Name:	
D.ARULSELVAM	
Designation:	ASSOCIATE PROFESSOR
Qualification:	M.TECH (pursuing Ph.D.)
Area of Specialization:	POWER ELECTRONICSAND DRIVES
Experience:	Teaching- 15years 6 months
Number of Workshops/ Conferences/ FDP Attended:	No.of Workshops attended : 10 No.of FDP attended :26 No.of conferences attended : 13
Publication:	Journal: 1 International :13 Conference National: 5
Research Guidance:	----
EXPERIENCE	**Sri Sairam Engineering College – Chennai** Designation :Associate Professor /EEE Dept. Period : June 2011 to Till date **Dhaanish Ahmed College of Engineering – Chennai** Designation : Assistant Professor /EEE Department Period : June 2010 to June 2011 **Roles and Responsibilities** ● Department Academic Coordinator ● Certified ISO Internal Auditor

	• Coordinator International Conference • Student Coordinator • Department Maintenance In-charg
ACHIEVEMENTS	➢ Won Best Project Award for guiding the students in "eyantra-Innovation challenge" organized by IIT-Bombay ➢ Organized various innovative projects in various streams under various platforms in inter and intra department level which helps in real time project implementation. ➢ Guided and organized various events in the work environment which include various inspection and accreditation activities and certified ISO Auditor

MEMBERSHIP IN PROFESSIONAL BODY:

- Life Member, Indian Society for Technical Education (ISTE).
- IEEE Membership
- IEI-Institute of Engineers India

PATENT:

- "A Smart Bill Generator In A Digitalized Super Market ", published in the Official Journal of the Patent Office No.202041045439 on 30/10/2020

- "IOT Based Automated Toilbots " published in the Official Journal of the Patent Office No.202041045366 A on 19/10/2020.

PUBLICATIONS "Voltage Sag Compensation Using Dynamic Voltage Restorer **International Journal of Engineering and Advanced Technology (IJEAT)** ISSN: 2249 – 8958, Volume-8, Issue-6, August 2019

The Neoteric Solution for Addressing the Fire Accidents and Train Collisions International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8, Issue-6, August 2019

Security and Health Monitoring System of the Baby in Incubator International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8, Issue-6, August 2019

Smart Protection Scheme For Radial Distribution System Open Access International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8, Issue-6, August 2019.

Robotic Hand Gesture System with GSM and Camera Control Journal of Critical Reviews ISSN- 2394-5125 VOL 7, ISSUE 04, 2020.

Space cloud in cubesat-Consigning expert system to space, AIP Conference Proceedings2518,Issue 1,Pages100001, AIP Publishing LLC

Energy efficient cluster head selection and routing protocol for
AIP Conference Proceedings2518,Issue 1, Pages 060001,Journal AIP Conference Proceedings Volume.

Study of Various Machine Learning Algorithms for use with Automatic Speech Recognition, 2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS).

Analysis of mineral density in bone using deep learning and smart tracking system, 2022 International Conference on Communication, Computing and Internet of Things (IC3IoT)

Precised and Efficient Mobile Solar Tracking System with amicable power consumption, 2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)

IoT Based Robot for Domestic Surveillance Using ESP-NodeMCU, 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS).

Seed Sprinkling Agribot with Irrigation Processor, 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS).

Flexible Strategy in Distributed Generation with Demand Side Management, 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)

Intelligent Farming System Using Artificial Intelligence, 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS).

IoT Based Accident Response System, 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS).

WORKSHOP /FDP:

1. Faculty Development Programme on 'MATLAB Applications in Electrical Engineering" on Mar 2012 organized by the Department of Electrical and Electronics Engineering, Sri Sai Ram Engineering College. 2. Attended a seminar on "Current trends and Future role of"Renewable Energy" on 8th & 9th October 2013 Sponsored by AICTE at Sri Sai Ram Engineering College.

3. Presented a paper titled "Role of IDVR in Power System" in the National Level Conference on Emerging Trends in Micro/Nano Electronic Technology organized by SAVEETHA School of Engineering.

4. Attended the short term training programme on "MATLABsimulation of Power Electronics Circuits" on 21st to 23rd April 2015 organized by the Department of Electrical and Electronics Engineering, Sri Sai Ram Engineering College.

5. Attended the Faculty Development Programme on "Digital Simulation of Power Electronics Circuits Through PSPICE software on 15th to 18th August 2015 organised by the Department of Electrical and Electronics Engineering, Sri Sai Ram Engineering College.

6. Attended the Faculty Development Programme on "Microcontroller Based System Design" on 20th to 27th June 2016 organized by the Department of Electrical and Electronics Engineering, Sri Sai Ram Institute of Technology, Chennai.

7. Attended the Faculty Development Programme on "Programon Electrical Simulation Software" on 6th to 10th November 2017 organized by the Department of Electrical and Electronics Engineering, Sri Sai RamEngineering College.

8. Attended the AICTE Sponsored Faculty Development Program on "Design of Micro optical Components using Advanced Software Tool " on 27th Nov to 9th Dec 2017 organized by the Department of Electrical and Electronics Engineering, Gandhi Institute for Technological Advancement 9. Attended the International Webinar on "Research Opportunities in Power Systems employing advanced FACTS Controllers" on 12th June 2020 conducted by Department of Electrical and Electronics Engineering, Rajalakshmi Engineering College, Chennai

10. Attended the International Webinar on "Power Conditioning System for Remote Micro grid and Reliability Assessment" on 13th June 2020 organized by the Department of Electrical and Electronics Engineering Jerusalem College of Engineering, Chennai.

11. Attended the AICTE Training And Learning (ATAL) Academy Sponsored Faculty Development Program on "Energy Audit" organised by Vishwakarma Institute of Technology.

12. Attended the AICTE Sponsored Faculty Development Program on "Advanced Power Electronic Applications in Power Systems" organised by the Department of Electrical and Electronics Engineering, SASI Institute of Technology & Engineering,Tadepalligudem, West Godavari. 13. Attended the AICTE Training And Learning (ATAL) Academy Sponsored Faculty Development Program on "ROBOTICS" on 2nd to 6th November 2020 organized by Motilal Nehru National Institute of Technology Allahabad, Prayagraj.

14. Attended the Faculty Development Program on Research Innovations and Emerging Advances in Electrical Engineering. organized by Easwari Engineering College.

15. Attended the Faculty Development Program on Renewable Energy Systems Laboratory organized by SSN College of Engineering, Chennai

16. Two Weeks National Level Virtual Workshop on Advanced Research Methodology organized by SRM Institute of Science and Technology, Ramapuram.

17. . Attended the Anna University Sponsored Faculty Development Program on "Energy storage Systems" organized by   Sri Sai Ram Engineering College.

18. Attended the Faculty Industrial Training in Uniclean Technologies Private Limited from 26/12/2024 - 03/01/2025

19. Attended the AICTE Training And Learning (ATAL) Academy Faculty Development Program on Advanced Technologies for Smart Power Systems organized by Noorul Islam Centre for Higher Education from 10/02/2025 to 15/02/2025.

20. Attended the SIRD Training Panchayat Administration And Rural Developement Scheme. 19/05/2025 - 24/05/2025.

21. Attended the Faculty Development Program on Electric Vehicle Chaginh and Integration to Grids organized by Sri Sai Ram Institute and Technology. 16/02/2026 - 20/02/2026.