



VAIGAI COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
Vinayagapuram, Therkuthuru, Madurai - 625122
Web: www.vaigai.org, E-mail: vaigaioffice@gmail.com



Name : Mrs.N.VELAMMAL, M.E

Designation : ASSISTANT PROFESSOR

Department : Electrical and Electronics Engineering

D.O.J (VCE) : 05.01.2026

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Vishal nagar II,Paasingapuram
Madurai-625018

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1. Educational Qualification:

Degree	Branch/Specialization	Institute/University	Year of passing
M.E.	Power system	M.Kumarasamy College of Engineering	2015
B.E.	Electrical and Electronics Engineering	S.K.P.Engineering college	2010

2. Research Interest: Power systems

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

S.No	Event	Name of the College/Company Participated	Title
1	Paper Presentation	IEEE Sponsored International Conference in Karpagam College of Engineering, Coimbatore	Optimal PMU placement and observability of Power system
		International conference in Al.Ameen Engineering College,Erode	Fault identification by using PMU in International conference in Al.Ameen



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			Engineering College,Erode
2.	FDP	SRM TRBEC	Two days Faculty development programme on "Renewable Energy cOnversion Technologies"
		Department of IQAC,IT,EXTC and computer Engineering	Online Faculty development programme on "Insights of NBA"
		Kongunadu College of Engineering and Technology.	Attended ATAL Faculty development programme on "Internet of Things(IoT)"
		IFET College of Engineering	Attended ATAL Faculty development programme on "Electric Vehicle"
		M.Kumarasamy College of Enginneering,Karur	one day Faculty development programme on Psychosocial Dynamics in Class rooms
		M.Kumarasamy College of Enginneering,Karur	oneday Faculty development programme on NBA Awareness
		Anna University, Panruti.	EE6201-Circuit Theory
3.	Conferences & Journal Publication	International conference on Innovations in science and Tecnology for sustainable developement(ICISTSD)	Published a paper on "Optimal solution for Reactive Power dispatch Problem using Dragon fly Optimization



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			Algorhm” in
		International Research Journal of Engineering and Technology (IRJET) Volume: 08 Issue: 12, Dec 2021	” Hybrid system for smart building using solar PV panels with real and reactive power injection”
4	Grants Received	Received the grant of Rs.50,000/- from SERB for organizing the One-day national level seminar on”	Battery Management System in Electrical Vehicle” (2021-2022)
5	Contest	CDAC ,NOIDA and ICEA.	Participate the Grand Challenge Contest 2021 on “Product Design and Development for Mobile Handset Accessories”
6	Seminar	AKT Memorial College of Engineering and Technology.	Two days Online National Level Seminar on “Recent Technological development in Electric Vehicle(EV) System and its Applications in Defence”
7	Workshops	IIT Madras.	Attended a one day workshop on SOLAR POWER GENERATION SYSTEM



4. Projects Reports:

M.E Project - Optimal PMU placement and observability of power system using PSAT software & Identifying the symmetrical and Asymmetrical fault by suing PMU in Matlab

B.E Project – RYB phase sequence detection and protection using PLC

Technical skills

MATLAB,PSAT Software