

## 8 Organizing Committee

### 8.1 Chief Patron

Prof. (Dr.) K. Sankaranarayanan, Director,  
National Institute of Technology Puducherry, Karaikal

### 8.2 Patron

Dr. G. Aghila, Professor & Registrar (i/c),  
National Institute of Technology Puducherry, Karaikal

### 8.3 Advisory committee

Dr. R. Saravanane, FIE, Chairman, IE(I), PSC  
Dr. B. Radjaram, FIE, Honorary Secretary, IE(I), PSC  
Dr. R. Nakkeeran, Pondicherry University  
Er. Shanmuga Vadivel, Committee Member, IE(I), PSC

### 8.4 Resource Persons

Faculty members of NIT Puducherry along with faculty members/scientists from IITs, NITs, and DRDO.

### 8.5 Conveners

Dr. Harigovindan V.P., AP/ECE, NIT Puducherry  
Dr. R. Boopathi Rani, AP/ECE, NIT Puducherry

### 8.6 Coordinators

Dr. G. Lakshmi Sutha, HoD & AP/ECE, NIT Puducherry  
Dr. Malaya Kumar Nath, AP/ECE, NIT Puducherry  
Dr. Aniruddha Kanhe, AP/ECE, NIT Puducherry  
Dr. M. Surendar, AP/ECE, NIT Puducherry

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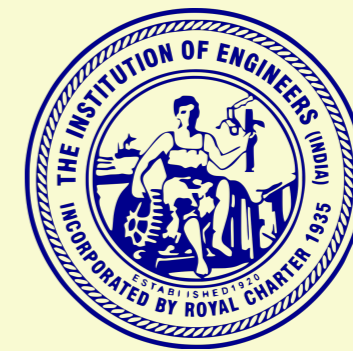
# Five Days Faculty Development Programme on

## Recent Trends in Communication Engineering (online mode)

**September 7-11, 2020**

**Organized by :**

**Department of Electronics and Communication Engineering  
National Institute of Technology Puducherry**  
An Institute of National Importance under the Ministry of Education, Government of India  
Karaikal - 609 609



in association with  
**The Institution of Engineers (India)**  
(Established 1920, Incorporated by Royal Chapter 1935)  
Puducherry State Centre, Puducherry



## 1 NIT Puducherry

National Institute of Technology Puducherry, Karaikal (NITPy), is an autonomous public engineering institute nestled in the scenes of Karaikal, a coastal enclave in the basin of river Kaveri in Puducherry. It is one among the 31 National Institutes of Technology of India and is declared as an Institute of National Importance by Govt. of India under NIT Act, 2007. The institute was established in 2010, starting its intake in the academic year 2010-11. The institution is at a constant attempt of making endeavours to scale new heights by developing a synergy between studies, research, consulting/training activities, and placements. The institute is ranked at **130** under the category of “India Rankings 2020 - Engineering” of the 2020 NIRF rankings, released by the MHRD, Govt. of India.

## 2 About the Department

The Department of Electronics and Communication Engineering offers UG, PG, and Ph.D. courses, with a vision to promote research & development in the frontier areas of electronics & communication engineering and technology. The mission of the department is to enable the students to innovate and excel as eminent academicians, technocrats and entrepreneurs. The department has commissioned a new M.Tech. course in VLSI Design from the academic year 2020-21. The department has numerous research scholars who are working in the institute/sponsored/funded projects of diverse research fields.

## 3 About IEI-PSC

The Institution of Engineers (India) [IEI] is a statutory body to promote and advance the Engineering and Technology, established in 1920 and incorporated by Royal Charter in 1935. The Institution of Engineers (India), Puducherry State Centre (IEI PSC) was established on 31st July 2010. IE (I), PSC Members spread over in Puducherry, Karaikal, Mahe & Yanam with a total strength of 620 Members, with Fellowship, Membership and Associate Membership, besides Student chapter at NITPy (Dept. of ECE & Mechanical), Pondicherry Engineering College (Civil), Manakula Vinayagar Institute of Technology (Mechanical & IT Dept.), Bharathiar college of Engg & Technology (ECE Dept), Rajiv Gandhi College of Engg & Technology (EEE, Mech. & Biomedical). IEI celebrates its centenary year in 2019-20.

## 4 About the FDP

This FDP will provide an opportunity to highlight recent trends and developments in the field of communication systems. It will further give impetus to the participants towards bringing out newer and efficient techniques. Expert invited speakers from both industry and academia with their vast research experience in various fields will arouse the participants for the development of communication engineering. The following topics are focused in the FDP :


- **Secure Communications;**
- **Millimetre Wave Communication;**

- **Communication Protocols for Internet of Things (IoT);**
- **Recent Trends in Meta-material based Devices;**
- **Fuzzy Inference Systems for Optimal Communication Systems;**
- **Non-orthogonal Multiple Access for 5G and Beyond;**
- **Applications of Antennas;**
- **Satellite Imagery & Remote Sensing Data Processing;**
- **Machine Learning Techniques for 5G;**
- **Biomedical Application of Speech Signal Processing;**
- **Simultaneous Wireless Information and Power Transfer;**
- **Design and Implementation of Antennas for Industrial Applications;**

## 5 Who can attend

The faculty members, Ph.D. scholars, UG/PG students, and working professionals from various technical institutes/organizations/industry can attend this FDP. Keeping in view of the unprecedented pandemic situation created due to COVID-19, it is decided to conduct this FDP in online platform. The participants will receive further details regarding the online platform and login credentials will be intimated via E-mail.


## 6 Registration & Important dates

The candidates interested to participate in this FDP are hereby required to pay a registration fees of ₹ 500/- through online mode, to the below mentioned account. Upon paying the registration fees, the participants need to register themselves by filling the google form, which can be accessed using the adjacent QR code. The number of participants is limited to 100, and will be selected on first-come first-serve basis.  **Printed certificates will be sent to the participants to their address of correspondence upon completion of the course.**



**Last Date for Registration : August 31, 2020**  
**Intimation to the Participants : September 1, 2020**

## 7 Payment Details

Pay Online- NEFT/ RTGS in our below given Account. While making online payment, participants are further requested to mention their name in payment remark to enable us to trace your payment in the bank statement. Also, kindly note to add the applicable bank charges, if any, for online payment.  **No Cheque/ DD/ Cash payments are accepted.**

Account Name : NITPY workshop/ conference  
Account Number : 37854338444  
IFS Code & Branch : SBIN0070848, SBI NITPY branch, Thiruvettakudy, Karaikal.