

B. SWARUPA RANI



Designation : Assistant Professor
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Contact at : Department of Electrical and Electronics Engineering,
 Velagapudi Ramakrishna Siddhartha Engineering College,
 Kanuru, Vijayawada, Andhra Pradesh 520007.

Education

Ph. D (Power Systems)

Persuing , Acharya Nagarjuna University, Nambur

M.Tech (Power Systems and High Voltage Engineering)

2012, Jawaharlal Nehru Technological University, Kakinada

B.Tech (Electrical and Engineering)

2008, Jawaharlal Nehru Technological University, Kakinada

Experience

Period	Designation	Institution / Organization	Key Responsibilities
2022 - Till Date	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Internal Examination and Marks Incharge, NBA- III Incharge, Department NSS Incharge, Drone Club Incharge
2021-2022	Assistant Professor	Potti Sriramulu Chalavadi Mallikarjunarao College of Engineering & Technology, Vijayawada	
2012-2019	Assistant Professor	Andhra Loyola Institute of Engineering & Technology	
2008-2009	Assistant Professor	Chalapathi Institute of Engineering & Technology	

Research Interests

Broad Area of Research :

- ⊙ Electrical Power Systems
- ⊙ Flexible AC Transmission Systems
- ⊙ Renewable Energy Sources
- ⊙ Optimization Techniques
- ⊙ AI to Electrical Engineering

Honors and Awards

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Courses Taught

S.No	Course Name	Level (UG/PG)
1	DC Machines and TransFormers	UG
2	AC Machines and Special Machines	UG
3	Solar Photovoltaics	UG
4	Basic Electrical and Electronics Engineering	UG
5	Renewable Energy Sources	UG
6	Deregulated Power Systems	PG

Research Profile

Publications

The recent publications and research contributions can be viewed from the following URLs

Google Scholar	https://scholar.google.com/citations?user=Ra7gsDgAAAAJ&hl=en
Scopus	https://www.scopus.com/home.uri;

ORCID	https://orcid.org/0000-0002-9063-2065
dblp	
Publons	
Research Gate	
LinkedIn	https://www.linkedin.com/feed/?trk=sem-ga_campid.22935434840_asid._crd._kw._d.c_tid._n.x_mt._geo.9147349

Recognized Research Supervisor

S.No.	Department	University
01.		
02.		
03.		
04.		

Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.						
02.						
03.						

Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1				

Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Cloud Computing	NPTEL	12 Weeks	2025
2.	Internet Of Things	NPTEL	12 Weeks	2024

3.	The Joy of Computing using Python	NPTEL	12 Weeks	2023
4.	The Science of the Solar System	Coursera	12 Weeks	2023
5.	Introduction to Self-Driving Cars	Coursera	12 Weeks	2023
6.	Programming for Everybody (Getting Started with Python)	Coursera	12 Weeks	2022

Consultancy / Industry Projects

Completed	0
On-going	0
Applied	0

Patents

S.No	Title	Status	Application No.	Year
1.				

Ph.D

Awarded	0
Guiding	0

Invited Talks

No. of Invited Talks	0
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Professional Service / Reviewer

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Professional Development Activities - Participations

Faculty Development and Training Programmes (at least 5 Days)	15
International / National Level Seminars	
International / National Level Conferences	
Workshops	02
Instructor Led / Self-Paced Courses	
Webinars	

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	M-1818664	The Institute of Engineers (India)
2.		

(Your Name & Signature with Date)
