



ANNAMACHARYA UNIVERSITY

EXCELLENCE IN EDUCATION; SERVICE TO SOCIETY
(ESTD, UNDER AP PRIVATE UNIVERSITIES (ESTABLISHMENT AND REGULATION) ACT, 2016)
Rajampet, Annamayya District, A.P – 516126, INDIA

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



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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