


FACULTY PROFILE

Name of the Faculty:	Mr.K. RAJENDRA		
Designation:	Assistant Professor		
Department:	EEE		
Date of Birth:	30-07-1985		
AICTE – ID:	1-426127189		
Education	<ul style="list-style-type: none"> B.Tech in EEE from Bapatla Engineering College in 2007 M.Tech in Power systems in Engineering from NIT Kurusketra in 2009 PhD in Power system state Estimation from Annamalai University, Pursuing. 		
Experience	Teaching: 13 Years,2months	Industry: ____Years	Total: 13 Years,2 months
	Research: ____Years	Others: ____Years	
Research Specialization	Power Systems, Economic Load Dispatch, State Estimation		
Courses taught	<ol style="list-style-type: none"> 1.Basic Electrical & Electronics Engineering 2. Electrical Technology 3. Simulation Tools for Electrical Engineering 4. Generation &Transmission 5. Utilization of Electrical Engineering 6. Power System Operation and Control, Stability 7. Computer Aided Power System 8. Electrical Power Distribution System 9. Power System Analysis 10. Real Time Applications in Power Systems 11. Computer Methods in Power Systems 12. Engineering Ethics 13.Constitution of India 14. Indian Traditional Knowledge 		
Research contributions			

International/national peer reviewed journals

S. No.	Title of paper	Journal	Year	Volume	pages	Indexing (SCI/WoS/SCOPUS, Google scholar)
1	State Estimation for Electric Power System with Load Uncertainty and False Data Using Cuckoo Search Algorithm	IJRITCC	2023	Volume: 11 Issue: 4s		Scopus
2	Grey Wolf Optimizer and Cuckoo Search Algorithm for Electric Power System State Estimation with Load Uncertainty and False Data	IJRITCC	2023	Volume: 11 Issue: 2s		Scopus
3						
4						
5						
6						
7						
8						

Books published

S. No.	Title of the book	Publisher	year
1			

Book chapters Published

S.No.	Title of the Chapter	Book title	Publisher	year
1				

Details of Patents (Filed & Granted)

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1				

Details of Conferences/FDPs/STTPs/webinars/Workshops Organized

S.No.	Name of the event	Role	Dates
1.	“New Trends in Electrical Power Systems”	Co-Ordinator	01-05-23 to 03-05-23
2.	PCB DESIGN & FABRICATION	Committee member	28th to 30th July 2022

3.	One-week STTP (Design Implementation and Control of Electrical Systems using MATLAB)	Committee member	3rd-7th January 2023
4.	Three-day Workshop (New Trends in Electrical Power Systems)	Committee member	1-3rd May 2023
5.	Two Day Workshop ("Research Report and Article Writing using LaTeX Software)	Committee member	17th-18th March 2023
6.	Emerging Technologies in Electric Vehicles Organized by Bapatla Engineering college	Committee member	02.08.2021 to 14.08.2021
7.	Virtual Substation Visit (400/132KV SS Maharashtra)	Co-Ordinator	22.03.2021
8.	Two week online short term training program on "emerging technologies in electrical vehicles	Committee member	02-08-2021 to 14-08-2021
9.	webinar (Design & Analysis of Electrical models using MATLAB	Committee member	9th & 10th July 2021

Details of Conferences/FDPs/STTPs/webinars/Workshops Participated

S.No.	Name of the event	Organized by	Dates
1.	ATAL FDP on "Applications of Power Electronics in Electric Vehicles"	AICTE	12-12-22 to 23-12-22 (Two Week)
2.	NPTEL workshop on Introduction to smart grid	NPTEL	July to September 2022 08 weeks
	National Conference on Emerging Technologies in Energy Systems (NCETES-2020)		11th September 2020

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1			

Details of project proposals submitted/sanctioned/completed

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration

Consultancy contribution

S.No.	Year	Amount	Details
1			

Student Project/research guidance

S.No	Level	Total number
1	UG	Completed: 12 Ongoing:1
2	PG	Completed: 5 Ongoing:
3	PhD	Completed: Ongoing:

Administrative experience

S.No.	Role	Duration (From – to)
1	Department website Co-Ordinator	JUNE 2018 to Till date
2	IIC Member	MARCH 2020 to till date
3	Computer lab In charge	JUNE 2018 to AUG 2023
4	Remedial class in charge	JUNE 2019- till date
5	IIIC coordinator	JUNE 2015- till date
6	NBA Criterion 6 coordinator	DEC 2020 – till date
	NSS UNIT-2 Program Officer	DEC 2021- till date
	NSS Committee member	DEC 2021- till date
	Students' affair Committee member	DEC 2021- till date

Research credentials

Index/database	ID/Link
Google Scholar	
SCOPUS	
Web of Science	
Vidwan ID	

Any other relevant information

(K.RAJENDRA)
(12-09-2023)