechanical, Industrial Science and Engineering, 8(1), 244 – 249. (Scopus)

9. Venkatesan, M, ShenbagaVinayagaMoorthi, N, Arul Franco, P, Karthikeyan, R, &Manivannan, A 2015, 'Spark assisted HCCI engine using Hydrous methanol as a fuel- ANN Approach', DOI: 10.1002/bbb.1555;Biofuels, Bioprod. Bioref. Vol.9, pp. 344–357. (Scopus)
10. Venkatesan, M,ShenbagaVinayagaMoorthi, N, Arul Franco, P, Karthikeyan, R &Manivannan, A 2015, 'Hydrous methanol fuelled HCCI using Ignition improver CAI method- ANN Approach', Mechanics and mechanical engineering, vol.19, no. 1, pp. 31-49. (Scopus)
11. Venkatesan, M, Chandrasekar, M, Ravishankar, S, 2020, " Experimental Investigation on Seaweed (Sargassum Wightii) Derived using Methanolic Extracts", Journal of Clean Energy, (Accepted). (Scopus)
12. Venkatesan, M, IndraPriya, P, Chandramohan, P, Chandrasekar, V.C, 2020" A Fuzzy logic approach for performance analysis of HCCI engine parameters", Journal of Universal Computer Science, (Accepted). (Scopus)