


FACULTY PROFILE							
Name		Mr. M. Paul Jeyaraj					
Qualification		M.E., M.B.A., (Ph.D.)					
Department		Electrical and Electronics Engineering					
Designation		Assistant Professor					
Date of Joining		27/06/2009					
Mobile Number		9994819998					
E - Mail		jurshn@gmail.com					
Experience in Years		Teaching	Industry				
		14.8	--				
Area of Specialization		Embedded Systems, Wireless Sensor Networks					
Publications	National Conference	International Conference	International Journals	Books & Book Chapters			
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Conference Paper Presented	Patents Filed	Patents Published	Copy Rights Registered	NPTEL Courses Completed			
12	--	--	--	--			
FDP, Conference, Workshop & Seminars	FDP / STTP	Conference / Symposium	Workshop	Seminar/Orientation Programme			
	Organized / Coordinated	Organized / Coordinated	Organized / Coordinated	Organized / Coordinated			
	1	1	--	--			
	Attended	Attended	Attended	Attended			
	8	12	--	2			
Research / Consultancy Projects	Grants	Projects	Consultancy	Funds Received			
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Membership in Professional Societies			Resource Person / Guest Lecture	Reviewer	Chair Person	Editor	
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Project & Research Guidance		UG Level		PG Level		Ph.d Level	
		10		1		Completed	Guiding
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Institutional Contribution							
EEE Department Coordinator in NAAC Criteria 6			SAEC Alumni Association – Convener (2023 - Till Date)				
EEE Department Coordinator in NBA Criteria 5			EEE Department Coordinator in Time Table Committee				
EEE Department Coordinator in Parent – Teacher Association – Convener (2018 – 2023)			EEE Department Coordinator in IIC, IQAC				



## PROFILE of **Mr. M. PAUL JEYARAJ**

### Qualification

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- B.E. (Electrical and Electronics Engineering)
- M.E. (Power Electronics and Drives)
- Ph.D. (Pursuing) (Electrical Engineering)

### Experience

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- 16.05.2009 to Till date: Assistant Professor - Syed Ammal Engineering College, Ramanathapuram.

### Papers Published/Accepted

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#### **Published Articles**

1. IMPLEMENTATION OF OBJECT RECOGNITION BASED ON LOCAL TEXTURE OPERATORS IN FPGA TECHNOLOGY in the Applied Mechanics & Materials Journal under the volume-573 titled “Advancements in Automation and Control Technologies” JUNE 2014 Edition (Annexure II).
2. AUTOMATIC POWER SUPPLY FOR RESIDENTIAL CONSUMER USING MICROGRID WITH HYBRID POWER SUPPLY in the Applied Mechanics & Materials Journal under the volume-573 titled “Advancements in Automation and Control Technologies” JUNE 2014 Edition (Annexure II).

### National / International Conference / Workshop Participation

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1. Participated in ICETET’15 AT Pandian Saraswathi Yadav Engg College. 13 & 14.03.2015.
2. Participated in ‘One day Capacity Building Workshop for Professors on Personality Profession & Passion’ at SAEC. 25.06.2019.

3. Co-Coordinator for WORKSHOP on “PCB FABRICATION AND ASSEMBLING” at SAEC. 15 and 16.02.2019.
4. ‘Design and Implementation of Automatic Change Over Using PLC’, International conference on nano robotics and artificial intelligence for engineering applications (icrai2020) 2020-21.
5. ‘Design and implementation of smart agriculture system using Solar power’, International conference on nano robotics and artificial intelligence for engineering applications (icrai2020) 2020-21.
6. ‘Adaptive aggregation based a wireless network solution for Industrial automation’, International conference on nano robotics and artificial intelligence for engineering applications (icrai2020) 2020-21.
7. ‘Privacy online ride hailing services based on transform Euclidean distance’, International conference on nano robotics and artificial intelligence for engineering applications (icrai2020) 2020-21.
8. ‘Traffic Violation detection and automatic penaltification system’, International conference on advances in Engineering, Science and Technology 2018.
9. ‘Haar Cascade Classifier-based Real-Time Face recognition and Face detection’ IEEE - Fourth International Conference on Electronics and Sustainable Communication Systems (ICESC - 2023) DVD Part Number: CFP23V66-DVD; ISBN: 979-8-3503-0008-6

