

## Registration

### Fee Structure

Members of Faculty:	Rs. 750
Industry Delegates:	Rs 1000
Students & Research Scholars:	Rs: 500

DD in favor of:  
PES UNIVERSITY GENERAL FUND

Soft copy of the registration form and the DD to be mailed to the following mail-id :  
com19pesece@gmail.com

Last Date for registration: 29th July 2019

Contact Nos: 9844166478, 8123372412,  
9535281245

Venue: Seminar hall, 5th floor, B-Block  
RR Campus, 100 Feet Ring Road, BSK 3rd  
stage, PES University, Bengaluru 560085

### Registration form:

Name: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Mobile No: \_\_\_\_\_

DD No.: \_\_\_\_\_

Amount: \_\_\_\_\_

Signature :

Date :

Signature and Seal  
Principal/ HOD

### Chief Patrons

**Dr. M. R. Doreswamy**

Ex-MLC, Govt. of Karnataka  
Founder Chairman, PES Institutions  
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### Advisory Committee

**Dr. Anuradha M.**

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**Prof. V. Mahadevan**

Professor, Dept. of ECE, PESU

### Organizing Committee

**Dr. Vijaya Krishna A.**

Professor, Dept. of ECE, PESU

**Dr. Sanjeev G.**

Professor, Dept. of ECE, PESU

**Prof. Shilpa Hosur**

Asst. Prof., Dept. of ECE, PESU



A one-day workshop on  
**"Technology Trends in 5G"**  
30th July 2019



Organized By  
**Department of Electronics and  
Communication Engineering**

Technically Sponsored By  
**IEEE Communications Society,  
Bangalore Chapter**



**Bangalore  
Chapter**



## About PES University

PES University (formerly known as P.E.S. Institute of Technology) was established as a State Private University under Karnataka Act No. 16 of 2013 on November 19, 2013, and the first academic session of the University started on August 4, 2014. The University offers Bachelors and Masters Programs in engineering, business management, computer applications, architecture, design, law and economics. The vision of the University is to create professionally superior and ethically strong global work force. Host to cutting edge technologies and best of the experts from the industry, the university is a benchmark for quality education. The academic community ensures students get an exposure to issues that are state-of-the-art and relevant to their field of study. PES University is placed 7th on the list of INDIA'S MOST TRUSTED Educational Institutes (Source: TRA, 2014), and is in the list of Top 25 M.Tech colleges in India - (Source: Careerindia)

## About the Workshop

5G communication networks constitute the next generation of mobile Internet connectivity, offering higher data rates and more reliable connections on smart phones and other devices than ever before. Utilizing cutting-edge technologies from recent research, 5G is expected to support massive connectivity - multi-fold faster than current connections - with an average download speed of about 1 Gbps.

5G-based networks will give a huge impetus to the Internet of Things (IoT) technology, by providing an infrastructure needed to carry huge amounts of data, and allowing for a smarter and meaningfully connected world. Expected to be launched across the world by 2020 - alongside the existing 3G and 4G technologies - 5G-based networks will find you no matter where you are!

This workshop is intended to simultaneously serve as a research-driven initiative for PhD scholars, and as a mutually beneficial learning experience to professionals from academia and industry. By bringing together academic researchers and industry practitioners, it provides a comprehensive outlook on the technology trends in 5G.

### Speakers

#### **Niraj Nanavaty**

Nokia Networks,  
Bengaluru

**"5G: Here and Now"**

#### **Dr. Anand Mohan Pappu**

Maxlinear Technologies Pvt Ltd.,  
Bengaluru

**"Circuit Design for 5G"**

#### **Dr. Sanjeev G**

PES University, RR Campus,  
Bengaluru

**"Non-orthogonal Multiple Access"**

#### **Dr. Vijaya Krishna A**

PES University, RR Campus,  
Bengaluru

**"Multicarrier Modulation for 5G"**

#### **Dr. Vamsi Krishna Tumuluru**

PES University, RR Campus,  
Bengaluru

**"5G-Trends in Networking"**