

Faculty Development Program

On

Advanced research trends in signal and image processing (Hybrid mode)

(July 28–August 03, 2022)



विद्या तत्त्व ज्योतिषमः

Organized by

Department of Electronics & Communication Engineering
Jaypee Institute of Information Technology
Sector-128, Noida,
UP, India

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 institute was founded by revered Shri Jaiprakash Gaur ji and is run by Jaypee Sewa Sansthan with a vision to become a Centre of Excellence comparable to the best in the world for producing professionals with leadership quality in technology, innovation, entrepreneurship and management. The undergraduate programs of the University have been accredited by the National Board of Accreditation of AICTE. Well equipped modern laboratories and an intellectually stocked Learning

Resource Centre provide a pleasant and stimulating ambience.

The Electronics and Communication Engineering Department was formed in the year 2002. Besides running a 4 year B. Tech degree and 5 years Integrated B.Tech–M.Tech degree program in Electronics and Communication Engineering, the department is also running three M.Tech degree programs with specialization in Microelectronic Systems and Internet of Things, Wireless Communication and Machine Learning and Signal Processing and also PhD program in all key areas of electronics. The department is actively involved in research in the areas of Emerging Communication Technologies, Current-mode Analog Signal Processing, Digital Signal Processing, Image Processing, Microwave Engineering, VLSI Design, MEMS, Wireless Communication etc.

Scope of the Program

The aim of this FDP is to provide an exposure to the following topics:

- **Study of biomedical signals and images**
- **Signal processing in wearable systems for human motion recognition**
- **Advancements in Fourier representations and applications**
- **Applications of image processing in disease diagnosis**
- **Automatic diagnosis of cardiac diseases for remote areas**
- **Content based image retrieval**

The Faculty Development Program will be endorsed with distinguished national speakers from prestigious institutes.

Who should attend?

The program is open to all Faculty Members/ Industry Professionals/ Research Scholars working in Educational Institutes/Industries/R & D Organizations.

Registration Details

• **Registration Fee**

Rs 500/- for Faculty

Rs 1000/- for Industry Professionals

Rs 300/- for Research scholars.

Registration fee is waived for the JIIT members.

• The applicants need to **pay through NEFT/IMPS** to the beneficiary using details:

Beneficiary Account Name: Jaypee Institute of Info. Tech.

Account number: JIITFDPECE22

Bank Name : ICICI Bank

IFSC-Code : ICIC0000104

Bank Address : CMS Mumbai.

• The participants have to bear their own traveling and accommodation expenses.

• The registration fee also covers High Tea and Lunch for offline lectures.

Event Co-ordinators

Dr. Megha Agarwal and Dr. Abhishek Kashyap,
Department of ECE, Jaypee Institute of Information Technology, Noida, Sector-128, Jaypee WishTown, Noida, U.P.-201 304

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Register Now

Interested candidates can register online using the link mentioned below:

<https://forms.gle/MYjGKKcnxQweNPKv6>

Participation Certificate

E-certificates shall be issued to those participants who have attended the program with minimum 80% attendance.

Important Dates

Last date of online registration: **July 20, 2022**

Selected participants to be notified: July 24, 2022