

Dr. S. Manmadharao



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 (Electrical and Electronics Engineering)

2024, *Visvesvaraya National Institute of Technology, Nagpur*

M.Tech (Electrical and Electronics Engineering)

2014, *Jawaharlal Nehru Technological University, Kakinada*

B.Tech (Electrical and Electronics Engineering)

2011, *Jawaharlal Nehru Technological University, Kakinada*

Experience

Period	Designation	Institution / Organization	Key Responsibilities
01-06-2011 to 30-11-2012	Assistant Engineer	Sagar Asia Pvt. Ltd, Hyderabad	Industry
15-04-2015 to 30-06-2019	Assistant Professor	VRSEC, Vijayawada	Teaching and Research
05-07-2019 to 31-05-2024	Ph.D. Scholar (Full Time)	VNIT, Nagpur	Research
11-07-2024 to 30-06-2025	Assistant Professor	GNITS, Hyderabad	Teaching and Research
02-07-2025 to Till date	Assistant Professor	SAHE, Vijayawada	Teaching and Research

Research Interests

Broad Area of Research:

EV Charging, PE Converters for EV's, PWM techniques to PE Converters, and DVR for PQ enhancement.

Honors and Awards

- Qualified in GATE 2011 and 2012 with ranks of 8011, 9540 respectively
- Ratified as assistant professor by JNTUK from VRSEC-Vijayawada and by JNTUH from GNITS-Hyderabad.
- Two foreign (Italy and Singapore) IEEE conferences
- Full-time Ph.D. scholar from VNIT, Nagpur with 4 SCI papers, in which two papers are Q1 SCI journals (IEEE transactions) and another two papers are Q2 SCI journals (Wiley and Elsevier)
- Working as Project Student Member under the Principal Investigation of my Ph.D. Co-Supervisor Dr. Ritesh Kumar Keshri (PI) funded by DST and Ministry of Electronics and Information Technology, Government of India.
- Collaborative Research with Foreigners: Working with Dr. G.Buja, Professor, IEEE Life Fellow, University of Padova, Italy.
- Citations: 62, h-index: 05, i10-index: 03

Courses Taught

S.No	Course Name	Level (UG/PG)
1	Utilization of Electrical Energy	UG
2	Transformers and Induction Motors	UG
3	EHVAC	UG
4	EDS	UG
5	BEEE	UG
6	Power Quality	UG

Research Profile

Publications

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

Google Scholar	https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AJN-F5rwn-86hfSU4op8Q-PMVi3c1LuX908wOcSgZCFH_WhvHI71SdsGA0197jRWq60aSFbPCYiV4zSnm3wh3wR0VrKY1ODkjsamt7z6iDSPP9wnU9NiY&user=FMRDadoAAA
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ORCID	https://orcid.org/my-orcid?orcid=0000-0001-5902-462X
LinkedIn	https://www.linkedin.com/in/singamasetty-manmadha-rao-056a71273/

Patents

S.No	Title	Status	Application No.	Year
1.	Mitigation of Power Quality Issues in Grid fed EV Fast Charging Station using DVR	filed		

Professional Service / Reviewer

- IEEE Conference – STPEC – VNIT Nagpur
- IEEE Conference – ICPC2T – NIT Raipur

Professional Bodies Membership Details

S.No.	Membership No.	Society Name
1.	97399899	IEEE



17/09/2025

(Your Name & Signature with Date)
