

D.R.RAJENDRAN

Associate Professor

Contact Information

Official No. : 044-43923113

Personal No.: 9445405669

Educational Quaification

M.E. Computer Aided Design

Ph.D (Pursuing)

In Easwari

Since 15 June 2017

Professional Experience

He has 10 years of teaching experience in handling undergraduate and postgraduate students. He also has 13 years of Industrial experience at various levels and life member in ISTE.

He is working is the

Research Interest

His research areas include Experimental work on Solar parabolic Dish Collector , Application of CFD in solar Receiver design and analysis.

Recent Publications

National Conferences:-

1. Presented a paper titled “Design and Analysis of Solar Reflector and Receiver by maximizing areas” conducted by Sathiyabama University, Chennai, on 2010.
2. Presented a paper titled Materials used for Solar Thermal Power Plants- A comparative study conducted by Saveetha Engineering College, Chennai on March 2012.
3. Presented a paper titled “Experimental study on solar receivers by experimental investigation and validation through CFD analysis” at ERAMS 2015., conducted by Velammal Engineering college, Chennai..

Inter National Conferences:-

1. Presented a paper titled “Studies on Suitability of Heat Exchanger to Solar Receivers for Solar Thermal Power Applications” organized by IIT Bombay, Mumbai.
2. Presented a paper titled “Development and Analysis of Solar Gas Turbine” at ICP2015 by jointly organized by Anna university and IIT Madras.



3. Presented paper titled “Performance stud on Solar Receiver” Organized by Sri Sairam College of Engineering AND IFERP, Anekal-Bangalore.

International Journals;-

1. Published a paper titled “Studies on suitability of Heat Exchangers for Solar Receivers- Experimental, Simulation and Numerical Investigation”. In the journal of Energy Procedia, Published by ELSEVIER.
2. Journal paper tilled ‘Experimental Studies on the Thermal Performance of a parabolic dish Solar Receiver with the Heat Transfer Fluid SiC + Water Nano Fluid and Water,’ has been published on line in the Journal of Thermal Science Vol.26, No.3 (2017) 263-272 with DOI: 10.1007/s11630-017-0938-3 and Article ID: 1003-2169(2017)03-263-10.
3. Journal paper tittled, ‘Experimental Studies on the Effect of Enhanced Thermal Conductivity of SiC+Water Nano Fluid in the Performance of Small Scale Solar Parabolic Dish Receiver, ‘ with DOI;