

# Dr. Veera Reddy Aduru



**Designation** : Senior Assistant Professor  
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**Contact at** : Department of Electrical and Electronics Engineering,  
 V R Siddhartha School of Engineering,  
 Siddhartha Academy of Higher Education  
 (Deemed to be University)  
 Kanuru, Vijayawada, Andhra Pradesh 520007.

## Education

### Ph. D (Electrical Machines)

2020, Pondicherry University (Central University), Pondicherry

### M.E (Power Electronics and Drives)

2010, Anna University, Chennai

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

2007, Jawaharlal Nehru Technological University, Hyderabad

## Experience

Period	Designation	Institution / Organization	Key Responsibilities
2025-Till date	Senior Assistant Professor	Siddhartha Academy of Higher Education (Deemed to be University)	Teaching and Learning, EPICS, MINI-1, MINI-2 MAJOR Projects Co-ordinator, Students participation in charge AICTE CII dept. co-ordinator, Class teacher, EV Club, NBA Criteria-2 Counsellor, Research Publication, Ph.D Guidance
2015-2025	Assistant Professor	Velagapudi Ramakrishna Siddhartha Engineering College	Associate Professor, HoD, Teaching, PG, UG Guidance
2013-2015	Associate Professor	Chalapathi Institute of Technology, Guntur	Associate Professor, HoD, Teaching, UG Guidance, COE
2011-2013	Assistant Professor	Atmakur Engineering College, Atmakur, Nellore	Teaching, UG guidance, Dept Library, ISTE incharge.
2007-2008 & 2010-2011	Assistant Professor	Narayana Engineering College, Nellore	

## Research Interests

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**Broad Area of Research:**Special electrical machines, Machine design, Fault analysis

## Honors and Awards

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- Secured 1st Rank in National level entrance for Ph.D admission at Pondicherry Central University.
- Got Highest Percentage of marks in M.E in college level.

## Courses Taught

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S.No	Course Name	Level (UG/PG)
1	Problem solving using Python	UG
2	Programming through C	UG
3	Internet of Things	UG
4	Control systems	UG
5	Electro Magnetic Fields	UG
6	Electrical measurements	UG
7	Electrical circuit Analysis-1, 2	UG
8	Electrical machines-I	UG
9	Power Systems-1, 2	UG
10	Power system protection	UG
11	Renewable Energy systems	UG
12	Digital control systems	UG
13	Electrical Technology	UG
14	Basic electrical engineering	UG
15	Neural Networks and Fuzzy Logic	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=2_gBarcAAAAJ&amp;hl=en&amp;authuser=1">https://scholar.google.com/citations?user=2_gBarcAAAAJ&amp;hl=en&amp;authuser=1</a>
Scopus	<a href="https://www.scopus.com/authid/detail.uri?authorId=57222987796">https://www.scopus.com/authid/detail.uri?authorId=57222987796</a>
ORCID	<a href="https://orcid.org/0000-0002-8101-0547">https://orcid.org/0000-0002-8101-0547</a>
dblp	-
Publons	-
Research Gate	<a href="https://www.researchgate.net/profile/Veera-Aduru?ev=hdr_xprf">https://www.researchgate.net/profile/Veera-Aduru?ev=hdr_xprf</a>
LinkedIn	<a href="https://www.linkedin.com/in/dr-veera-reddy-a-a55a39238/">https://www.linkedin.com/in/dr-veera-reddy-a-a55a39238/</a>

## Recognized Research Supervisor

S.No.	Department	University
1	Electrical and Electronics Engineering	Jawaharlal Nehru Technological University, Kakinada
2	Electrical and Electronics Engineering	Siddhartha Academy of Higher Education, Deemed to be University, Vijayawada

## Funded Research Projects

S.No.	Type	Title	Status	Funding Agency	Amount (INR)	Duration
1	Funded	Implementation of Fused Multi-Port Bidirectional Switched Reluctance Motor Drive for Solar fed Hybrid Electric Vehicle	Applied	SERB-SURE	Rs. 23,64,200/-	
2	Funded	Design and Fault analysis of Switched Reluctance Motor using Finite Element Method	Applied	UGC	Rs. 4,82,000/-	

## Administrative Roles

S.No.	Role	Institution	Duration	Responsibilities
1	-			

## Certifications/MOOC Courses Completed

S.No.	Title	Platform	Duration	Year
1	Fundamentals of Deep Learning	NVIDIA		2025
2	Python Programming	NPTEL	12 Weeks	2024
3	Python for Data Science	NPTEL	4 Weeks	2024
4	Introduction to the Internet of Things	NPTEL	12 Weeks	2024
5	Cloud Computing	NPTEL	12 Weeks	2024
6	Joy of Computing using Python	NPTEL	12 Weeks	2024
7	Database Management System	NPTEL	8 Weeks	2024
8	Electric Vehicles and Mobility	COURSERA	5 Weeks	2021

9	AI For Every One	COURSERA	4 Weeks	2020
10	Electric Power Systems	COURSERA	4 Weeks	2020
11	Wind Energy	COURSERA	12 Weeks	2020
12	Python For Machine Learning	Great learning academy	4 Weeks	2020
13	Advanced Control Systems	NPTEL	8 Weeks	2018

## Consultancy / Industry Projects

Completed	-
On-going	-
Applied	-

## Patents

S.No	Title	Status	Application No.	Year
1	Architecture of a power management device for smart grid innovation	Published	202241026737	2022
2	Streetlight Controller	Published	202366947001	2023
3	Solar-Powered Autonomous Seed Sowing Machine	Published	202341010538	2023
4	IOT Based Inauguration Curtain System and Method	Published	202341030002	2023

## Ph.D

Awarded	-
Guiding	01

## Invited Talks

No. of Invited Talks	02
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## Professional Service / Reviewer

- International Journal of Power Electronics and Drive Systems

## Professional Development Activities - Participations

Faculty Development and Training Programmes(at least 5 Days)	32
International / National Level Seminars	00/ 04
International / National Level Conferences	15/ 01
Workshops	20
Instructor Led / Self-Paced Courses	13
Webinars	4

## Professional Bodies Membership Details

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S.No.	Membership No.	Society Name
1.	<b>M-1572681</b>	Member of Institution of Engineers

*Veera Reddy*

(Your Name & Signature with Date)

**Dr.Veera Reddy Aduru**

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