Faculty Profile

Basic Information:

NAME	:	**M. Ramesh**
DESIGNATION	:	**Assistant Professor**
DEPARTMENT	:	**EEE**
DATE OF BIRTH	:	**16-04-1988**
DATE OF JOINING	:	**23-06-2014**
EMAIL ID	:	**mr@aitsrajampet.ac.in**
EMPLOYEE ID	:	**1267**



Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph. D	Sri Venkateswara University Tirupati	Persuing
M. Tech	JNTU Ananthapuramu	2014
B.Tech	Sri Venkateswara University Tirupati	2009

Research Details:

1. Areas of Specialization :		Power Systems
2. No. of Publications :		4
3. Awards Received :		Nil
4. Research Guidance		
	No. of PhD Guided:	--
	No. of MTech. Guided:	8
	No. of B.Tech. Guided:	24
5. Details of Professional Membership:		---
6. Subjects Taught :		Power system operation and control, Power system Analysis, Reliability Engineering Applications in Power Systems, Reactive power compensation methods, Renewable Energy sources, Utilization of Electrical Energy, Energy auditing and Demand side management, Generation of Electrical Energy, Transmission of Electrical Energy, Switch Gear and Protection,

	Electrical Machines, Switching theory and Logic Design, Basic Electrical and Electronics Engineering, EHV AC Transmission, Electrical Circuits, Network Analysis. Universal Human Values-II

Publication Details:

Title	Publisher	Published Year
Efficient power system operation through fuzzy and PSO algorithm for power loss reductions and voltage profile improvement by optimal placement of D-STATCOM	E3S Web of Conferences	2024
Evaluation of Automatic Voltage Regulator's PID Controller coefficients using Python	Institute of Electrical and Electronics Engineers Inc.	2021
Practical design of an Off-grid Solar PV system for Domestic application	Institute of Electrical and Electronics Engineers Inc.	2021
Design of an adaptive power oscillation damping controller for STATCOM with energy storage by fuzzy logic controller	Serials Publications	2016