

## FACULTY PROFILE

Name : K.Natarajan  
Designation : Assistant Professor  
Email ID : natarajan.eee@srit.org  
Area of Specialization : Power Electronics & Drives, Embedded Systems,  
Renewable Energy Systems.



Total Experience : Academic : 6 Years and 2 Months  
Industry : Nil

### Educational Qualification:

Degree	Branch / Specialization	College	University
M.E.	Electrical Machines	PSG College of Technology, Coimbatore.	Anna University
B.E.	Electrical and Electronics Engineering	Sri Ramakrishna Institute of Technology, Coimbatore.	Anna University

### Experience Details:

S.No	Institution	Design.	Experience		Total Years & Months
			From	To	
1	Sri Ramakrishna Institute of Technology, Coimbatore.	Assistant Professor	07.02.2015	Till Date	1 Year
2	RVS College of Engineering and Technology, Coimbatore	Assistant Professor	01.06.2011	05.02.2015	3 Years 8 Months
3	Maharaja Institute of Technology, Coimbatore.	Lecturer	01.06.2010	31.05.2011	1 Year
4	VLB Janakkiammal Polytechnic College	Lecturer	09.12.2009	31.05.2010	5 Months
<b>Total (as on Feb 2016)</b>					<b>6 Years 2 Months</b>

**Publications** :

**Journals** : 2

1. T. K. Santhosh, K. Natarajan, Dr.C. Govindaraju, " Synthesis and Implementation of a Multi-Port DC/DC Converter for Hybrid Electric Vehicles", Journal of Power Electronics, 2015, Vol. 15, No. 5, pp. 1178-1189.
2. K. Maharaja, P. Pradeep Balaji, K. Natrajan and S. Sangeetha, "Solar PV Fed Current Pumped Battery Charger", Middle-East Journal of Scientific Research,2015, Volume 23, Issue 9 and pp. 2270-2277

**International Conferences: 2**

1. S.S.Sivaraju, K.Natarajan, "Optimal Design of Three Phase Induction Motor Enhancing Efficiency", International conference-2011,RVS College of Engineering and Technology, Coimbatore.
2. K.Natarajan, Dr.C.Govindaraju, "A Standalone Fuel Cell Converter for Domestic Load", International conference-2014, Government College of Engineering,Salem.

**Seminar, Conference, Workshop Organized:**

S.No.	Title	Duration	Level (Intern./National)
1	Introduction to Research Methodology	25th June to 4th July,2012	National Level as Remote Center coordinator & Workshop Coordinator
2	Aakash for Education	10th .11th November 2012	National Level as Remote Center coordinator
3	Analog Electronics	4th to 14th June 2013	National Level as Remote Center coordinator & Workshop Coordinator
4	Steps to Research	19th 20th September 2014	National Level as Remote Center coordinator
5	Engineering Thermodynamics	11th TO 21st December 2012	National Level as Remote Center coordinator
6	Engineering Mechanics	26th November to 6th December,2013	National Level as Remote Center coordinator
7	Database Management Systems	May 21st to 31st 2013	National Level as Remote Center coordinator
8	Control Systems	2nd to 12th December,2015	National Level as Remote Center coordinator
9	Signals and Systems	2nd to 12th January,2014	National Level as Remote Center coordinator

**Seminar, Conference, Workshop Attended:**

S.NO.	Organizing Institution	Venue	Title	Date(s)
1	IIT Bombay	PSG College of Technology	2-Week ISTE workshop on Solar Photovoltaics: Fundamentals, Technologies and Applications	12th - 22nd December 2011
2	IIT Bombay	Bombay	Coordinator workshop on Introduction to Research Methodology	13th to 15th June 2012
3	IIT Kharagpur	Kharagpur	Coordinator workshop on Analog Electronics	1st to 5th April 2013
4	Government College of Technology	Coimbatore	FDP on Technical software for Renewable Energy Sources	11th - 16th August 2014
5	Government College of Technology	Coimbatore	FDP on Research Issues in Renewable Energy Systems	25th - 31st May 2015

**Membership in Professional Bodies:**

1. ISTE
2. IAENG

**Contributions to the Institution, Department and Society:**

1. Aakash Project Coordinator for Aakash project, IIT Bombay.
2. Undergone Energy Auditor Training in Foretec Engineers, Coimbatore.

**Awards and Recognitions:**

1. Secured V<sup>th</sup> place in International level Alternate Energy Research Contest held at Government College of Technology, Coimbatore on 3rd September 2105.