

## Qualification

- 1992-1996- B.E(Electrical and Electronics Engineering)
- 2004-2006-M.E(Power Electronics and Drives)
- PhD Quasi Impedance Source Network based DC-DC Converter

## Experience

- 1999-2001- Lecturer-Government Polytechnic College-Trichy.
- 2001-2004- Lecturer- M.I.E.T. Polytechnic College-Trichy.
- 2006 –Assistant Professor - M.N.S.K Engineering College.
- 2006- 2009- Assistant Professor- Trichy Engineering College.
- 2009 to Till Date- Assistant Professor- University College of Engineering.

## Workshop/Seminar/ FDP Attended

- A TEGIP sponsored One day Workshop on “Biologically inspired Algorithms for digital Signal processing Application” at National Institute of Technology-Trichirappali on 17 th April 2008.
- A DRDO sponsored National level two day Workshop on “Modern Simulation Tools – MPST 10” at Saranathan College of Engineering- Trichirappalli during 24 & 25 th November 2010.
- Two day workshop on “Energy Management and Conservation in Modern Buildings” at Anna University Technology- Trichirappalli on 20 & 21 th December 2010.
- MNRE sponsored National level Seminar on “Renewable Energy Sources Integration in Micro grids” at Paavai College of Engineering on 20 th July 2013.
- An AICTE sponsored two week Faculty Development Program on “ analysis, Operation and Control of Restructured power Market” organized by Pondicherry Engineering College- Puducherry from 27th May to 7th June,2013.
- TEQIP II sponsored one week Faculty Development Programme on “Soft Computing Techniques in Electrical Engineering” conducted by BIT CAMPUS-Tiruchirappalli from 19th to 25th August 2013.
- A one week Faculty Development Programme on “ Research Avenues in Power Electronics” organized by BIT CAMPUS-Tiruchirappalli, from 9th to 15th December 2013.

## Conference Attended

### National

- Presented a Paper titled “New Z-source Inverter for ASD System “organized by Mepco schlenk Engineering College on 3rd & 4 th Feb 2006.
- Presented a Paper titled “Impedance Source Inverter” at Recent Trends in Electrical, Electronics, Instrumentation and communication Engineering organized by Mahendra Engineering College on 17th April 2006.
- Presented a Paper titled “Hybrid Resonant and PWM Converter with high Efficiency and Full Soft Switching Range” organized by Mother Teresa College of Engineering & Technology.

## International

- Presented a Paper titled “A Simple Boost Shoot Through Control for Single phase Cascaded Quasi ZS network based DC-DC Converter” in the TEQIP II sponsored Conference on “Energy and Environmental Engineering” held in the Petrochemical Technology , Anna University, BIT Campus during 6th & 7th November 2014.

## Journal Published

### International

- N.Shobanadevi : Dr.V.Krishnamurthi : Dr.N.Stalin, “A FB Hybrid resonant Boost DC – DC Converter with ZVC Switching”; International Journal of Scientific Research and Publication; ISSN 2250 3153; Volume 03; Issue 6; pp. 1-6 (2013).
- N.Shobanadevi : Dr.V.Krishnamurthi : Dr.N.Stalin “Simple Boost Shoot Through Control for Single phase Cascaded Quasi Impedance Source Network DC-DC Converters” ; International Journal of Applied Engineering Research; ISSN 0973 4562; Volume 10; No 5 (2015); pp.13027-13042; Research India Publication; India.
- N.Shobanadevi : Dr.V.Krishnamurthi : Dr.N.Stalin “PISB Control of Single Phase Quasi Impedance Source DC-DC Converter” tentatively Scheduled for July 2015 issue; Indian Journal of Science and Technology (ISSN: 0974 5645); Indian Society for Education and Environment; India ; July 2015,8, pp.1-10.
- N.Shobanadevi : Dr.V.Krishnamurthi : Dr.N.Stalin “A Simple Boost Shoot through Control for Single phase Quasi ZSI Converters Based on Voltage Doubler Rectifier” ; Przegląd Elektrotechniczny (ISSN 332097); Wydawnictwo SIGMA; R. 91 NR 9/2015 Poland.

## Awards

- Best Paper Award Paper titled “A Simple Boost Shoot Through Control for Single phase Cascaded Quasi ZS network based DC-DC Converter” in the TEQIP II sponsored Conference on “Energy and Environmental Engineering” held in the Petrochemical Technology , Anna University, BIT Campus during 6th & 7th November 2014.
- Academic Excellence Award of Master degree for the year 2006.
- Awards received from Government of Tamilnadu Department of Technical Education for guiding best project ” Multichannel Remote Control With Fan Speed Control” during the year 2002-2003 securing THIRD place in the Region III (36 Polytechnic College).

## Contact Address

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