

Name : **Dr. J. Venkatesan**

Qualification : M.E.,Ph.D

Designation : **Professor**

Department : Mechanical Engineering

Name of the Organization : **Sri Venkateswara College of Engineering**

Place : Sriperumbudur

E-mail Id : jvenkat@svce.ac.in

Mobile Number : 9444339292

Area of Interest : Thermodynamics, IC Engines, Heat Transfer, Heat Exchangers, Alternative fuels.

Pincode : 602117

### **Publications**

#### **International Journal**

1. Dhanesh. C, Anand. T and **Venkatesan. J**, "*Analysis of Bronze Hybrid Composite for Spark Ignition Engine Piston*" FME Transactions (July 2020) 48, 962-967
2. N. Rajamurugu and **J. Venkatesan**, Balaji Dhanapal and J. Anbarasi (Jan 2020), "*Experimental and Computational Flow Analysis of Geometrically Modified Solar Chimney Power Plant*", Journal of the Balkan Tribological Association - Computer Simulations [ISSN: 1310-4772], Vol. 26, No.1, pp. 57-68.
3. N. Tamiloli, **J. Venkatesan**, G. Murali, Shyam Prasad Kodali, T. Sampath Kumar and M. P. Arunkumar (Sep 2019), "*Optimization of end milling on Al-SiC - Fly ash metal matrix composite using Topsis and fuzzy logic*" SN Applied Sciences (Springer) ISSN: 2523-3973, Vol.1, Issue 10.
4. **Venkatesan. J**, Anitha. R and Sakthivel. E (May 2019), "*Cloud Assisted Auto Lane Recommender System using Object Detection Methodology*", International Journal of Emerging Trends and Advanced Engineering [ISSN: 2250-2459], Vol. 6, Issue 5, pp. 113-121.

5. N. Rajamurugu and **J. Venkatesan** (May 2019), "*Computational and Experimental Investigation of a Small Scaled Solar Chimney Power Plant*", Caribbean Journal of Science [ISSN: 0008-6452], Vol. 53, Issue 2, pp. 834-841.
6. Balasubramanian. A and **Venkatesan. J** (2018) , "*Investigation of Energy Availability for Vapour Absorption Refrigeration System from Engine Exhaust*", International Journal of Heavy Vehicle systems [ISSN: 1744-232X], 25(3), pp. 498-503.
7. Balasubramanian. A, **Venkatesan. J**, Suresh. S and Mariappan. V (April 2018) , "*Experiemntal Analysis of Triple Fluid Vapour Absorption Refrigeration System Driven by Electrical Energy and Engine Waste Heat*", Thermal Science-International scientific Journal [ISSN: 0354-9836], xx(x), pp. xxx-xxx.
8. Tamiloli. N and **Venkatesan. J** (2018) , "*Optimization of End Milling Process Using Taguchi Based Regression Modeling*", International Journal of Scientific Research and Review [ISSN: 2279-543X], 7(2), pp. 263-267.
9. Tamiloli. N, **Venkatesan. J** and Kumar T.S (Aug 2018) , "*A Comparative Study on Micro Hardness and wear of Uncoated and Coated End Milling Inserts*", International Journal of Mechanical and Production Engineering Research and Development [ISSN: 2249-6890], 8, pp. 287-291.
10. N. Rajamurugu and **J. Venkatesan** (Oct 2017), "*A Review on Solar Updraft Towers*", International Journal of Scientific Research Organization [ISSN: 2456-6942], Vol. 1, Issue 7, pp. 10-13.
11. Tamiloli. N and **Venkatesan. J** (Dec 2016) , "*Investigation on Effect of Machining Parameters of End Milling on Surface Finish and Temperature Using Taguchi Technique*", Journal of Manufacturing Science and Production [ISSN: 2191-0375], 16(4), pp. 255-261.
12. N. Tamiloli, **J. Venkatesan** and G. Mohammed Thalib Basha (July 2016), "*Study of Corrosion Behaviour of Tungsten Carbide, Aluminium Chromo Nitride Coated and Diamond Like Carbone Coated End Milling Insert*", International Journal of Chem Tech Research [ISSN: 0974-4290], Vol. 9, No. 7, pp. 242-247.
13. S. Arumugam, K. Pitchandi and **J. Venkatesan** (March 2016), "*Experimental and Mathematical Modelling in a DI-CI Engine with Spherical and Toroidal Combustion Chambers*", TERI Information Digest on Energy and Environment [ISSN: 0972-6721], Vol. 15, No. 1, pp. 11-17.

14. N. Tamiloli, **J. Venkatesan** and B. Vijaya Ramnath (2016) , "*A Grey-Fuzzy Modeling for Evaluating Surface Roughness and material Removal Rate of Coated End Milling Insert*", Measurement (Elsevier) [ISSN: 0263-2241], Vol. 84, pp. 68-82.
15. K. Asogan and **J. Venkatesan** (2015), "*Theoretical Investigation on Combustion with Preformed Vortex Patterns*", Applied mechanics and materials [ISSN: 1660-9336], Vol.812, pp. 44-50.
16. **J. Venkatesan**, D. Balasubramanian and D. Balaji (2015), "*Effect of Charge Cooling on Engine Performance and Emission*", International Journal of Applied Engineering Research [ISSN: 0973-4562], Vol.10, Issue 63, pp. 216-221.
17. M. Ayyappan, M. Gajendran, A. Balasubramanian, **J. Venkatesan** and N. Nallusamy (2015), "*Performance of Latent Heat Solar Thermal Energy Storage System*", International Journal of Applied Engineering Research [ISSN: 0973-4562], Vol.10, Issue 63, pp. 192-195.
18. M. Mohandass, **J. Venkatesan** and N. Nallusamy (2015), "*Influence of Cooling Rate on Fatigue Behaviour of Eutectic Al-Si (A413) Alloy Casting*", Applied mechanics and materials [ISSN: 1660-9336], Vol.787, pp. 490-494.