One Week Online Faculty Development Program
on
Emerging Wireless Technologies
(December 16–21, 2024)

Organized by
Institution Industry Linkage Cell (IILC)
Department of Computer Science and Engineering& Information Technology

ABOUT JIIT

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 in the year 2004. JIIT has been constantly ranked amongst the top engineering Institutes in Delhi NCR. 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 books and E-Resources provide a pleasant and stimulating ambience.

AIM OF THE EVENT

Wireless technology has revolutionized communication, connecting the world in unprecedented ways. From 5G networks and IoT (Internet of Things) to Wi-Fi advancements and satellite communications, emerging wireless technologies are driving innovation in every industry. Recognizing the need for academia to stay aligned with these rapid advancements, this Faculty Development Program (FDP) aims to equip educators and researchers with the knowledge and skills to understand and contribute to the field.The FDP on "Emerging Wireless Technology" seeks to provide an in-depth understanding of next-generation wireless technologies, including 5G, 6G, and beyond. Further, targets to explore advancements in IoT, sensor networks, and their integration with wireless systems, then to discuss the role of Artificial Intelligence (AI) and Machine Learning (ML) in enhancing wireless communication and to highlight the security challenges in wireless systems and strategies to address them. This FDP will encourage research and development in cutting-edge wireless communication domains.

This program highlights include interactive sessions led by industry experts and academic leaders , Hands-on workshops on IoT and wireless system simulations, discussions on the future of wireless technology and its societal impact , and provides platform as Networking opportunities to foster collaborations in research and teaching.

TOPICS INCLUDES

- Historical context and Future of Wireless Networks Infrastructure
- Connectivity in the Global Economy
- Building Smart Cities , Industrial IoT, Smart Healthcare
- Impact of 5G / 6G on Connectivity
- Wi-Fi 6 and 7 Technologies: Advancements in wireless LANs.
- AI in wireless Networks
- IoT , Wireless sensor networks
- Fog computing for wireless networks
- Cloud computing for wireless networks
- Cybersecurity in Wireless Networks

The FDP will be endorsed with distinguished speakers from industry, and prestigious institutes.

TARGET PARTICIPANTS

Faculty/IndustrialProfessionals/Research scholars

APPLY NOW

Interested candidates can register online using the link mentioned below:
https://forms.gle/d5i3ACE4UzPXDcq9A

IMPORTANT DATES

Last date of online registration: December 13, 2024

List of selected participants to be notified:December 14, 2024

REGISTRATION FEE

INR 500 (Payment Link is given in registration form)

PARTICIPATION CERTIFICATE

E-certificates shall be issued to those participants who have attended the programwith minimum 80% attendance and scoring 60% marks in the quiz.

EVENT CONVENER

Prof. Krishna Asawa, Department of CSE&IT, JIIT, Noida

EVENT CO-ORDINATORS

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The FDP will be conducted in online mode on Google Meet platform