

## Faculty Profile - Model

1. Name of the faculty with Qualification :R. VIGNESHKUMAR, M.E
2. Age & Date of birth :29 & 25.11.1986
3. Designation :ASSISTANT PROFESSOR



Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.E	Mechanical Engg	2008	Einstein college of Engineering	Anna university chennai	81%	First
PG	M.E	Energy Engg	2012	National Engineering college	Anna university chennai	8.59/10	first-distn
Ph.D.							

4. Academic Experience as on 01.06.16 :

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
National Engineering College, Kovilpatti	Assistant professor	19-06-2013	Till date	3	00	00
Sri Vidya College of Engineering & Technology, Virudhunagar	Assistant professor	03-08-2012	18-06-2013	0	10	15
P.S.R Engineering College, Sivakasi	Lecture	08-06-2009	30-04-2010	0	10	08
Total				4	8	23

5. Area of Expertise : THERMAL ENGINEERING

6. Name of the Courses handled for the last 5 years (2011-12 to 2015-16) :

Courses Title	No of Times handled
UG	
1. Heat and Mass Transfer	2
2. Thermal Engineering	2
3. Gas Dynamics and Jet Propulsion	1
4. Power plant Engineering	2
PG	
1. Waste Energy Management	1
2. Solar Energy Utilization	1
3. Energy Planning Conservation and Management	1
4. Design of Heat Exchanger	2

7. Research Area : SOLAR THERMAL

8. Ph.D work and publications : Not Yet Started

9. Progress after Ph.D : NA

10. Details of Project guided (BE and ME) : List with outcomes

Project Work	Out Comes
<b>B.E Main Project:</b>	
1. Design and Fabrication of solar tunnel dryer for agricultural products	Nil
2.	
3. Performance improvement of single slope stepped absorber plate using wicked coconut disk.	Under Journal Preparation
4. Performance enhancement of semi cylindrical solar still using atomizer	Under Journal Preparation
<b>M.E. Project Work:</b>	
1. Performance Analysis Of An Inclined Type Solar Still By Varying Different Wick Materials And Wire Mesh	Desalination vol (358) P.no 1-8
2. Experimental Investigation on Solar generation System using pressurized hot water and thermal energy storage.	Presented in National Conference
3. Performance Investigation Of Forced Convective Solar Air Dryer With Thermal Energy Storage Material	Presented in National Conference

11. Research Publication details :

List of faculty publications along with date of issues DOIs and publication/SCI impact factor details for the last 5 years (2011-12 to 2015-16)

Conference	Conference Title	Title	Year
National	Recent Trends in Mechanical Engineering	Experimental Investigation on Solar generation System using pressurized hot water and thermal energy storage	2015
National	Recent Advances in Mechanical Engineering	Performance Investigation Of Forced Convective Solar Air Dryer With Thermal Energy Storage Material	2016

12. Details of R&D Projects : ~~Completed / Ongoing Projects/ status and outcomes~~

13. Details of Consultancy Projects : ~~Completed / Ongoing Projects/ status and outcomes~~

14. Faculty interaction with outside world :

(Please attach proof)

Workshop	Organized by	Title	Year
One day	Anna University, Chennai	Advances in Energy Storage for Energy Management and Broader Use of Renewable Sources	2014

15. Professional society activities, events, conferences organized:

- Member in INSTITUTION OF ENGINEERS (IE)

16. Professional society activities, events, conferences attended : Nil

17. FDP, Short term courses, workshops, seminar arranged :

- Organized a **MNRE funded** one day National level seminar on Next Generation Technologies for Sun-Wind Energy Conversion

18. FDP, Short term courses, workshops, seminar attended :

S.No	Title	Program	Period	venue
1	New Frontiers and Advancements of Tribology	Workshop	25.02.2014	NEC

2	Solar Photovoltaic and Thermal Energy: State of Art Technology for rural development	Seminar	11.03. 2016	NEC
3	Advances in Industrial Tribology	Seminar	11.02.2015 and 12.02.2015	NEC
4	National Programme on Technology Enhanced Learning	Workshop	13.03.2015	NEC

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19. List of course module developed : Nil
20. Records of new program specific facility created by faculty : Nil
21. Faculty Intellectual Property Rights (FIPR) applied : Nil
22. Laboratories/research facilities established : Nil
23. Any other informations/special achievements : Nil