B.NISHANTHI
Designation
Department of Electrical & Electronics Engineering
PSG College of Technology, Coimbatore – 641 004
e-mail: bni@eee.psgtech.ac.in

EDUCATION

POSTGRADUATE

(May/2012)   Power Electronics
                 Government College of Technology, Coimbatore
                 Anna University

UNDERGRADUATE

(May/2010)   Electrical and Electronics Engineering
                 Anna University
                 Chennai

EXPERIENCE

01.06.2012/ Till date   Assistant Professor (Sr. Gr.)
                            PSG College of Technology, Coimbatore

COURSES HANDLED

UNDERGRADUATE
- ❖ Basics of Electrical and Electronics Engineering
- ❖ Principles of Communication Engineering
- ❖ Electronic Circuits
- ❖ Personal Computer Systems
- ❖ Generation, Transmission and Distribution
- ❖ Renewable Energy Sources

POSTGRADUATE
- ❖ Soft Computing
- ❖ Personal Computer Systems

RESEARCH AREAS

- ❖ Power Electronics and Drives, Power Electronic Hybrid Systems, Renewable Energy Sources
- ❖ Control Strategies for Facts Devices
- ❖ Soft Computing Techniques,Internet of Things

PUBLICATIONS

INTERNATIONAL JOURNALS

- ❖ **Dr.R.Rajeswari, B.Nishanthi** "Power Quality Improvement using Power Electronics Hybrid System in a Primary Distribution Network", International Journal of Scientific and Engineering Research,Vol 1,Issue No .6

NATIONAL CONFERENCES

- ❖ **Dr.R.Rajeswari, B,Nishanthi** "Power Quality Enhancement Using Hybrid Power Filter in a Primary Distribution Network", National Conference on Trends in Electronics, Instrumentation, Embedded System & Automation (TRENDS'12), March, 30-31, 2012 at Karunya University, Coimbatore, India.

SEMINARS / CONFERENCES ATTENDED

- ❖ TEQIP –II sponsored One Week Faculty Development programme on **"Research Perspective of Signal Processing",** organized by Department of Electronics and Communication Engineering, PSG College of Technology**,** 5-11,Aug 2016.
- ❖ TEQIP –II sponsored One Week Faculty Development programme on **"Internet of Things for Emerging Application",** organized by Department of Information Technology, PSG College of Technology**,** 28-30,July 2016.
- ❖ TEQIP –II sponsored One Week Faculty Development programme on **" Real-Time Embedded Systems and Internet of Things (IoT)",** organized by Department of Electrical and Electronics Engineering, PSG College of Technology**,** 22-28,June 2016.
- ❖ TEQIP –II sponsored Short Term Course on **"Teacher Effectiveness – Nurturing your Well Being**", 6th-7th December 2015, IIT Hyderabad.
- ❖ Seminar on **"Solar Installations, Economics, Business Opportunities and New Trends in Solar Energy Systems",** 11th-12th August 2015, PSG IAS.

❖ AICTE Sponsored One Week QIP Short Term Course on **"Advances in Solar Energy Technologies"**, 9-15 Dec, 2014, IIT Delhi

❖ TEQIP – II sponsored One Day Research Seminar on **"Effective Teaching & Research"**, Nov. 23, 2013, PSG College of Technology.

❖ AICTE Sponsored One Week QIP Short Term Course on **"Dynamics and Control in State-Space (DCSS_13)"**, 6-10 May, 2013, IIT Bombay

SPECIAL LECTURES DELIVERED

❖ **MATLAB Applications to Modeling & Simulation of Power Electronic Systems**, 28–29 Mar. 2014, PSG College of Technology

PROJECT GUIDANCE / SUPERVISION

❖ Number of UG Projects Guided   :   **12**