

RESUME

Dr.J.JEHA

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AREAS OF INTEREST

Power System
Facts Controller
Control System
Circuit Analysis
Electrical Machines

EDUCATION

Doctor of Philosophy

Specialization

Institute

Awarded

Ph.D

: **Power Systems**

: **Anna University,Chennai**

: Dec 2019;First class

Master of Engineering

Major

Institute

Post Graduation

M.E

: **Power Systems**

: **Annamalai University, Chidambaram**

: May 2005;First class

Bachelor of Engineering

Major

Institute

Graduation

B.E

: **Electrical & Electronics Engineering**

: **Sri Siddhartha Institute of Technology
Tumkur,Bangalore University**

: Mar 2000 ;Second class

SSLC

: Amala Convent High School,Thuckalay.
(434/500)

HSC

: VKP Hr.Sec School,Colachel.
(835/1200)

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CAREER SYNOPSIS

Teaching Experience :

- *Delivered class lectures for undergraduate and postgraduate students.
- *Conducted experiments in practical classes for the students.
- *Supervised undergraduate and postgraduate students in their mini projects and project works.
- *Evaluated and graded students' classwork, assignments and assessment papers.
- *Implemented a new creative method of teaching/coaching which improved the academic results.
- *Possess an interactive teaching style that encourages student participation and enthusiasm while facilitating learning.
- *Possess high degree of flexibility, creativity, resourcefulness, commitment and optimism.
- *Possess an excellent teaching experience and abilities to train teachers do their best.
- *Highly motivated enthusiastic and dedicated educator who wants all students to be successful learners.
- *Acted as an exam proctor in Anna University examinations.
- *Attended central valuations in Anna University examinations.
- *Serviced as an Anna University Representative during end semester examinations.
- *Possess a strong experience of handling college administration duties when acted as a principal.
- *Developed an excellent communication, problem solving and organizational skills.
- *Serviced as an invigilator in competitive examinations such as NEET.

PROJECTS

Ph.D

Estimation of dynamic parameters of a two area power system using intelligent techniques

M.E

Determination of three phase squirrel cage induction motor efficiency using adaptive evolutionary programming technique.

B.E

Design of thyristor convertor for speed control of DC motor for machine tool application.

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PROFESSIONAL OBJECTIVE

Seeking excellence in the chosen professional field through self-motivation and hard work. Striving to achieve excellence through selective and focused pursuit of the short and long-term goals and trying to create an environment through my chosen organization and work field where knowledge and excellence are given their due.

FAVORABLE PERSONALITY TRAITS

Commitment to work, adaptability, goal oriented person, problem-solving abilities, good coordination and persuasion skills.

PERSONAL DETAILS

Date of Birth : 26 Jan 1975
Sex : Female
Religion : RC Christian
Marital Status : Married
Husband : Mr.C.Jacob Cross
Nationality : Indian
Languages Known : English
Tamil
Malayalam
Kannada

SEMINAR ATTENDED

- National seminar on Optimization issues related to VLSI and Power System sponsored by the Department of Information Technology, Government of India and jointly organized by the Department of Electrical & Electronics Engineering,DMI Engineering college,Aralvaimozhi on 17th March 2012.
- International seminar on Advanced Science & Technology organized by Vins Christian college of Engineering,Chunkankadai on 1st November 2010.
- Webinar on 'Stability Analysis and Challenges in Electrical Networks' organised by Department of Electrical and Electronics Engineering at Loyola Institute of Technology and Science, Thovalai on 29/7/2020
- Webinar on 'Evolution of Wireless Technologies' organised by Department of Electronics and Communication Engineering at Loyola Institute of Technology and Science, Thovalai on 30/7/2020

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WORKSHOP ATTENDED

- National level workshop on Applications of FACTS for Distributed Generation System organized by the Department of Electrical & Electronics Engineering, Udaya School of Engineering on 5th October 2012.
- National level workshop on EHV Transformers and Circuit Breaker Diagnostics organized by the Department of Electrical & Electronics Engineering, Satyam College of Engineering on 16th February 2013.
- Online workshop on Universal Human values organised by All India Council for Technical Education on October 5 to 9, 2020

CONFERENCE ATTENDED

- International conference on Emerging Technologies in Computing, Control, Communications and Construction Technologies organized by Arunachala College of Engineering for Women on 12th and 13th April 2016 presented a paper entitled MODEL PREDICTIVE CONTROLLER FOR DAMPING OF POWER OSCILLATION IN WIDE AREA NETWORK.

LIST OF PUBLICATIONS

- Jeha, J., Raja, S.C. An Adaptive method for improving the Dynamic Performance of Two Area Power System using CS based neural network”
International Journal of Manufacturing Technology and Management
DOI : 10.1504/IJMTM.2017.10009741

Vol.35, No.2, 29 April, 2021
- Jeha, J., Raja, S.C. Estimating and Developing the Dynamic Parameters of Two Area Power System using Enhanced BAT algorithm”
International Journal of Manufacturing Technology and Management
- Jeha, J., Raja, S.C. ABC algorithm for estimation of Dynamic Parameters in a Two Area Power System transfer path
International Journal of Operational Research
DOI : 10.1504/IJOR.2020.10011648

WORKING EXPERIENCES

Udaya School of Engineering, Vellamodi
Lecturer/EEE - Jul 2006 -Sep 2009

Vins Christian College of Engineering, Chankankadai
Lecturer/ECE - Sep 2009 -Dec 2011

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Rajas Institute of Technology for women,Nagercoil -
AP/HOD/EEE - Jan 2012 –June 2016
Principal in charge - July 2016 - Oct 2017

James College of Engineering,Navalcadu
Principal in charge - Nov 2017 - Dec 2019

Loyola Institute of Technology and Science,Thovalai
AP/HOD/EEE - Aug 2020 - May 2022

Declaration

I hereby declare that the above said information is true to the best of my knowledge.

JEHA.J