## About the Institute

Jaypee Institute of Information Technology (JIIT), 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 undergraduate programs of the university have been accredited by the National Board of Accreditation of AICTE.

JIIT'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.

## About the Department

The Electronics and Communication Engineering (ECE) department at JIIT 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 PG programs with specializations in ECE and Microelectronics and Embedded Technology (MET). We also have a Ph. D. degree program in key areas of current technological importance. The department is committed to provide a supportive, friendly and challenging environment for teaching, learning and research.

For more info: http://www.jiit.ac.in

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## One Week
## Faculty Development Program
on

## The Key Enabling Technologies in 5G Wireless Systems
### (July 1st – 6th, 2019)



Organized by:

## Department of Electronics and Communication Engineering



## Jaypee Institute of Information Technology
### Sector – 62 Noida

(Declared Deemed to be University under Section 3 of UGC Act 1956)

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## Chief Patron

**Prof. S. C. Saxena, Vice-Chancellor, JIIT**

## Patrons

**Prof. Hari Om Gupta, Director**
**Prof. Shweta Srivastava, HoD, ECE**
**Dr. Vikram Karwal, Co-ordinator, ECE-62**

## Convener

**Dr. Juhi Gupta**

## Coordinators

**Dr. Ankit Garg**
**Mr. Vishal Saxena**
**Dr. Madhu Jain**

## About the Programme

This FDP focus on to provide the basics, the state-of-the-art developments and emerging techniques in RF and Optical Wireless Communication through a series of indigenous and invited lectures by speakers from Industry, Academia and JIIT faculty.

## Key areas to be covered

- **D2D Communication**
- **Free Space Optical Communication**
- **Internet of Things**
- **MIMO Wireless Communication**
- **mm Waves**
- **NOMA**
- **Security in Networks**

## Objective of the Programme

- Comprehensive knowledge about 5G technology.
- Practical information on 3GPP model used 5G wireless communication.
- Laboratory session on MATLAB to get hands-on experience in simulating the theoretical concepts, analysing and interpreting the results.
- To enhance teaching ability with respect to content and delivery in the area of wireless communication.

## Speakers

**Mr. Gaurav Khandelwal**
Assistant Vice President
Intricate Research

**Mr. Kaushal Singh Sisodia**
Co-founder UniConverge Technologies

**Dr. Sanya Anees**
Assistant Professor
Department of Electronics and Communication Engineering
IIIT Guwahati

## Participants

Faculty of Degree levels, PG students, Research Scholars, Practicing Engineers in Government & Industry can attend this FDP.

## Important Dates

Last date for registration: **25th June, 2019**.

## Registration

- The registration fee for all the participants is (INR) **2500/-**
- All the participants would be provided **refreshment/lunch** on each day of the FDP, NO ACCOMMODATION and TA/DA would be provided by organizers.
- The selection will be on *first come first serve basis*. Tentative seats for this course are 60.
- **Candidates will be issued certificates on successful completion of the Programme**.

## How to Apply

Registration can be done using the link below: http://bit.ly/2TM74QD
Registration fee should be paid through NEFT and the transaction detail should be mentioned in Google form.

Bank details for NEFT
Bank Name: IDBI Bank Ltd.
Bank Account Number: 109102000007436
Beneficiary's Name: Jaypee Institute of Information Technology
RTGS/IFSC code: IBKL0000109
Phone (O): 0120-2517812/14/15
Fax: 0120-2517813
E-Mail: avnish.sidhu@idbi.co.in

## How to Reach

*Metro:* The nearest metro stations are Noida Electronic City and Vaishali. Taxi/Auto is easily available at the metro station for JIIT, Sec-62.

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

## Address for Communication

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