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## Objective

Seeking a position to build a Career in teaching at the institutions of higher learning and contribute to the growth of the institution and in turn realize my own growth.

## Academic chronicle

Academic Year	Course	Aggregate
2012	<b>M.E. Power System Engineering</b> Sona College of Technology, Salem.	<b>99.32%</b> (GOLD MEDALIST)
2010	<b>B.E. Electrical &amp; Electronics Engineering</b> Sona College of Technology, Salem.	<b>83.8%</b> (1st Class with Distinction)
2006	<b>Higher Secondary School Education</b> Fatima Girls Higher Secondary School, Omalur.	<b>88.9%</b>
2004	<b>Secondary School of Education</b> Fatima Girls Higher Secondary School, Omalur.	<b>96%</b>

## Experience

- Working as Lecturer in the department of Electrical and Electronics Engineering in Thiagarajar polytechnic college, Salem from May 2015 to till date.
- Worked as an Assistant Professor in the department of Electronics and Instrumentation Engineering in Mahendra Engineering College, Namakkal since June 2012 to January 2014.

## Area of Interest

- High Voltage Insulation systems
- Power System Analysis
- Electrical Machines
- Transmission and Distribution

## Technical Skills

- Basics in MATLAB Simulation

## Project Details

### PG Project

**Project Title:** LFC with Time Delays using GA Tuned Fuzzy Logic Controller

**Project Description:** The balance between generation and load in a power system in advance is achieved by using time delays and the performance will be increased using GA tuned fuzzy logic controller.

### UG Project

**Project Title:** Underground Cable Fault Locating System

**Project Description:** The objective of our project is to detect the distance of the fault in the underground cable and directly display the result by using LabVIEW software. Here with the help of pulse generation circuit we generate a pulse and the pulse is transmitted through the U.G. cable. If there is any fault or impedance mismatching, then the pulse gets reflected and the time difference between two pulses are determined.

### Mini Project

**Project Title** : Pot Plant Power

**Project Description:** Our project mainly aims at getting power from the pot plant. The plant here acts like a batter and any conducting material acts as positive and negative terminals of the battery. The chlorophyll content in the plant acts as electrolytic solution. Thus the power obtained from this pot plant is used to run the seconds needle in the table clock.

### Inplant Training

- BSNL (Salem), 2007.
- Megawin Switchgear-P-Limited (Salem), 2009.

### Awards and Accolades

- Gold Medalist in M.E (Power System Engineering).
- Class Topper in all **Four Semesters** in M.E.
- First prize awarded for the mini project “POT PLANT POWER” in the year 2008-2009.
- Got proficiency award in power System Analysis in the year 2008-2009.
- Secured second place in the academic year 2007-2008.
- Got proficiency award in transmission and Distribution, Digital Logic Circuits and power system analysis.
- Scored school second in 12th standard during 2005-2006.
- Scored school first in tenth standard during 2003-2004.

## **Paper Presentation**

- Presented a paper on “An Intelligent Controller for Load Frequency Control with Time Delays” in National conference, IRTT, Erode on 29<sup>th</sup> February 2012.
- Presented a paper on “Load Frequency control with time delays Using GA tuned Fuzzy Logic Controller” in National conference, Sona College of Technology, Salem, on 29<sup>th</sup> March 2012.
- Published a paper on “Load Frequency Control for Three Area System with Time Delays using Fuzzy Logic Controller”, in International Journal of Engineering Science and Advanced Technology(IJESAT), Volume-02, Issue-03 , May-Jun 2012
- Presented a paper on “FGSPIC Based LFC and AVR of in Two Area Interconnected Power Generating System” in International Conference on Controls, Communications and Systems -2012, Mahendra Engineering College, Namakkal , on 15<sup>th</sup> September 2012.
- Presented a paper on “Load Frequency control for Three Area System with Time Delays using Fuzzy Logic Controller” in National conference, Government college of Engineering, Salem, on 7<sup>th</sup> March 2013.

## **Effective Participation in Various Seminars / Workshops / Faculty Development Programs**

- Participated in national level workshop on “Latest Trends in Neural Network and Fuzzy Logic Controller” at Bannari Amman Institute of Technology on 11<sup>th</sup> & 12<sup>th</sup> October 2011.
- Participated in national level workshop on “Fuzzy Logic Controller” at Mahendra Engineering College on 26<sup>th</sup> March 2012.
- One day workshop on “Mind without Fear” on 8th September 2012.
- Attended IITM, Chennai Sponsored One day workshop on “NPTEL Awareness Program” at Mahendra Engineering College on 27th Nov 2012.
- Organized ISTE sponsored personality development Programme on “IGNITE” at Mahendra Engineering College from 18th – 20th February 2013.
- Organized one day seminar on “Embedded Solutions Engineering” at Mahendra Engineering College, on July 2013.

## **Administrative Responsibilities**

- NBA Incharge
- Micro Controller Lab Incharge
- Organized Guest Lecture Programme
- Additional Class Advisor for 2010-2014 batch
- Class Advisor for 2009-2013 batch
- Organized Personality Development Programme
- Assistant Placement Coordinator
- Department News Reporter
- Transducer lab In Charge

### **Extracurricular Activities**

- IE(I) Life Time Member
- ISTE Life Time Member
- School People Leader during 2004-2005.
- Member of Youth Red Cross (YRC) from 2007-2010.
- Member of national service scheme (NSS) from 2004-2005.
- Member of Bharat Scouts and Guides from 2000-2003.
- Completed Pravesika exam in 2002.

### **Professional Competencies**

- Effective Communication
- Self Motivation for achieving targets and multiple tasks
- Learning Ability for updating the latest technologies from time to time
- Smart worker

### **Recently Handled Subjects**

- Electrical Drives and Control with 100% result
- Biomedical Instrumentation with 100 % result
- Transducer Engineering with 87.5% result