

FACULTY PROFILE

Personal Details:

Name M.RAMACHANDRAN
Department ELECTRICAL AND ELECTRONICS ENGINEERING
Designation ASSISTANT PROFESSOR
Experience 9.5 YEARS
Area of Interest POWER SYSTEMS

Education:

Degree	Specialization	Year	College	University
M.E	Power Management	2013	Anna University of Technology Madurai	Anna University Chennai.
B.E	EEE	2009	Sree Sowdambika College of Engineering	Anna University Chennai

Work Experience:

Sl.No	Name of the Institution / Industry	Position held	Period		Total Experience as on 1.7.2013
			From	To	
1.	VSVN Polytechnic College	Lecturer	10-05-2010	12-08-2011	1 Y 3 M 2 D
2	PSN College of Engineering and Technology	Assistant Professor	18-08-2011	27-12-2013	2 Y 4 M 9 D
3	Renganayagi Varatharaj College of Engineering	Assistant Professor	2-1-2014	26-11-2016	2 Y 10 M
4	VSB Engineering College,Karur	Assistant Professor	13-3-2017	25.09.19	2 Y 6 M
5	Sree Sowdambika college of Engineering	Assistant Professor	01.07.19	Till date	3 months

Key Publication:**Journal Publication:**

Journal Name	ISSN Number	Paper Title	Volume
<i>IOSR-JEEE</i>	2320-3331	Simulation And Hardware Analysis Of Three Phase PWM Rectifier With Power Factor Correction	<i>Volume 8, Issue 1 (Nov. - Dec. 2013), PP 27-33</i>
<i>IJSEA</i>	2319-7560	A Review on Basic Concepts and Important Standards of Power Quality in Power System	<i>Volume 4 Issue 5, 2015</i>
<i>IJESC</i>	2250-1371	Power Quality improvement by using Shunt Active Power Filter.	<i>Volume 8 Issue 3 March 2018</i>
<i>IJSCE</i>	2231-2307	Optimization Techniques for improved Power Factor and Energy Efficiency	<i>Volume-8 Issue-4, November 2018</i>
<i>JETIR</i>	2349-5162	Matrix Converter Based Series Compensator For Mitigating Power Quality Disturbances	<i>September 2018, Volume 5, Issue 9</i>
Asian Journal of Electrical Sciences	2249 – 6297	Reduction Of Source Current And Source Voltage Harmonics Using SHAPF	<i>Vol. 7, No. 2, 2018, pp. 65-69 December 2018</i>

Conference Publication:

Conference Name	National/International	Paper Title
<i>NCETET'13</i>	National	Matrix converter Based Series Compensator For Mitigating Power Quality Disturbances.
<i>IRCSI'13</i>	National	Matrix Converter Based DVR for Bidirectional Power flow to mitigate Voltage Sag

Seminar Attended:

- Participated in two days National Level Technical Seminar on “APPLICATION OF ARTIFICIAL INTELLIGENCE TECHNIQUES IN RENEWABLE ENERGY SYSTEMS”. Organized by National College of Engineering during 20th and 21th January 2012.
- Participated in FDP on “SIMULATION AND ANALYSIS OF POWER SYSTEM USING MiPOWER. Organised by Kalasalingam University in association with Tridax Engineering Software Pvt Ltd Kochi during 8th and 9th June 2015.
- Participated in FDP on “RECENT ADVANCES IN RENEWABLE ENERGY SYSTEM AND MICRO GRID APPLICATION. Organised by K.L.N College of Engineering during 7th and 8th July 2017.

Certification:

Name: Introduction to smart grid

Organization: IIT Roorkee

Date: Jul-Sep 2019 (8 weeks)

Professional Membership:

Name: ISRD (International society for research and Development)

Membership No: M4150905291

Type: Life time member