



Name : **Mr.NAVEEN KUMAR N, M.E.(Ph.D.)**

Designation : ASSISTANT PROFESSOR

Department : Electrical and Electronics Engineering

Major : Power Electronics and Drives (PED)

D.O.J (VCE) : 04.11.2024

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1. Educational Qualification:

Degree	Branch/Specialization	Institute/University	Year of passing
M.E.	Power Electronics and Drives	SBM College of Engineering & Technology	2024
B.E.	Electrical and Electronics Engineering	JP College of Engineering	2020
Ph.D.	Power Systems	Anna University, Chennai.	Pursuing

2. Research Interest:

- Electrical Machines
- Power Electronics.
- Designs
- High Voltage Engineering
- Circuit Analysis

3. RESEARCH INTEREST :

Doing Ph.D in the topic of “AI-driven fault detection and prevention in power grids”.



4. Certificate Course:

- PCB-Design By Using Fusion – USAM Technology
- PCB-Design By Using Fusion – INGAGE Technology

5. Participation in Seminars/FDP/Workshop/Conference/Webinar:

Sl.No	Title of the event	Attended/Organized	Period	
			From	To
1	Integrating Electrical Vehicles with smart grid: innovation for sustainable mobility solutions	SRI VENKATESWARA COLLEGE OF ENGINEERING AND TECHNOLOGY / AICTE Training and Learning (ATAL) Academy	16/12/2024	21/12/2024
2	Sensors and Instrumentation	NITTR - Chennai	16/12/2024	20/12/2024
3	Future-Ready Manufacturing; The Synergy of AI and Smart Materials	SAVEETHA INSTITUTE OF MEDICAL AND TECHNICAL SCIENCE / AICTE Training and Learning (ATAL) Academy	01/09/2025	06/09/2025
4	Frontier in Electrical and Electronics: Key Tech & Applications	NELLAI COLLEGE OF ENGINEERING	17/02/2025	21/02/2025
5	Artificial Intelligence and Machine Learning	PANTECH E-LEARNING	15/09/2025	19/09/2025
6	Next-Generation Semiconductor Devices and Circuits	J.P COLLEGE OF ENGINEERING	19/08/2025	19/08/2025
7	Recent Trends on AI-Text, Vision & Hardware implementation Models	PANTECH E-LEARNING	28/08/2025	02/09/2025
8	Deep Learning AI, and their Applications in Agriculture	PANTECH E-LEARNING	11/08/2025	18/08/2025
9	AI Machine Learning for Electrical Engineering	RAMCO INSTITUTE OF TECHNOLOGY	05/05/2025	09/05/2025



6. Projects Reports:

M.E Project - Switched Inductor Double Switch High Gain DC-DC Converter For Renewable Applications

B.E Project – Head Gesture Controlled Wheel Chair For Quadriplegic Patient

7. Technical skills

- MATLAB
- LABVIEW