

R.ANAND

Associate Professor

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Academic Background: Pursuing Ph.d (faculty of EEE)
M.E. (Power Electronics and Drives), **Bannari Amman Institute of Technology**, Anna University, 2005
B.E. (Electrical and Electronics Engineering), The Indian Engineering College, M.S.University, Tamilnadu, 2003.
Diploma (Electrical and Electronics), K.N.S.K polytechnic, DOTE in 2000

Areas of interest: Power electronics, Machines, Drives

Subjects handled: Transmission and Distribution, Power Electronics, Special Electrical Machines, Electrical Engineering, Basic electrical and electronics and engineering, Electrical Machines – I, Electrical Machines-II, Control Systems, Power System Analysis, Solid State Drives, Electric Circuits, Electronic Devices & Circuits, Principles of Management, Micro controller based System Design, Analysis of Power converters, Principles of Robotics, Control of Electrical Drives

Software Proficiency: MATLAB, PSPICE

Experience:

Academics: (8 Years, 6 Months)

Jan 2006 To June 2014 **Associate Professor**, Department of Electrical and Electronics Engineering, National College of Engineering, Tirunelveli.

Other responsibilities:

- Department Time table coordinator
- Department Placement coordinator

Professional Association Life Member in ISTE

Activities

International Journals/ Conferences

- Presented a paper on “Series resonant converter based unified power quality conditioner using fuzzy controller” in the International conference organized by the department of Electrical and Electronics Engineering held on 22nd and 23rd April 2014.

	<ul style="list-style-type: none"> Presented a paper titled as, "Fuzzy Controlled Switched Capacitor Based Resonant Converter with and without Phase Shift" at International Conference on Emerging Technologies Trends in Advanced Engineering Research [ICETT 2012], 2012 February. Published a paper titled as, "Comparison of PID and Fuzzy Controlled DC to DC Converter with Inductor Resistance" at International Journal of Engineering Sciences and Research Technology on August 2013.
Conferences/Seminars/ Workshops participated	<ul style="list-style-type: none"> Attended One day Seminar on Optimization Techniques in Electrical Systems at NCE, Maruthakulam on 12-11-2013 Attended One day NPTEL workshop at NCE, Maruthakulam on 05-10-2012 Attended One day workshop on Recent Development in Soft Energy Technology and ENERGY EXPO on 26-07-2012 Attended 10 Days workshop on Introduction to Research Methodology at NCE, Maruthakulam from 25-06-2012 to 04-07-2012. Attended One day seminar on Evolutionary Computation at NCE, Maruthakulam on 07-03-2012 Attended One day workshop on Recent Research Techniques in Power System at NCE, Maruthakulam on 10-08-2011 Attended Two days FDP on Neural Network and Fuzzy Logic Control at NCE, Maruthakulam on 20 and 21-11-2009. Attended FDP on Soft Computing on Power converters at Arunachala College of Engineering for woman from 28-05-10 to 06-06-10 Attended one day workshop on Genetic Algorithm for Power System Optimization at Infant Jesus College of Engineering on 20-09-08 Attended Two days workshop on Goal Oriented System Modeling and Identification at Annamalai University on 07-01-09 and 08-01-09
Events Organized/ Conducted	<ul style="list-style-type: none"> ISTE Sponsored One day Seminar on "Evolutionary Computation, March 2012