

Faculty Profile



1. Name of the faculty with Qualification : P.SAMUEL PONRAJ, M.E.,
2. Age & Date of birth : 25 & 02.04.1991
3. Designation : Assistant Professor
4. Experience in NEC as on 01.06.16 : 2 Years
(With joining Date in NEC)
5. Area of Expertise : Thermal Engineering
6. Name of the Courses handled for the last 5 years (2011-12 to 2015-16) :

Si.No.	Academic Year	Course Code	Courses	UG/PG
1.	2014-2015	13ME33	Engineering Thermodynamics	UG
2.	2014-2015	EEE3F	Fuel cells and Hydrogen Energy	PG
3.	2014-2015	SH108	Engineering Practices Laboratory	UG
4.	2014-2015	BME020	Heat Exchanger design	UG
5.	2014-2015	BME019	Advanced Internal Combustion Engines	UG
6.	2015-2016	13ME33	Engineering Thermodynamics	UG
7.	2015-2016	13ME51	Thermal Engineering	UG
8.	2015-2016	13ME58	Thermal Engineering Laboratory	UG
9.	2015-2016	13ME42	Fluid Mechanics and Machinery	UG
10.	2015-2016	13ME61	Heat and Mass Transfer	UG
11.	2015-2016	13ME47	Fluid Mechanics And Machinery Laboratory	UG

7. Research Area : Thermal
8. Ph.D work and publications : Nil
9. Progress after Ph.D : Nil
10. Details of Project guided (BE and ME) :

ADVANCED ENGINE OIL INDICATION SYSTEM IN TWO WHEELER (2015-2016)

11. Research Publication details : National Conferences

Si.No.	Paper Title	Conference Title	Venue	Date
1.	Evaluation of Calotropis	RAIME'12	Maria College of Engineering and	25.01.2012

	Gigantea fiber reinforced composite		Technology, Kanyakumari	
2.	Trend of Reinforcing Mudar Fiber in Composite material	Trends and development in aeronautical and avionics engineering	Adhiyamaan college of engineering, Hosur	23.01.2012 & 24.01.2012
3.	Impact test of Mudar Fiber Reinforced composite.	Materials, mechatronics elements and manufacturing	Sri Krishna college of Engineering and Technology, Coimbatore.	25.02.2012
4.	Reinforcement and testing of Mudar fiber in Polymer composite,	Advances in computing, control, communication, Automation and Structural Engineering.	Al-Ameen Engineering College, Erode	10.03.2012
5.	Analysis of Heat Transfer Enhancement in Heat Exchangers using Nano fluids	Latest Inventions in mechanical Engineering	Kalaivani College of Technology, Coimbatore	28.02.2014
6.	Analysis of Heat Transfer Enhancement in Heat Exchangers using Nano fluids	Emerging Trends in Mechanical Engineering	Satyam College of Engineering & Technology, Kanyakumari	13.03.2014

12. Details of R&D Projects : Nil

13. Details of Consultancy Projects : Nil

14. Faculty interaction with outside world : Nil

15. Professional society activities, events, conferences organized:

Si.No	DATE	PROGRAM
1	03.07.2015	Orientation Program
2	29.07.2015	Inaugural Function
3	29.01.2016 & 30.01.2016	AUTOMANIAC' 16 Two day Intra college workshop
4	03.03.2016, 04.03.2016, 05.03.2016	ARCUEZ' 16

16. Professional society activities, events, conferences attended:

Associate member of The Institution of Engineers(India)

Membership Number: AM161676-8

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

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

Si.No.	Title	Date	Venue
1	A walk with NANO'S CALOR TRANSPORT	21.10.2013 & 22.10.2013	Anna University, Trichy
2	Solar Photovoltaic and Thermal Energy: State of Art Technology for rural Technology	11.03.2016	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 : Nil