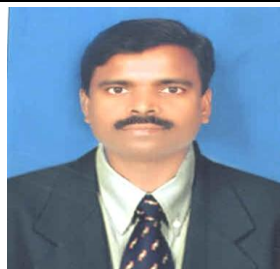


Dr. S Ravi Kumar



Name :Dr.S. Ravi Kumar

Designation : Dean Accreditation

Total Experience : 20 years

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Specialization

Heat Transfer

Academic Qualification

B.Tech Mechanical Engineering

M.Tech Thermal Engineering

PhD Heat Transfer

Total Teaching Experience

20 years

International Journals:

1. Ravi Kumar Sangewar ,”Experimental Investigation on Heat Transfer Characteristics of different Metallic Fin Arrays”
Journal of IE(I) Springer Publisher Vol 98 issue 5 pp(234-243) 2017.

2. Ravi Kumar Sangewar “Performance Evaluation of an Arbitrary Profiled Vertical Fin in Non Newtonian Medium”,
Journal of Thermal Engineering and Applications, Volume 3, Issue 3 pp 23-31,2016

3. Ravi Kumar Sangewar “Performance Evaluation Of Solar Refrigeration System Using the Numerical Methods”, Journal
of
Refrigeration Air Conditioning Heating and ventilation, Volume 4 Issue 1 pp23-31, 2016

4. Ravi Kumar Sangewar “Analysis of a medium temperature Organic Rankine cycle for various mixtures of organic fluids”
Research and Review Journal of Ecology, Vol 3, Issue 2 pp18-26 ,2016.

5. Siddhath Chakrabarthy Ravi Kumar Sangewar “A Mathematical modeling and simulation for reduction in thermal losses
by painting DRI Kiln” International Journal of Scientific and Engineering Research Volume 5 Issue 4, 2016

6. Ravi Kumar Sangewar “Enhancement of Thermal Efficiency Using Hemispherical Protrusions on Solar Air Heaters”
International Journal of Energy for a clean Environment, Begell house USA. Volume 15 Issue 1 pp19-33, 2014.

7. Ravi Kumar Sangewar “Natural convective heat transfer on an extended surface with optimum geometries in non
–Newtonian fluid” international Journal of Scientific and Engineering Research Volume 5 issue 3 pp 346-354.

Dr. S Ravi Kumar

Publication Details	8. Ravi Kumar Sangewar “Numerical Analysis for Rate of Heat Transfer and optimal dimensions of a Circular Fin with Hyperbolic profiles”
	9. Ravi Kumar Sangewar “Prediction of Temperature Distribution of Spine Fins with Arbitrary Profiles” Journal of Enhanced Heat Transfer, Begell House USA, Volume 15 Issue 4 pp351-359.
	International Conferences:
	1. Numerical investigations of a spine fin with all regimes of boiling heat transfer”. 22th National and 11th International ISHMT-ASME Heat and Mass Transfer Conference December 28-31, 2013, IIT Kharagpur, India HMTC1300743
	2. Enhancement of Thermal Efficiency Using Hemispherical Protrusions on Solar Air Heaters International conference on Energy and Environment JNTU”, Hyderabad 15-17, December 2014.
	3. Influence of Bed to wall heat transfer in a circulating fluidized combustion in cluster energy balance in thermal power plants Advances in Steel, Power and Construction Technology” at Raipur (Chhattisgarh), India during March 22-23, 2017 in association with Association for Iron & Steel Technology (AIST) USA.
	4. Waste Heat recovery systems in super thermal power plants Advances in Steel, Power and Construction Technology” at Raipur (Chhattisgarh), India during March 22-23, 2017 in association with Association for Iron & Steel Technology (AIST) USA.
	5. Performance analysis of a vortex tube cooler and its utilizations in thermal power plant Advances in Steel, Power and Construction Technology” at Raipur (Chhattisgarh), India during March 22-23, 2017 in association with Association for Iron & Steel Technology (AIST) USA
	6. Effect of Temperature Change on Overall Efficiency of the Thermal Power Plant Working on Organic Rankine Cycle”1st International conference on advances in steel, power and construction technology January 14-15, 2015.
	7. Utilization of phase change materials in absorption of solar energy”. International conferences on advances in steel, power and construction technology” 2nd International conference on advances in steel, power and construction technology O.P. Jindal Institute of Technology Raigarh, march 2016.
	8. Study of the effect of erosion on Pelton runner caused by silt contaminated water and methods to avoid downtime”. II International conferences on advances in steel, power and construction technology O.P. Jindal Institute of Technology Raigarh, march 2016.
9. Temperature Distribution and Heat Transfer Rate from a Circular Fin with Hyperbolic Profile using Finite Difference Methods. 15 ISME International Conferences. March -2008,RGTU, Bhopal	
10. Temperature Distribution and Heat Transfer Rate from a Vertical Parabolic Fin in a Non Newtonian Ambient Medium. 15 ISME International Conferences. March -2008, RGTU, Bhopal.	
11. Fin Subjected to Boiling Heat with a Variable Heat Transfer Coefficient. NCAME-2008Jan-2008, PVSST Engineering College Vij.AP Jan-2008.	
Key Initiatives	1. MOU with Center for Rapid prototyping of Osmania University (HYD)
	2. Established the Institutional chapter of ISTE at Jindal Institute
	3. Established student’s chapter of SESI at OPJU.
	1. ISTE, CGCOST and CREDA funded one week workshop on “Recent Development in Renewable energy Technology” from 30th Nov 2015 to 05th Dec 2015.
	2. JSPL sponsored Third international conference on the “Advances in Steel Power and Construction Technology” from 22nd March 2017 to 23rd March 2017.

Dr. S Ravi Kumar

Workshops / Seminars / Conferences / Training Programs Attended

3. One day workshop on Opportunities and Innovations in Renewable Energy Technologies Supported by SESI and CREDA on 10th Oct 2017.
1. Attended Two weeks ISTE workshop on Fluid Mechanics conducted by Indian Institute of Technology Kharagpur from 20th to 30th May 2014
2. Attended Two weeks ISTE workshop on Research Methodologies conducted by OPJIT from 6th to 20th May 2013.
3. Attended Two weeks ISTE workshop on Engineering Mechanics conducted by Indian Institute of Technology Bombay from 26th Nov to 06th Dec 2013.
4. Attended Two weeks ISTE e seminar on steps to Research organized by Amal Jyothi college of Engineering Cochin on 19th and 20th September 2014.
5. Attended Catia V5 R18 and ANSYS 14. (1st June 2013 to 15th June 2013) MSME IDTR Jamshedpur.
6. Attended Advances in Solid works (14th July 2014 to 30th July 2014) MSME IDTR Jamshedpur.