

**AICTE Training and Learning (ATAL)  
Academy, AICTE, New Delhi**



Sponsored

**One Week Online FDP**

On

**“High Speed Wireless and Optical  
Technologies for developing Global  
Network”**

**4<sup>th</sup>- 8<sup>th</sup> October 2021**



Organized by

**DEPARTMENT OF ELECTRONICS & COMMUNICATION  
ENGINEERING**

**Chandigarh College of Engineering and Technology**

(Degree Wing)

(Government Institute Under UT Administration)

Sector-26, Chandigarh-160019

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Permanently Affiliated to Panjab University, Chandigarh

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**About College:**

Chandigarh College of Engineering and Technology (CCET) Degree Wing, Chandigarh, a government institute under UT Administration, Chandigarh, was established in 2002. CCET (Degree Wing) has the reputation of being one of the premier engineering college for imparting quality education in Engineering & Technology which is in the city beautiful sector -26, Chandigarh. CCET (Degree Wing), Chandigarh, is affiliated to Panjab University (PU), Sector 14, Chandigarh and approved by All India Council for Technical Education (AICTE), Ministry of HRD, Government, of India, New Delhi.

**About the Department:**

The Department of Electronics and communication Engineering (ECE) was established in 2002, offers four-year undergraduate program in Electronics and communication Engineering discipline and Doctor of Philosophy (Ph.D.) Manned by 11 faculty members, the department possesses advanced hardware and software labs with all necessary accessories. The department aims primarily at excellence not only in theoretical but also in Experimental Research in Microwaves, Antennas, VLSI, Signal Processing, Communications, Embedded Systems etc.

**Objective of the Workshop:**

The main objective of this Faculty Development Program is to provide an opportunity for academicians, students and researchers to get the exposure and interaction with the field experts, who are involved in the research and development of communications networks specifically 5G and beyond along with Optical networks. This FDP focus will be on

- Developing global communications network with 5G and beyond along with Optical networks- An Introduction.
- Recent progress in ITU-T and IEEE standards for wireless and optical networks.
- Supporting technologies for the development of 5G and optical networks.
- R&D trends in wireless and optical technologies.
- Machine learning approach to wireless and optical networks.
- Hybrid optical/wireless networks

**Chief Patron**

Dr. Manpreet Singh, Principal, CCET, Chandigarh

**Patron**

Dr. D.S. Saini, HOD (ECE Dept.), CCET, Chandigarh

**Advisory Committee**

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Dr. Rajesh Kumar, CCET, Chandigarh

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**Coordinator**

Dr. Shilpa Jindal, CCET, Chandigarh

**Co- Coordinator**

Dr. Dinesh Sharma, CCET, Chandigarh

**Organizing Committee**

Dr. K.G. Sharma, Dr. Bhasker Gupta, Dr. Anil Rose, Dr.

Parvinder Kaur, Mr. I.A. Khan, Dr. Sarita Sharma, Mr.

Hardeep Saini, Dr. V. Anil Kumar

**Eligibility of Participation:**

The faculty members from the AICTE approved institutions, research scholars, participants from Government, Industry (Bureaucrats/ Technicians/ Participants from Industry etc.) and staff of host institutions is eligible to attend the program. There is NO REGISTRATION FEE to attend this online FDP.

**Registration Process:**

Register this online FDP through the ATAL portal (<https://atalacademy.aicte-india.org/login>).

**Note:** Last date of online registration is 29/09/2021.

Shortlisted candidates will be announced through email within 2-3 days of online registration.

**Certificate:**

The participants who have attendance more than 80% and test score greater than 60% are eligible to receive Digital Certificate issued by the ATAL Academy.

**Resource Persons:**

Distinguished and well-experienced faculty members/scientists from reputed organizations (IITs/NITs/ Universities/Research Organizations) will be the resource persons for this FDP.

**For any further query, please contact:**

**Dr. Shilpa Jindal Coordinator** (+91-9463328881)

**Dr. Dinesh Sharma Co-Coordinator** (9671721850)

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