

Name : SARATH KUMAR R
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Designation : Assistant Professor
Degree (highest degree with year of graduation) : M.Tech, 2016
Experience : Industry : Academic : 3
Specialization : THERMAL
Research Area : Heat transfer, Turbomachinery.



Publication details:

- Sarath Kumar R, MichaPremkumar T, Seralathan S, Hariram V, “Numerical Analysis of Different Blade Shapes of a Savonius Style Vertical Axis Wind Turbine” International journal of renewable energy and research”, Vol. 8, 3, pp.1658-1666, September 2018.
- Dominic Xavier D, Sarath Kumar R, “Decay characteristics of supersonic nozzle issuing from CD nozzles with triangular grooves”, International journal of mechanical engineering and technology, Vol. 8, pp.449-456, November 2017.
- Sarath Kumar R, Dr. T. MichaPremkumar, Dr.S.Seralathan, “Numerical Investigation on modified Bach type vertical Axis wind turbine”, Applied Mechanics and Materials, Vol. 852, pp.551-557, September 2016.
- Senbagan, Sarath Kumar R, Dominic Xavier D, Augmentation of poisson’s ratio, International Journal of Vehicle structures and systems. November 2018.

Funded project details:

- **SERB TARE**(Teachers Associatship for Research Excellence), 3 yrs, 15,00,000 INR.

Conference attended/organized:National Conference on Aerospace technology, September 2018

Workshop attended/ organized:

- Participated in workshop in computer workstation ergonomics in HITS.
- Participated Aero modelling workshop in Park College of Engineering.
- Participated in International workshop on Wave Detonation engine in HITS.

Seminar attended/organized:

- Participated Three days seminar on “**Renewable Energy Method**” conducted by AGNI College of Engg, Trichy, during Jun 2013.
- Participated one day seminar on “**Future Engineering**” conducted by MAM School of Engineering, Trichy, during May 2015.
- International seminar on space odyssey, February 2017.
- Seminar on Aircrash Investigation in HITS.
- International Seminar in Space Odyssey in HITS.

