

## Faculty Profile - Model

1. Name of the faculty with Qualification : R.Vijayakumar, M.E
2. Age & Date of birth : 27& 19.04.1989
3. Designation : Asst.Professor
4. Experience in NEC as on 01.06.16 : 3 years 24days  
(With joining Date in NEC)
5. Area of Expertise : Solar Thermal
6. Name of the Courses handled for the last 5 years (2011-12 to 2015-16) :



Courses Title	U.G. or P.G.
Engineering Graphics, Environmental Engineering, Power plant Engineering, Utilization of Solar Energy	U.G
Advanced Thermal Systems	P.G

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  
 Scholars Completed M.E. : 1  
 Outcome: presented a paper in international conference  
  
 Scholars Completed B.E. : 3

11. Research Publication details :

List of faculty publications along with date if issues DOIs and publication/SCI impact factor details for the last 5 years (2011-12 to 2015-16)  
 Separate list for national and international journals and conferences.

Conference	Title	Year
International	Performance Study of Integrated solar water heater with Asymmetric compound parabolic concentrator	2015
National	Performance Evaluation of Hybrid Photovoltaic Thermal Solar Tunnel Dryer	2013

12. Details of R&D Projects : Nil

13. Deatils of Consultancy Projects : Nil

14. Faculty interaction with outside world : Nil

(Please attach proof)

15. Professional society activities, events, conferences organized: Member in INSTITUTION OF ENGINEERS, Organized two days national symposium for students.

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

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

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

S.No	Title	Period	venue
1	Research opportunities in Solar Thermal	12 <sup>th</sup> Dec 2012	NEC
2	FDP on Engineering Mechanics	16-22 <sup>nd</sup> Dec 2013	NEC
3	CAN BUS implementation practice for mechanical engineers	25&26 <sup>th</sup> July 2013	NEC
4	Total Quality management for professional excellence	22 & 23 <sup>rd</sup> Nov 2013	Ponjesley Engg. College
5	Next Generation technology for SUN-WIND Conversion	28 <sup>th</sup> Feb 2014	NEC
6	Solar Photovoltaic and Thermal Energy: State of Art Technology for rural development	11 <sup>th</sup> March 2016	NEC

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