

Name of the Faculty with Educational Qualification: M. Jeyamurugan , M.E

Designation and Department : Assistant Professor-II / EEE

Velammal College of Engineering and Technology, Madurai

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Blog Address: No.2, Alagar Nagar 5th Street, K.Pudur, Madurai-625007

Educational Qualification:(will be either in Table (or) Paragraph starting with Higher Degree)

S. No	Course	Board / University	College / School	Year of Passing	% of Marks	Class Obtained
1	M.E (Power Electronics and Drives)	Anna University – Chennai	Mailam Engineering College, Mailam	June 2010	79.45%	FIRST with Distinction
2	B.E (Electrical and Electronics Engineering)	Madurai Kamaraj University	Odaiyappa College of Engineering and Technology – Theni	April 2003	71.87%	FIRST

Experience in Years: 21.1

Employment History: (will be either in Table (or) Paragraph starting with current employer)

S. No	Name of the Institution	Duration	Experience in Years	Position
1	K.L.N. College of Engineering - Pottapalayam	July 2010 - Aug 2013	3.1	Assistant Professor
		Sep 2013 – Till Date	10.11	Assistant Professor (Senior Grade)
2	Bharathiyar College of Engineering and Technology – Karaikal	July 2006 – May 2008	2	Lecturer
		May 2008 – June 2010	2	Senior Lecturer
3	Odaiyappa College of Engineering and Technology – Theni	Aug 2003 – July 2006	2.11	Lecturer

Interested Research Areas: Power Electronics and Drives

Scholarships and Awards received: --

Funded Research Projects: (will be either in Table (or) Paragraph starting with latest funded research project)

Funding Agency: TNSCST

Scheme: Student Project Scheme

Title: EEE673-Rocker Bogi suspension based alive human detector

Sanctioned Amount: Rs.7500/-

Year: 2022-2023

Principal Investigator(PI):

Co-PI:

Patent rights received: Nil

Publications Details: (will be either in Table (or) Paragraph starting with latest publication)

1. Patent Journal Publication Details: Nil

2. International Journal Publication Details:

1	M.Jeyamurugan, "Smart Waste bin monitoring system using Arduino", ESP international Journal of communication engineering & electronics technology, Vol.2 Issue:1, Feb 2024, ISSN: 2583-9217
2	M.Jeyamurugan, "Industrial Waste water monitoring using IoT", ESP international Journal of engineering & technology advancements, Vol.4 Issue:1, Mar 2024, ISSN: 2583-2646
3	M.Jeyamurugan, "Projector light control and fuzzy based control for EDOC in electric vehicle for two wheelers", LC International Journal of STEM, Vol:3 No.1 Jan-Mar 2022& ISSN:2708-7123
4	M.Jeyamurugan, "IoT Based Solar Power Monitoring And Prediction Using Cuckoo Optimized LSTM", International Journal of P2P Network Trends and Technology & DOI:10.14445/22492615/IJPTT- V11I2P402, Volume 11 Issue 2, Pp.6-8, Mar-April 2021, ISSN: 2249 – 2615.
5	M.Jeyamurugan, "Cloud Based Wind Energy Monitoring System", SSRG International Journal of Electronic and Electronics Engineering (SSRG-IJEEE), Special Issue ICIMCEH , pp. 1-4, May 2020, ISSN: 2349 – 8379
6	M.Jeyamurugan, "Cane Unloaded EOT Crane Hoist Limited and ERC Chain Loose Alarm", SSRG International Journal of Electrical and Electronics Engineering (SSRG-IJEEE), Special Issue ICRTECITA, pp.121- 124, April 2018. ISSN: 2348 – 8379.
7	M.Jeyamurugan, "A Novel Tpc Converter for Hybrid Renewable Energy System", SSRG International Journal of Electrical and Electronics Engineering (SSRG- IJEEE), Special Issue ICRTECITA, pp: 113-116, April 2018, ISSN: 2348 – 8379.
8	M.Jeyamurugan, "Impact of DG with SVC in a Meshed Transmission System", International Journal of Science Technology and Engineering, Vol:3, Iss:10, APRIL 2017, ISSN: 2349-784X
9	M.Jeyamurugan, "Energy Allocation and Control of Renewable Systems using WSNSSRG", International Journal of Electrical and Electronics Engineering, Special Issue, MARCH 2017, ISSN: 2348-8379
10	M.Jeyamurugan, "Automatic load frequency control of multi-source power system using flower pollination algorithm", International Journal of Engineering science invention research & development, May 2016, ISSN 2349-6185
11	M.Jeyamurugan, "Digital Relay Protection for Generator Transformer in Thermal Power Plant", Samzhodhana, Jan 2016, ISSN 232 -8231
12	M.Jeyamurugan, "Timer Operated Liquid dispensing system", Samzhodhana, Jan 2016, ISSN 232 -8231
13	M.Jeyamurugan, "A Cascaded Multilevel Inverter with less Switches", Samzhodhana, Jan 2016, ISSN 232 -8231
14	M.Jeyamurugan, "UPFC for enhancement of angle stability using optimization technique",

3. International Conference Presentation Details:

1	M.Jeyamurugan, “Automatic Rubber compound injecting system for mixing mill”, International conference on power and energy systems, VCET, Madurai, 17-18 th Mar 2023.
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4. National Conference Presentation Details: --

5. Google Scholar report:

JEYAMURUGAN M

Assistant Professor of EEE, Velammal
College of Engineering and Technology
Power Electronics

TITLE	CITED BY	YEAR
Design of Microstrip Patch Antenna as Communication Relay for Disaster Management V Remya, S Jayamaran, M Jeyamurugan, S Rajalakshmi, P Ganesh, ... 2024 International Conference on Communication, Computing and Internet of ...		2024
Projector Light Control and Fuzzy Based Control for EDOC in Electric Vehicle for Two Wheelers M Jeyamurugan, P Ramnath, R Velmurugan, M Vignesh, ... LC International Journal of STEM (ISSN: 2708-7123) 3 (1), 101-108		2022
Industrial Waste Water Monitoring Using IoT M Jeyamurugan, R Santhosh, S Suriya, SS Prakash		
Impact of DG with SVC in a Meshed Transmission System M Jeyamurugan, A Marimuthu, S Navaneetha, M Perianayagi, ...		
Smart Waste Bin Monitoring System Using Arduino M Jeyamurugan, T Pragatheswaran, MG Anand, SP Kumar		