#### Faculty Development Program Participation

Sl. No	Program	Dates	Venue
1	Webinar on Research Issues and challenges in resonant converter	03.06.2020, 1 day	Syed Ammal Engineering College, Ramanathapuram(online)
2	Online training on IEEE Xplore Digital Library	2.06.2020, 1 day	Syed Ammal Engineering College, Ramanathapuram(online)
3	Webinar on Energy Auditing & Career Opportunities	12.05.2020, 1 day	Sri Eshwar College of Engineering,

			Chennai (online)
4	Online webinar on IOT	07.05.2020, 1 day	CRYSTAL CLEAR TECHNOLOGY AND INNOVATION, Coimbatore (online)
5	FDP on Research Ideas & Performance Analysis of Switched Reluctance Motor Using MagNet Software	13.05.2020 and 14.05.2020, 2 days	Jerusalem College of Engineering, Chennai (online)
6	Webinar on Accessing Research Output & Its Enhancement	02.05.2020, 1 day	JK Business School Gurugram (online)
7	Corona Covid 19 Awareness Campaign	April 2020	Guru Nanak College of Arts, Science and Commerce, Mumbai (online)
8	Webinar on Impact of Covid 19 on future investment pattern of investors	28.04.2020, 1 day	BhagwanMahavir University
9	Webinar on Employability Skills in Curriculum Design	26.04.2020, 1 day	Audisankara College of Engineering & Technology
10	Online course on Verbal Proficiency	05.05.2020, 1 day	Sri Krishna Adithya College of Arts & Science, Coimbatore (online)
11	Webinar on the theme Leading in a VUCA World	20.04.2020 to 24.04.2020 , 5 days	Sky campus, ICT Academy (online)
12	Workshop on IEEE Reference Management Tool For Research Articles And Thesis Writing	20.05.2020, 1 day	IEEE Bangalore Section (online)
13	Workshop on NAAC Assesment and	28.05.2020 to	GATES Institute of

	Accreditation: A Step by Step Process	30.05.2020 , 3 days	Technology, Andhra Pradesh (online)
14	FDP on Modern Trends in Electrical Drives	19.05.2020 to 23.05.2020 , 5 days	Nagpur Institute of Technology, Nagpur (online)
15	FDP on Research opportunities in Electrical Engineering under Technical Education Quality Improvement Program	07.05.2020 to 16.05.2020 , 10 days	Government College of Engineering, Karad(online)
16	Webinar on The impact of Attitude, Behavior and Emotional Intelligence on Performance	26.05.2020, 1 day	University of Stirling(online)
17	Webinar “Image processing – OPENCV”	08.05.2020, 1 day	Pantech Solutions (online)
18	Workshop on Artificial Intelligence and Deep Learning	04.05.2020 to 08.05.2020 , 5 days	Royal Academy of Engineering, (online)
19	The future of Education, Employment & Entrepreneurship	01.05.2020 to 05.05.2020 , 5 days	Sky campus, ICT Academy (online)
20	Webinar on The Power of A Teacher	04.05.2020, 1 day	Sky campus, ICT Academy (online)
21	Webinar on Enhancing Research Effectiveness using Scopus, Sciencedirect and Mendeley	01.05.2020, 1 day	Faculty Development Centre (online)
22	Faculty orientation programme on soft skills and understanding the psychology of current generation students	09.12.2019, 1 day	Syed ammal engineering College, Ramanathapuram
23	AICTE sponsored Two weeks FDP on Modelling, Simulation, Control and Stability Analysis of Power electronic Converters	17.06.2019 to 29.07.2019 (2 Weeks)	Syed ammal engineering College, Ramanathapuram

