Faculty Profile

Basic Information:

NAME	:	**Mr. R. Madhan Mohan**
DESIGNATION	:	**Assistant Professor**
DEPARTMENT	:	**EEE**
DATE OF BIRTH	:	**05/06/1985**
DATE OF JOINING	:	**22/06/2007**
EMAIL ID	:	**rmm@aitsrajampet.ac.in**
EMPLOYEE ID	:	**11**



Academic Profile:

Qualification	Name of the Board/University	YEAR
M. Tech	SKD Engineering College, Gooty,J. N. T. U. Anantapur	2013
B. Tech	A. I. T. S. Rajampet, JNTU Hyderabad	2006

Research Details:

1. Areas of Specialization	:	Electric Power Systems
2. No. of Publications	:	45
3. Awards Received	:	nil
4. Research Guidance		
	No. of PhD Guided:	---
	No. of M. Tech. Guided:	06
	No. of B. Tech. Guided:	25 Batches
5. Details of Professional Membership:		---
6. Subjects Taught	:	1) Electrical Circuits-I 2) Electrical Circuits-II 3) Electromagnetic Fields 4) Power Quality 5) Generation of Electrical Power 6) Transmission of Electrical Power 7) Switchgear and Protection 8) Power System Analysis 9) Utilization of Electrical Energy 10) Basic Electrical & Electronics Engineering

	11) Fundamentals of HVDC & FACTS 12) Electrical Circuit Theory/Network Analysis 13) Electrical Technology 14) Power System Dynamics & Stability (M. Tech) 15) Advance Control Systems 16) Linear system Analysis

Publication Details:

Title	Publisher	Published Year
Influence of performance and emission of diesel engine with alumina nano material-based catalyst biodiesel using IoT	Influence of performance and emission of diesel engine with alumina nano material-based catalyst biodiesel using IoT	2024
Prevention of Road Accidents by Using Li-Fi Technology	2024 3rd International Conference on Trends in Electrical, Electronics and Computer Engineering, TEECCON 2024 pp. 234-239	2024
A Power Quality Improved Bridgeless Converter Based Computer Power Supply by Using Fuzzy Logic Controller	International Journal of Electrical Engineering. ISSN 0974-2158 Volume 10, Number 2 (2017), pp. 197-221 © International Research Publication House http://www.irphouse.com	2017
Mitigation of Voltage Fluctuations Using Fuzzy-Based D-STATCOM in High Level Penetration of DG Systems	IAES International Journal of Artificial Intelligence (IJ-AI) ρ 72 Vol. 4, No. 2, June 2015, pp. 72~80 ISSN: 2252-8938	2015
Optimal performance enhancement of DG for loss reduction using Fuzzy and Harmony Search Algorithm	International Conference on Electrical, Electronics, Signals, Communication and Optimization, EESCO 2015	2015

Patent Details:

Title of Patent	Submitted/Published/Awarded
--	--