Faculty Profile

Basic Information:



NAME	:	**Madamanchi swathi**
DESIGNATION	:	**Assistant professor**
DEPARTMENT:		**EEE**
DATE OF BIRTH	:	**14/07/1989**
DATE OF JOINING	:	**25/05/2022**
EMAIL ID	:	**madamanchiswathi@gmail.com**
EMPLOYEE ID	:	**1628**

Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph.D	Annamacharya university	pursuing
M.Tech	JNTUH	2015
B.Tech	Pondicherry university	2011

Research Details:

1. Areas of Specialization	:	Power Electronics
2. No. of Publications	:	4
3. Awards Received	:	
4. Research Guidance		
	No. of PhD Guided:	
	No. of MTech. Guided:	
	No. of B.Tech. Guided:	4
5. Details of Professional Membership:		
6. Subjects Taught	:	Basic electrical and electronics engineering Switching theory and logic design Microprocessor and microcontroller Energy auditing and demand side management

Publication Details:

Title	Publisher	Published Year
Optimized power quality enhancement in PV-integrated UPQC systems using chaotic PSO-based MPPT alogrithm	IEEE	2024
Electricity generation from artificial wind generated by the moving vehicles	IJFANS	2022
Green energy and renewable energy sources	IJFANS	2022
Bridging the Energy Divide: The Innovative Landscape of Compressed Air Energy Storage (CAES)	International conference on sustainable green energy technologies(ICSGET-2024)	2024