Faculty Profile

Basic Information:



NAME	:	**BOOTHAPATI ANIL KUMAR**
DESIGNATION	:	**ASSISTANT PROFESSOR**
DEPARTMENT:		**EEE**
DATEOF BIRTH	:	**21-03-1985**
DATEOFJOINING	:	**10-03-2023**
EMAIL ID	:	**BOOTHAPATIANILKUMAR@ GMAIL.COM**
EMPLOYEEID:		**:1639**

Academic Profile:

Qualification	Name of the Board / University	YEAR
Ph.D (Pursuing)	Jawaharlal Nehru Technological University, Anantapur, Ananthapuramu	-
M.Tech (Electrical Power Systems)	Jawaharlal Nehru Technological University, Anantapur, Ananthapuramu	2013
B.Tech (EEE)	Jawaharlal Nehru Technological University, Hyderabad	2007
Diploma (EEE)	State Board of Technical Education and Training, Hyderabad	2003
SSC	Board of Secondary Education, Hyderabad	2000

Research Details:

1.Areas of Specialization :		Electrical Power Systems
2.No.of Publications :		08
3.Awards Received :		--
4.Research Guidance		-
	No.of PhD Guided:	-
	No.of M.Tech. Guided:	2
	No.of B.Tech. Guided:	18
5.Details of Professional Membership:		MISTE

6.SubjectsTaught	:	Electric Machines (DC & AC machines) Power System Operation and Control Basic Electrical and Electronics Engineering HVDC & FACTS High Voltage Engineering Power Quality Smart Grid Power Electronics Utilization of Electrical Energy Power Systems (Generation, Transmission, Distribution and Protection) Electrical Measurements EHVAC Transmission

Publication Details:

Title	Publisher	Published Year
Intelligent harmonic mitigation and power quality improvement in Microgrid with Unified Power Flow Controller (UPFC) for Grid connected and Islanded operations	International Conference on Sustainable Electrical Engineering and Intelligent Systems (ICSEEIS)	2025
Implementation of Perturb & Observe, FLC and ANFIS MPPT Strategy with Buck and Boost Converters in Photovoltaic Systems	International Conference on Computational Innovations and Engineering Sustainability (ICCIES)	2025
Analyzing advanced solutions for electric vehicle charging infrastructure	2nd International Conference on Challenges in Information, Communication and Computing Technology (ICCICT-2024)	2024
Advanced Power Quality in Hybrid PV-Wind Systems with TSK Fuzzy Control	IEEE International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS 2024)	2024
Investigating Power Quality Disturbances in Electrical Power Systems: A systematic review.	Industrial Engineering Journal Vol XVI & Issue No.9 2023	2023
Enhancement of Transient Stability of a Two Area Power System using Power System Stabilizer and Shunt Compensator	International Journal of Management, Technology and Engineering, Vol.IX, Issue.IV, pp 1984-1998, [ISSN: 2249-7455].	2019
Integrating an Energy Storage Device with STATCOM to reduce Power Oscillation Damping	International Journal & Magazine of Engineering, Technology and Research, Vol.3, Issue.11,pp 433-445, [ISSN:2348-4845]	2016

Patent Details:

Title of Patent	Submitted/Published/Awarded
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