About the Department

The Department of Electronics and Communication Engineering has experienced considerable growth since its inception in 1976. The vision of the department is to focus on the incubation of innovations in the areas of electronic design/ fabrication, and communication technologies, which are needed to address the growing challenges of tomorrow. The overall aim is to harbor a sustainable, and continuously evolving scientific, technological and educational environment which is both internationally adapted and industry relevant.

About the Institute

Delhi Technological University (DTU), formerly known as the Delhi College of Engineering (DCE), is a public engineering university located in New Delhi, India. It was established in 1941 as Delhi Polytechnic and was under the control of the Government of India. The college has been under the government of the National Capital Territory of Delhi since 1963 and was affiliated with the University of Delhi

from 1952 to 2009. In 2009, the college was given the state university status, thus changing its name to Delhi Technological University. It offers courses for Bachelor of Technology (B.Tech), Master of Technology (M.Tech), Doctor of Philosophy (Ph.D.), and Master of Business Administration (M.B.A.) and contains fourteen academic departments with a strong emphasis on scientific and technological education and research.

About the Programme

The objective of this FDP is to introduce participants to emergent computing paradigms, technologies, services and business models associated with the next generation wireless networks. It also provides an overview of future trends and ongoing research in this new and fast growing areas: research problems and applications of Labview, Simulink, GNU Radio for Software defined Radio and reconfigurable intelligent surfaces; to study the principles, research problems and applications of device, softaware and user mobility, IoT and deep learning techniques.

Two Weeks Faculty Development Program Titled

MLWCV: Machine Learning for Wireless Networks and Computer Vision with Hands-on-Experience

11 Nov. - 23 Nov. 2024

Sponsored by

AICTE Training and Learning (ATAL) Academy

Organized by

Department of Electronics and Communication Engineering, Delhi Technological University, Delhi-42

Contents

- Computer Vision
- Multimedia Systems
- Robust Document Analysis
- Mathematical Morphology
- AI techniques in Computer Vision
- Machine Learning and Artificial Intelligence for Wireless Networks
- Li-fi & Underwater Networks
- IoT and Wireless Sensor Networks
- Software Defined Radio
- Reconfigurable Intelligent Surfaces
- Hands-on training sessions on Simulink, 5G Private Networks, Universal Software Defined Radio

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Mr. Pandidurai, Tenet Technetronics

Targeted Participants

The program is open to Assistant Professors/Associate Professor/Ph.D. Scholars/PG students of various disciplines from various institutes of Delhi/within 100 Kms. from DTU.

Registration

- Total number of seats is limited to 50.
- A maximum of 30% of participants from DTU
- No Registration fees is required for attending this FDP.
- TA to Participants(Rs. 3,000/- (lump sum) per External Participant with >=90% attendance and traveling beyond 20 KM one side)
- Registration through ATL Portal (https://atalacademy.aicte-india.org/login)

Contact Us

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Venue

**ECE Department,
Delhi Technological University, Delhi-42**