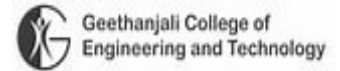




ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP) ON Advances in 6G Wireless Communication Network (28th April – 07th May 2025)



Organised by
Electronics & ICT Academy, NIT Warangal
In association with



E & ICT Academy (Spoke), NIT Raipur, Raipur – 492010, Chhattisgarh
&

Geethanjali College of Engineering and Technology (GCET), Hyderabad

Sponsored by

Ministry of Electronics and Information Technology (MeitY), GoI

6G wireless technology will not only surpass the performance metrics of 5G but also enable transformative societal changes. It is set to impact industries, communities, and individuals by enabling new capabilities, creating efficiencies, and promoting broader connectivity, setting the stage for a new era of technological innovation. 6G wireless technology, still in its early research and development stages, promises to be a game-changer, revolutionizing how we connect and communicate. Its importance lies in the areas such as : Ultra-Fast Speeds and Low Latency, Enhanced Connectivity and Coverage, Global Connectivity, Smart Cities and the IoT Revolution, Energy Efficiency and Sustainability, Security and Privacy, Economic Growth and Innovation etc.

Major Course Content:

- 6G Concepts : Basics, Challenges and Issues.
- Real time applications of 6G Technology
- Use of AI ML in 6G Technology
- Use cases and Hands on practice of 6G Technology

Faculty conducting this programme:

The program will be conducted by the faculty members from NIT Warangal, NIT Raipur; Academicians in the concerned field from IITs/NITs/IIITs are invited to deliver lectures in the program. Speakers from industries are also expected to deliver as part of the course.

Fee Particulars

Participants need to pay the Registration Fee Online using the following details

Faculty	Rs.750/-
Industry Participants	Rs.2250/-

Online Transfer Details

Account Name: **Electronics&ICTAcademyNITW**
Account No **62423775910** IFSC
: **SBIN0020149**

Bank and Branch: **State Bank of India, NIT(REC) Warangal**

How to apply:

Participants are required to fill the online registration form by clicking on the following link:

<https://forms.gle/6uT5aWipd1VR18KD6>

Selection Criteria:

Selection will be done based on first-come-first-serve basis to a preferable maximum number of 50 (fifty). Candidates will be issued satisfactory certificates on successful completion of the course.

Important Dates:

Last date (Application)	16.04.2025
Selection List by E-mail	21.04.2025
Duration	28.04.2025 to 07.05.2025

About NIT Raipur and ECE Department

National Institute of Technology (NIT) Raipur, formerly known as Government Engineering College (GEC) Raipur, was established in 1956. The institute has established its unique identity for the development of high-quality human and knowledge resources. It was declared as 'National Institute of Technology' by the Government of India on 1st December 2005 and then an 'Institute of National Importance' in May 2007 vide the National Institute of Technology Act 2007. NIT Raipur now offers 12 UG and 16 PG programs. In addition to the UG and PG programs, NIT Raipur also offers Ph.D. in 18 disciplines of science and technology. For details about the institute please visit us at www.nitr.ac.in. The Department of Electronics and Communication Engineering was started in the year 1985 and it offers undergraduate, post-graduate and Ph.D. program. The department has well-equipped laboratories including the Communications lab, microwave lab, 5G Lab, DSP lab, computer vision lab, VLSI and micro-electronics Lab, Embedded systems lab, to enable the students and the scholars to pursue research in house. The ECE department also prepares students for pursuing higher studies such as M.Tech, Ph.D., or MBA in related fields. The ECE department focuses on the study of electronic devices, circuits, systems, communication technologies, and software used to manage and transmit data.

About GCET Hyderabad and ECE Department

ECE Department of Geethanjali College of Engineering and Technology (GCET) is equipped and geared to take on the responsibility of providing the student community with technical education on par with the latest advances in the field in a committed academic ambience and as we understand that acquiring a competency is not a onetime event, but rather an ongoing process, the focus is on developing competencies in students for the future. What goes into making a great Institution, Geethanjali has it all.

Coordinators

<p>Dr. Bijayananda Patnaik Associate Professor Department of ECE NIT Raipur G.E. Road, Raipur Chhattisgarh – 492010 Email: bpatnaik.ece@nitr.ac.in Ph.No: 9439322631</p>	<p>Dr. M. Jagan Mohana Rao Associate Professor Department of ECE Geethanjali College of Engineering and Technology (GCET) Hyderabad Email: mjaganmohanarao.ece@gcet.edu.in Ph.No: 77994 76923</p>
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