

## **R. DIVYA**

**Assistant professor**

**Department of Electrical & Electronics Engineering**

**PSG College of Technology, Coimbatore – 641 004**

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### **EDUCATION**

#### **DOCTORATE**

(Pursuing\*)

Biomedical signal Processing  
Anna University, Chennai

#### **POSTGRADUATE**

(June 2010)

Embedded System Technologies  
Anna University Coimbatore  
Anna University, Coimbatore

#### **UNDERGRADUATE**

(May 2008)

Department of Electrical & Electronics Engineering  
Bannariamman Institute of Technology,  
Anna University, Chennai

### **EXPERIENCE**

June 2013 to till date

Assistant Professor  
PSG College of Technology, Coimbatore

June 2010 to November 2011

Assistant Professor  
PSG College of Technology, Coimbatore

### **COURSES HANDLED**

#### **UNDERGRADUATE**

- ❖ Basics of Electrical and Electronics Engineering

#### **POSTGRADUATE**

- ❖ Computer Architecture and Parallel Processing
- ❖ Wireless Sensor Networks

- ❖ Fundamentals of Embedded Software
- ❖ Microcontrollers and Applications
- ❖ Industrial Networking and Standards

## RESEARCH AREAS

- ❖ Biomedical signal Processing
- ❖ Wireless Sensor Networks
- ❖ Embedded Systems

## PUBLICATIONS

### INTERNATIONAL JOURNALS

- ❖ **Mrs. Divya R**, “Heuristic Approach for Discovery and Recovery of Faulty Node in Wireless Sensor Networks”, International Journal of Engineering & technology (IJERT), ISSN : 2278-0181, Vol. 4, Issue 03, March 2015.

## SEMINARS / CONFERENCES ORGANISED

- ❖ Organised TEQIP –II sponsored One Week Faculty Development Programme on **“Real-Time Embedded Systems and Internet of Things (IoT)”** during 22-28, June 2016.
- ❖ Organised a Three Day National Workshop on **“FPGA Based Control of Permanent Magnet & Reluctance Motors for Energy Efficient Industrial Drives”** in Association with Entuple Technologies, Bangalore, during 6-8, 2015.

## SEMINARS / CONFERENCES ATTENDED

- ❖ FDP on **“Learning Improvement Techniques** “Organized by Teaching Learning Centre, IIT Madras from 18- 20<sup>th</sup> 2016.
- ❖ TEQIP II Sponsored FDP on **Internet of Things (IOT)** for Emerging Engineering Applications during 28-30<sup>th</sup> July 2016.
- ❖ TEQIP –II sponsored One Week Faculty Development Programme on **“Real-Time Embedded Systems and Internet of Things (IoT)”**, organized by Department of EEE, PSG College of Technology, during 22-28, June 2016.

- ❖ Workshop on “**High performance computing**”, to be considered by CDAC and Intel organized by Department of Computer Engineering, PSG College of Technology on 12<sup>th</sup> Aug 2015.
- ❖ One-day Workshop on “**parallel Programming - Basics**” by Calligo Technologies, Organized by Department of Computer Science Engineering, PSG College of Technology, Coimbatore, on **June 26, 2015**.
- ❖ Two day workshop on “**Electrical safety and Practices**” conducted by Department of EEE, PSG College of Technology during 23-24, January 2015.
- ❖ TEQIP phase-II sponsored workshop on “**Creative Teaching**” organized by the Educational Technology Centre, PSG College of Technology on 13 January 2015.
- ❖ TEQIP-II sponsored one day” **Hands-on training in effective research documentation using LATEX**”, Organized by PSG College of Technology, on 28 June 2014.
- ❖ One day training course on “**ISO/90001: 2008 Awareness**”, on **22<sup>nd</sup> Jan 2014**.
- ❖ TEQIP-II sponsored workshop on “**Automotive Embedded systems**” organized by PSG College of Technology, on 23 January 2014.
- ❖ TEQIP-II sponsored one week faculty development programme on “**Analysis of Electrical and Electronic systems using MATLAB and PSPICE**”, organized by Department of EEE, PSG College of Technology, during June 20-26, 2013.
- ❖ TEQIP-II sponsored one week faculty development programme on “**Wireless sensor networks**”, organized by Department of ECE, PSG College of Technology, Coimbatore-4, during 15-21, November 2013.

## MEMBERSHIP OF PROFESSIONAL BODIES

- ❖ Associate Member, The Institute of Engineers (India)
- ❖ International Association of Engineers (IAENG)
- ❖ Member of the IAENG Society of Electrical Engineering
- ❖ Member of IAENG Society of Wireless Networks
- ❖ Member in Institute of Research Engineers and Doctors (IRED)

## PROJECT GUIDANCE / SUPERVISION

- ❖ Number of UG Projects Guided : **03**

❖ Number of PG Projects Guided : **15**