


FACULTY PROFILE

Name (in BLOCK LETTERS)	P.VELUMANI
Present Designation & Dept:	AP, EEE
Subject Area of Interest	Electromagnetic Fields, Power Electronics, Electrical Machines, Control system
Passport photo	
Address (for communication)	P.VELUMANI 31, TVK STREET, SEVALUR PO, MANAPPARAI TK TRICHY DT 621306 Tamilnadu, INDIA. Mobile No. : 9629049762 , Email ID : velumanimal14205@gmail.com
Address (Office)	P.VELUMANI Assistant Professor Electrical and Electronics Engineering TRICHY ENGINEERING COLLEGE Sivagnanam Nagar, Konalai, Trichy - 621 105. Mobile No.: 6383541460 Email ID : velumanip@trichyengg.ac.in
Date and Place of Birth	12.05.1979, Manapparai
Gender	Male
Marital Status	Married
Nationality	Indian
Membership in Professional Bodies	Nil

01) Research & Educational Degree(s):

Educational Degrees/ Exams	Name of the Board/ Institution / University	Subject/ Specialisation	Year of Passing	% of Marks/ CGPA	Division/ Class/ Grade
ME	JJ College of Engineering and Technology, Trichy Anna University	Power Electronics	2008	71%	First Class
BE	PSNA College of Engineering and Technology, Dindigul Madurai Kamaraj University	Electrical and Electronics Engineering	2000	66%	First Class
H.S.C	Thiyakesar Alai Higher Secondary School, Manapparai TN State Board	Biology, Maths, Physics and Chemistry	1998	74%	First Class
S.S.L.C	St.Antony's High School, Manapparai TN State Board	General Sciences	1994	85%	First Class

02) Teaching Experience/Post(s) held :

Teaching experience in Trichy Engineering College : 17 Years 2 Months

Teaching Experience in other institutions

College/ Institution	Designation	Duration		Experience	
		From	To	Year	Month
Trichy Engineering College	Assistant Professor	2008	2025	17	Years

03) Administrative experience(s)

Such as Dean, HoD, T&P, NSS, Hostel, Exams, Admissions, Committee

Description	Role(s)	Duration	From To Dates
HoD	Over all Department in charge	6 Years	2019 to 2025
	Department Co-ordinator	10 Years	2008 to 2018

08) Patents / Awards/Certificates

Participated in Generation Green and received certificate.

Patent- **Efficient Residential Load Scheduling through a demand Response Multi Objective Optimization Model**

Received several certificates for Academic Performance Results in various semesters

Conducted **“PROJECT EXPO”** in every year

Received **Awards and Shield** From UNIQUE MEP ENGINEERING GROUPS

09) Workshop / FDP / Seminar / Conference Attended

Workshop:

All India Workshop on **“Role of Artificial Intelligence Hybrid Electric Vehicles and Battery Management Systems”** organized by Institution of Engineers (IEI)

FDP:

1. AICTE Training And Learning (ATAL) Academy Online FDP on **“Internet of Things(IoT)”** from 11-05-2020 to 15-05-2020 at GOVERNMENT COLLEGE OF ENGINEERING SRIRANGAM, TRICHY

2. Faculty Development program on **“Industrial Automation”** from 22.08.2022 to 26.08.2022.

3. Anna university sponsored online Six days FDTP on **Electrical Machines I** participation certificate at K.Ramakrishnan college of Technology At Trichy.

4. FDP on **“Design of Photovoltaic System “**at Saranathan College of Engineering, Trichy period from 13-02-2023 to 17-02-2023.

5. FDP on **“Block Chain “**at Government College of Engineering, Srirangam, Trichy, period from 31-07-2023 to 04-08-2023

6. A **Recent Trends in Flexible and Transparent Electronics** at M.A.M. SCHOOL OF ENGINEERING from 05/08/2024 to 10/08/2024.(ATAL)

7. FDP on **“Leveraging Gen AI for CO-PO Mapping and Research Writing”** at MAM College of Engineering and Technology from 14.02.2025 to 15.02.2025.

8. **Advancement of Artificial Intelligence in the Present and Future** on

Seminar:

1. National Level Technical Seminar on **“ Renewable Energy Sources for Microgrid Applications”** held on 14/02/2019, organized by University College of Engineering-Ariyalur.

2. Webinar on **“ Research Challenges in Data Mining”** organized by Chennai Institute of Technology on 06/05/2020

3. Webinar on **“Artificial Neural Network in Electrical Engineering”** organized by M.A.M. College of Engineering and Technology, Trichy on 29th May, 2020.

4. National Level Webinar on **“How to write and Publish a Scientific Paper”** at Angel College of Engineering and Technology on 18.02.2025

Conference:

1. International Conference on Artificial Intelligence and Autonomous system in **“Smart Cooling System for Milk Transportation by using IoT “**at Indra Ganesan College of Engineering on 25-03-2023

2. International Conference on Emerging Trends in Management, Education, Engineering Science and Technology entitled **“Vibrational power Generation on High Ways Using Piezoelectric Crystal”** at Indra Ganesan College of Engineering on 22-02-2024 and 23-02-2024.

10) Workshop/ Seminar/ GUEST LECTURE DELIVERED

Python and IoT on 26-04-2024, 27-04-2024 & 04-05-2024

Environmental Research Ideas on 04.03.2023

Real Time Applications of Embedded Systems on 03-11-2022 & 04-11-2022

Impact of Demonetization on Economy on 02-04-2022
GST - One Tax for One Country on 15-02-2020
Marketing Strategies for Banking Products on 02-02-2019
Nurturing Executive Skills for successful Manager on 23.09.2018

Seminar

Digital Marketing -Training on 19-09-2023
An Overview of MEP Services in Building Industry on 25-08-2023
Essential Training for Mechanical, Electrical & Plumbing (MEP) on 30-03- 2023
GATE Awareness Program and Career Opportunities on 20-03-2023
Revit and Building Information Modeling (BIM) on 10-03-2023
Awareness Program on Entrepreneurship & Innovation on 10-09-2023
Embedded Systems Design on 01-09-2022
Web Design Development on 28-04-2022
Flywheel Energy Storage Systems on 25.09.2021
Current Indian Market on 27.03.2021
Environmental Impacts of Solid Waste Land Filling on 16-09-2020
Global Economy: Challenges and Issues on 20-07-2019

GUEST LECTURE

Students Enrichment Program

Electromagnetic Fields and Transmission Line Parameters
State Space Analysis in Advanced and Modern Control Systems
Time Response, Frequency Response and Compensators in Control Systems