



Jaypee Institute of Information Technology, Noida

(DEEMED TO BE UNIVERSITY UNDER SECTION 3 OF UGC ACT 1956)

Organizes a

One Week Faculty Development Program (online mode)

On

Advancements in Wireless Communications & Signal Processing –Leaping Towards 5G



On

26th-31st July 2021

Organized By

Electronics & Communication Engineering Department

Coordinators

Dr. Alok Joshi

Dr. Sajai Vir Singh

Dr. Bajrang Bansal

About the Institute & Department

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 a well-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 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 three full time PG programs with specializations in Wireless Communication, Machine Learning and Signal Processing, and Microelectronic Systems and IoT.

We also have Ph.D. degree program in key areas of current technological importance.

About the Program

This FDP will focus on recent advancements in wireless communications & signal processing, emerging wireless technologies, wireless standards for 2G/3G/4G/5G, key features of RF planning and deployment, developments towards 5G, potential technologies for 5G. The FDP will also focus on NS2 basics that plays significant role in Network Simulations. The objective of this FDP is to provide a common platform to leading academicians, scientists, and research scholars to exchange knowledge and share their ideas on various aspects of Wireless Communication and Signal Processing. It also provides the premier interdisciplinary and multidisciplinary forum for researchers, practitioners and educators to present and discuss the most recent innovations, trends, concerns, practical challenges encountered and the solutions adopted in the field of and Wireless Communication and Signal Processing.

FDP Highlights

- GSM/GPRS/UMTS/HSPA
- 3GPP Long Term Evolution
- LTE Air Interface
- VoLTE
- RF Planning and Deployment
- 5G Basics
- Mobile Antenna Systems
- Signal Processing Advancements
- Audio Visual Automations
- IOT

Who Should Attend

PG students, research scholars, faculty member of engineering institutions & industry personnel.

Speakers

Mr. Sushanto Banerjee, Zonal Manager,
Vodafone-Idea Cellular limited.

Mr. Rajarshi Purkayastha, Head- Pre Sales,
India | MECAA at Tata Communications |

Dr. Rajiv Mathur, Chief Technology Officer at
Chainvine Basingstoke, Hampshire, United
Kingdom

Dr. Vipin Balyan, CPTU, Cape town, South
Africa

Dr. Kuldeep Singh-Wireless System Engineer,
APPLE Inc.,San Diago, USA

Prof. Dinesh Vishwakarma-Professor,
Department of Informaton Technology
Delhi Technological University, Delhi

Dr. Manish Tiwari
Professor & Head, Department of Electronics &
Communication Engineering, Manipal
University, Jaipur

Dr. Varun Saxena, School of Engineering, JNU
Delhi

Important Dates

Last date for registration is : 25 July 2021

REGISTRATION

Category	Registration Fee (INR)
Industry Personnel	Rs 1000/-
Academicians	Rs 500/-
Internal	No Fee

- Registration Fee is waived-off for participants from JIIT and its sister institutions.

NOTE:

Payment can be made online as per details given below. Scanned copy of the registration form and transaction slip should be sent through email to alok.joshi@jiit.ac.in.

Bank Name: IDBI Bank Ltd.

Bank Account Number: 109102000007436

Beneficiary's Name: Jaypee Institute of

Information Technology RTGS/IFSC code:

IBKL0000109

Our Location

The nearest railway station is Hazrat Nizamuddin. You can get a cab from here. It is about 20 kms. The nearest metro station is Sector 137 Noida. Cabs/Autos are easily available at metro station for JIIT, Sector-128, Noida.

Duration & Venue

The course will be held on **online mode** during **26-31 July 2021**.

REGISTRATION FORM

Link for the registration form:

<https://forms.gle/cpfkNm9uyY89V4jYA>

Contact Details:

Email: alok.joshi@mail.jiit.ac.in

Once the registration is done all details will be shared on WhatsApp group.