

# Dr. Naveenkumar Tadikonda



**Designation** : Assistant Professor  
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**Contact at** : Department of Electrical and Electronics Engineering,  
Velagapudi Ramakrishna Siddhartha School of Engineering,  
Siddhartha Academy of Higher Education deemed to be  
University, Kanuru, Vijayawada, Andhra Pradesh 520007.

## Education

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**Ph.D. (Electrical and Electronics Engineering)**

2024, National Institute of Technology Jamshedpur

**M.Tech (Electrical and Electronics Engineering)**

2017, Jawaharlal Nehru Technological University, Kakinada

**B. Tech (Electrical and Electronics Engineering)**

2010, Acharya Nagarjuna University, Guntur

## Experience

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Period	Designation	Institution / Organisation	Key Responsibilities
2023-Till now	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Robotics club and Robotics lab In-charge, Department IIC Coordinator, Department MSME coordinator,

## Research Interests

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**Broad Area of Research :**

Islanding detection techniques in microgrid, microgrid protection, robotics

## Honors and Awards

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## Courses Taught

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S.No	Course Name	Level (UG/PG)
1	Basic Electrical Engineering	UG
2	Electrical measurements and sensors	UG
3	Power generation and transmission	UG
4	Advanced power system protection	PG

## Research Profile

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### Publications

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

Google Scholar	<a href="https://scholar.google.com/citations?user=1J7Ly6MAAAAJ&amp;hl=en&amp;authuser=1">https://scholar.google.com/citations?user=1J7Ly6MAAAAJ&amp;hl=en&amp;authuser=1</a>
Scopus	<a href="https://www.scopus.com/authid/detail.uri?authorId=57433815200">https://www.scopus.com/authid/detail.uri?authorId=57433815200</a>
ORCID	<a href="https://orcid.org/my-orcid?orcid=0000-0002-8688-9853">https://orcid.org/my-orcid?orcid=0000-0002-8688-9853</a>
Publons	<a href="https://www.webofscience.com/wos/author/author-search">https://www.webofscience.com/wos/author/author-search</a>
Research Gate	<a href="https://www.researchgate.net/profile/Naveenkumar-Tadikonda-2?ev=hdr_xprf">https://www.researchgate.net/profile/Naveenkumar-Tadikonda-2?ev=hdr_xprf</a>

### Recognized Research Supervisor

S.No.	Department	University

### Funded Research Projects

S.No	Type	Title	Status	Funding Agency	Amount (INR)	Duration
01.	Funded	Artificial Intelligence-based Islanding Detection Techniques to Enhance Microgrid Protection.	Not recommended	ANRF	51,64,720	

## Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities

## Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1.	Cloud Computing	NPTEL	12 Weeks	2024
2	Joy of computing with Python	NPTEL	12 Weeks	2024
3.	Embedded system design	NPTEL	12 Weeks	2025
4	Basics of Embedded Systems and Robotics	MOOCs - IITB	8 Weeks	2025

## Consultancy / Industry Projects

Completed	00
On-going	00
Applied	00

## Patents

S.No	Title	Status	Application No.	Year
1.				

## Ph.D

Awarded	00
Guiding	00

## Invited Talks

No. of Invited Talks	00
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## Professional Service / Reviewer

- Reviewer in journal of Electrical Engineering, Springer
- .Reviewer in IEEE system journal, IEEE

## Professional Development Activities - Participations

Faculty Development and Training Programmes attended (at least 5 Days)	6
International / National Level Seminars	00
International / National Level Conferences	02
Workshops attended	4
Instructor Led / Self-Paced Courses	0
Webinars	0

## Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	184886	International Association of Engineers (IAENG)
2.	M-1818176	The Institution of Engineers (India) (IEI)



Dr. Naveenkumar Tadikonda, 24/09/2025

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