




## AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Nizara Educational Campus, Muthapudupet, Avadi IAF, Chennai – 600 055.

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### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

<b>NAME &amp; INITIALS</b>	Arun.G	
<b>DESIGNATION</b>	Assistant Professor	
<b>EDUCATIONAL QUALIFICATION</b>	B.E., M.E.,	
<b>EXPERIENCE</b>	6.5 YEARS	
<b>DATE OF JOINING</b>	02.01.2023	
<b>EMAIL ID</b>	arun.g@aalimec.ac.in	
<b>AREA OF SPECIALISATION</b>	Power System Engineering	

### EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
B.E	Electrical and Electronics Engineering	C M S College of Engineering and Technology, Coimbatore.	Anna University	2010-2014
M.E	Power System Engineering	Velammal College of Engineering and Technology, Madurai	Anna University	2014-2016

### PROFESSIONAL MEMBERSHIPS

NIL

### NPTEL COURSES ATTENDED

1.Control Systems

2. Operation and Planning of Power Distribution Systems

### FDP ATTENDED

1. Attended Faculty development program under the title “**Advancements in Process Control system**” one week program by ICT academy held at dhaanish Ahmed College of engineering Chennai.
2. Attended Faculty development program under the title “**Android and Smart Devices**” held at Dhaanish Ahmed College of Engineering Chennai.
3. Attended Five days Faculty development program under the title “**Renewable Energy Systems**” RVS college of Engineering and Technology Coimbatore.
4. Attended Six days Faculty development Program under the title “**Transmission and Distribution**” held at Velammal College of Engineering and Technology Madurai.
5. Attended NPTEL Faculty Development Program under the title “**Operation and Planning of Power Distribution Systems**”.
6. Attended Five days ICT Mode STTP on “**Student Mentorship (ICT167)**” conducted by NITTTR Kolkata.
7. Attended Five days ICT Mode STTP on “**Programming and Automation using PLC (ICT177)**” conducted by NITTTR Kolkata.
8. Attended Five days ICT Mode STTP on “**Artificial Intelligence (ICT186)**” conducted by NITTTR Kolkata.
9. Attended Five days ICT Mode STTP on “**How to write Thesis and Research Paper (ICT193)**” conducted by NITTTR Kolkata.

### WORKSHOPS ATTENDED

1. Attended the Five Days Workshop on Stair Way Engineering Pvt. Ltd. Under the title “**Embedded System Design**”.
2. Attended the Ten Days Workshop on Barani Hydraulics Pvt. Ltd. In the “**Programmable Logic Controllers Panel Board Designing**”.

### SEMINARS/WEBINARS ATTENDED

1. Attended the Webinar on “**Grid Connected and Standalone Solar PV plant using PVsyst**” held at St.Joseph Institute of Technology Chennai on May 21 2020.
2. Attended the Webinar on “**Research paper Writing for Scientific Journals**” held at Kalaignar Karunanithi institute of technology Coimbatore on May 22 2020.
3. Attended the Webinar on “**Electric Vehicle Design**” held at Sri Ramakrishna Institute of Technology Coimbatore on May 25 2020.
4. Attended the Webinar on “**Recent Trends in mitigation of Voltage Sag and swell using direct converters**” held at CMS College of Engineering and technology Coimbatore on May 26 2020.
5. Attended the Webinar on “**State of art Research in Power Systems and Drafting Research article**” held at Vaagdevi Engineering College Hyderabad on May 27 2020.

6. Attended the Webinar on “**Power Quality Improvement Techniques**” held at Dhaanish Ahmed College of Engineering Chennai on May 29 2020.

7. Attended the Webinar on “**Current Employment Skills on IT**” held at Rathinam Technical Campus on May 5 2020.

#### **PUBLICATION DETAILS**

1. Published in International journal of Research in Advanced technology titled “**An Adaptive Differential Evolutionary Algorithm for Reactive power Dispatch**” Vol. I, Issue. III on December 2015.

2. Published in IEEE Explorer titled “**Flower Pollination Algorithm for Reactive Power Dispatch Using Unified Power Flow Controller**” on April 2020.

3. Published in International journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering titled “**Integration of Electric Vehicle Power with Grid, Home and Electrical Vehicle**” Volume 10 issue 5 on May 2021.

#### **CONFERENCE DETAILS**

1. Participated in National level Conference on Electronics, Control and Power Engineering and Project Expo (NCECPE'14) under the title “**Parametric Monitoring and Controlling of Single Phase Induction Motor**” held in CMS CET on March 2014.

2. Participated in National Conference on Electrical Energy Systems under the title of “**An Adaptive Differential Evolutionary Algorithm for Reactive Power Dispatch**” held at VCET on January 2016.

3. Participated in National Conference SCAC 2020 titled “**Artificial Intelligence based smart wheel chair for quadriplegic Persons**” held at PSNACET on March 2020.

4. Participated in international Conference on Electrical Energy Systems under the title of “**Flower Pollination Algorithm for Reactive Power Dispatch using unified Power Flow Controller**” held on February 2021

5. Participated in International conference on Future Advancements in Mechanical Engineering (ICFAME'22) under the title of “**Co designing Smart lighting and communication for visible light networks**” held in Jai Shriram Engineering College on May 27 2022.

6. Participated in National conference on Recent Trends in Science, Engineering and Technology (NCRTSET'22) under the title of “**Co designing Smart lighting and communication for visible light networks**” held in TJS Engineering College on June 2022.

7. Participated in International conference on Recent Convention in Applied Science, Engineering and Technology (I-RCAET'22) under the title of “**Co designing Smart lighting and communication for visible light networks**” held in Jaya Institute of Technology on June 24 2022.

### ACHIEVEMENT DETAILS

1. Filed a Patent Titled “**An Automatic Vehicle Wheel Rim Cleaning Machine**” Application Number-202141026266 dated on 27<sup>th</sup> June 2021.

2. Got Award as a **Evaluator** from National Children Science Congress 2022.