

### How To Reach IIIT Noida

**Metro:** The metro station closest to the IIIT campus is NOIDA CITY CENTER. You can book a taxi/cab, available at metro station for IIIT, Sector-62, Noida.

**Railway:** Noida is well connected to the New Delhi, Old Delhi and Anand Vihar railway stations by bus as well as by Metro. Cabs/taxis can also be hired just outside the railway stations.

### Important Dates

**Duration: July 10-15, 2017**  
**Last date for online registration is 9<sup>th</sup> July, 2017**

### Registration Form

Fill online registration form at <https://goo.gl/forms/b2XzWJ ulX8qonKvX2>

### Registration Fee

Registration fee:  
For external participants:  
Rs.2500/-

For internal participants:  
No Fees

Participants can pay the fees either by demand draft or by cash (at the time of registration). Demand Draft should be in the favor of "Jaypee Institute of Information Technology", payable at NOIDA.

### Accommodation & Support

All the participants would be provided tea/lunch on each day of the FDP, and **NO ACCOMODATION** would be provided on our behalf. All participants will get a certificate.

### IIIT and Department of ECE

Jaypee Institute of Information Technology (IIIT), Noida was established in the year 2001 and has been declared as a "Deemed-to-be University" under Section 3 of UGC Act 1956. The university is accredited by the National Assessment and Accreditation Council (NAAC) of the UGC. IIIT is ranked as 54th best in the country among all Govt./Pvt. Engineering Institutions and recognised the 3rd best in North India among Pvt. Engineering Institutions by NIRF (MHRD) ranking 2017. The UG programs of the university have been accredited by the National Board of Accreditation of AICTE. IIIT's state-of-the-art, environmentally conditioned campus comprises smart buildings with Wi-Fi connectivity covering the Academic Block, Business School cum Research Block, Faculty Residences, Student Hostels and Annapurna. Well-equipped modern laboratories and an intellectually stocked Learning Resource Centre with over 43750 books and 1.7 lacs e-resources provide a pleasant and stimulating ambience.

The Electronics and Communication Engineering (ECE) Department at IIIT runs a

4 year B. Tech. degree program in Electronics & Communication Engineering. Besides running a full time UG program in Electronics and Communication Engineering, the Institute also runs two full time graduate programs with specializations in Electronics and Communication Engineering (ECE) and Microelectronics and Embedded Technology (MET) and Ph.D. degree program in key areas of current technological importance.

For more information visit: <http://www.iiit.ac.in>

### Faculty Development Program

on

### "Recent Trends in Signal Processing"

July 10-15, 2017



**Coordinator**

**Dr. Rajesh Kumar Dubey**

**Organized by**

Department of Electronics & Communication

Jaypee Institute of Information Technology, Noida-201309

## About the Program

Signal processing is concerned with the representation, manipulation and transformation of signals and the information that they carry. It provides techniques for processing acquired time-series data for the purpose of efficient analysis and synthesis. Over the years, it has been developed to give great advancements in the areas of microchips, digital systems and computer hardware. The applications of signal processing are vast and interdisciplinary, ranging from engineering to economics and astronomy to biology. The research in many areas such as signal coding and denoising has paved the path for advancements. Recent decade has witnessed major revolution in communication and processing of digital media. As a consequence solutions to major problems in processing, transmission and reception have made signal processing an integral part of modern electronic systems.

This program will provide an opportunity to highlight recent trends and developments to identify emerging and future areas of growth in these exciting fields. It will further give impetus to the researchers 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 researchers for development of signal processing and communication engineering. With the participation of so many experts, it is expected that this program will help in meeting the future challenges.

## Objective

- To provide recent trends and development in signal processing areas.
- To discuss state-of-the-art developments and emerging techniques in Communication Engineering.

## Coverage Areas

- Signal Representation for Digital Signal Processing
- Time and Frequency Domain Analysis and Applications
- Multi-resolution Analysis
- Signal Processing for Bio-medical signals
- Speech Signal Processing
- Image Processing

## Speakers

A set of prominent speakers from Industry, Academia (IITs and IIIT faculty), who are involved in latest research in Signal Processing will deliver talks on various topics.

## Who Should Attend

Individuals interested in understanding the representation, manipulation

and transformation of signals and the information that they carry, should attend this course. Faculty members from engineering colleges, those who already have a working knowledge of Digital Signal Processing, Bio-medical Signal Processing, Speech and Image processing, or industry professionals who currently serve in systems engineering, architecture, design, test, support, or operations roles will find this course to be especially beneficial.

## Duration & Venue

The course will be held at IIIT, Sector-62, NOIDA (UP) during 10th -15th July, 2017.

## Contact Details

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