24	Capacity building workshop for professors on Personality Profession and Passion	25.06.2019 (1 day)	Syed ammal engineering College, Ramanathapuram
25	National Level workshop on How to write good scientific project proposals	04.08.2018 (1 day)	Syed ammal engineering College, Ramanathapuram

#### Student Development Program Organized

Sl. No	Program	Dates	Venue
1	Institute Innovation Council – EEE Department organized ‘Inter Institutional Idea Competition and Reward for Best Ideas – Manage through YUKTI-NIR’. (Program Coordinator - Prof. M. Paul Jeyaraj, IIC Coordinator, Department of EEE)	28.11.2022, 1 day	Syed Ammal Engineering College, Ramanathapuram(online)
2	Institute Innovation Council Calendar Activity ‘National Energy Conservation Day (India)’ organized by Prof. M. Paul Jeyaraj, IIC Coordinator, Department of EEE.	20.12.2022, 1 day	Syed Ammal Engineering College, Ramanathapuram(online)
3	IIC Idea competition ‘Inter / Intra Institutional Innovation Competition and Reward Best Innovations – Managed through YUKTI-NIR’ organized by Prof. M. Paul Jeyaraj, IIC Coordinator, Department of EEE.	29.03.2023, 1 day	Syed Ammal Engineering College, Ramanathapuram(online)
4	IIC Calendar activity for one-Day Workshop on ‘Creating Awareness on Intellectual Property Rights(IPR)’ organized by Prof. M. Paul Jeyaraj, IIC Coordinator, Department of EEE.	27.04.2023, 1 day	Syed Ammal Engineering College, Ramanathapuram(online)
5	IIC Idea Competition ‘Inter / Intra Institutional Start-up Competition and Reward Best Start-ups – Managed through YUKTI-NIR’ organized by Prof. M. Paul Jeyaraj, IIC Coordinator, Department of EEE.	19.08.2023, 1 day	Syed Ammal Engineering College, Ramanathapuram(online)
6	IIC Idea Competition ‘Inter / Intra Institutional Idea Competition / Challenges / Hackathon and Reward Best Ideas’ organized by Prof. M. Paul	26.09.2023, 1 day	Syed Ammal Engineering College,

	Jeyaraj, IIC Coordinator, Department of EEE.		Ramanathapuram(online)
7	IIC Self Driven Activity 'Problem-Solving Challenges for Engineering Students in Mathematics' organized by Prof. M. Paul Jeyaraj, IIC Coordinator, Department of EEE.	30.11.2023, 1 day	Syed Ammal Engineering College, Ramanathapuram(online)
8	IIC Self Driven Activity - guest lecture on 'Strategic thinking, creativity, and risk-taking to succeed small business entrepreneurship' organized by Prof. M. Paul Jeyaraj, IIC Coordinator, Department of EEE.	11.12.2023, 1 day	Syed Ammal Engineering College, Ramanathapuram(online)
9	IIC Self Driven Activity - Innovation and Design Thinking - guest lecture on 'Multistage Amplifiers and Differential Amplifier' organized by Prof. M. Paul Jeyaraj, IIC Coordinator, Department of EEE.	12.12.2023, 1 day	Syed Ammal Engineering College, Ramanathapuram(online)
10	IIC Celebration Activity 'National Energy Conservation Day (India)' organized by Prof. M. Paul Jeyaraj, IIC Coordinator, Department of EEE.	14.12.2023, 1 day	Syed Ammal Engineering College, Ramanathapuram(online)
11	IIC Calendar activity 'Inter / Intra Institutional Innovation Competition and Reward Best Innovations' organized by Prof. M. Paul Jeyaraj, IIC Coordinator, Department of EEE.	27.12.2023, 1 day	Syed Ammal Engineering College, Ramanathapuram(online)

#### **Acted as a reviewer in the following international journals and conferences**

- 2016 International Conference on Advanced Communication Control and Computing Technologies (ICACCCT 2016).

#### **Areas of Interest**

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- *Embedded systems, Microprocessor and microcontrollers, Power Electronics, Basic Electrical, Soft Computing Techniques and Cryptography and Network Security.*

#### **Contact Address**

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