

<b>Name</b>	R.VASANTHAKUMAR			
<b>Designation &amp; Department</b>	AP & MECHANICAL ENGINEERING			
<b>Qualification</b>	M.E.,			
<b>Area of Specialization</b>	THERMAL POWER			
<b>Date of Joining (KSR IET)</b>	03-06-2013			
<b>Experience (as on 31.01.2020)</b>	<b>Teaching :15 Years 6 Months</b>	<b>Industry : Nil</b>	<b>Others : Nil</b>	
<b>Number of Papers Published</b>	<b>National Journals : Nil</b>		<b>International Journals : 05</b>	
<b>Number of Papers Presented</b>	<b>National Conferences : 03</b>		<b>International Conferences : 05</b>	
<b>Books Published</b>	<b>National Publisher : Nil</b>		<b>International publisher : Nil</b>	
<b>Contact Details</b>	<b>Email : <a href="mailto:mrvasanth@ksriet.ac.in">mrvasanth@ksriet.ac.in</a> Mobile : 9865019515</b>			

### **Publications (International Journals)**

1. **R.Vasanthakumar**, Design and analysis of formula-3 frame, International Journal of Engineering Science and Computing Vol-9:Issue-3, ISSN-2321-2019
2. **R.Vasanthakumar**, Heat transfer enhancement of solar water heater using various tape inserts, International journal of science and Engineering Vol-1: Issue-1ISSN-2454-2016
3. R.Sasidaran, P.Murugesan, **R.Vasanthakumar**, Study of airflow through modified HVAC ducts in a multi utility vehicle using CFD software-International journal for research in mechanical engineering-Vol-3: issue 042016.
4. AVT Shubhash, **R.Vasanthakumar** , CFD Investigation of Heat Transfer Enhancement in Flat Plate Solar Collector using Various Cross Sectional Inserts- IJSRD - International Journal for Scientific Research & Development| Vol. 3, Issue 03, 2015 | ISSN (online): 2321-0613
5. AVT Shubhash, **R.Vasanthakumar** , CFD analysis of flat plate solar collector for heat transfer enhancement using various insets International Journal of Applied Engineering Research ISSN 0973-4562 Volume 10, Number 19(2015)

### **Publications (National Journals)**

**Nil**

### **Publications (International Conferences)**

1. R.Vasanthakumar, P.Navaneethakrishnan, **Study of heat transfer through solar water heater with various inserts**, proceedings of the International Conference in Synergistic Evolutions in Engineering(ICSEE), Surya Engineering college, Erode on 04 & 05<sup>th</sup> March2015.
2. R.Vasanthakumar, P.Navaneethakrishnan, **CFD analysis of solar water heater with various inserts**, proceedings of the International Conference on evolution of Topical InMechanical Engineering (e-TIME 2016) at Vidyaa Vikas College of Engineering and Technology, Tiruchengode on 12<sup>th</sup> April2016.
3. R.Vasanthakumar, P.Navaneethakrishnan, **Enhancement of Heat transfer in solar water heater with nano fluids**, proceedings of the International Conference on Advancement in Science, Engineering, Technology & Management-2016 (ICASETM'16) held at M.P.NachimuthuM.Jaganathan Engineering College, Chennimalai, Erode on 16<sup>th</sup> April2016.
4. R.Vasanthakumar, P.Navaneethakrishnan, **“Analysis of Heat Transfer through Solar Water Heater with various inserts”** International conference on Advancements in Science, Engineering, Technology & Management-2017 (ICASETM'17) held at M.P.NachimuthuM.Jaganathan Engineering College, Chennimalai, Erode on 25<sup>th</sup> March 2017.
5. R.Vasanthakumar, **“ Heat and Friction Factor Characteristics of variant twistedtape fitted in a double pipe heat exchanger”** International conference on Modern Engineering, Science and Technology held at Dr.Kalam Institute of Engineering Research, Chennai on 17<sup>th</sup> February 2020.

### **Publications (National Conferences)**

1. R.Vasanthakumar, **Integration of Renewable and non renewable fuels for environmental friendly analysis**, Proceedings of the national Conference on Development-Cum-Environment Friendly Future Industrial Fuels (DEFIF), Kumaraguru college of Technology, Coimbatore. [2005] pp45-48
2. R.Vasanthakumar, **Modeling of Generator in vapour absorption Refrigeration system**, Proceedings of the national conference on advances in Mechanical Engineering (AIMS), Sengunthar College of Engineering, Tiruchengode [2010] pp110-115.
3. R.Vasanthakumar, S.Ravi, **CFD based thermal analysis of hotel kitchen Environment for Ergonomics Designs**, Proceedings of the national conference on advances in civil and mechanical engineering (ACME), Sengunthar College of Engineering, Tiruchengode [2012]pp67-72.

### Books /Instruction materials/monographs published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Nil			

### Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	Nil			

### Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.			Nil	

### Consultancy Activities (Industry)

S.No	Title of the Project	Name of the Company
1.	Nil	

### Training Offered Nil

### Membership in Professional Bodies

- Indian Society for Technical Education (ISTE) - Life Member (LM77215)

### Subject Link

#### (Renewable Energy Sources)

1. <https://drive.google.com/file/d/1SejSj2LNNdiAh3tdvH9BH36QqaksWwEg/view?usp=sharing>
2. <https://drive.google.com/file/d/14jUdG131VhpOxhxAqZXw-B33M31JSYhg/view?usp=sharing>
3. <https://drive.google.com/file/d/1cFr8-Z4sBVYQCMxEUnzsTAIf4OSpr6hd/view?usp=sharing>