

## 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)