

## ABOUT THE UNIVERSITY

Veer Madho Singh Bhandari Uttarakhand Technical University, Dehradun was established on 27th January 2005 by Govt. of Uttarakhand through the Uttarakhand Technical University Act 2005. The Veer Madho Singh Bhandari Uttarakhand Technical University campus is situated at NH-72 Sudhowala, Dehradun. Dehradun is the capital of Uttarakhand State and is well connected through Rail, Road and Air transport.

The University has been established in an area of 8.372 hectare and it is the only affiliating University of the state for technical institutions. There are 81 Affiliated Private Institutions and 12 Government Institutions in the University. University is running 08 UG, 6 PG and 18 Ph.D. Programs with approximately twenty thousand students in various courses.

### Chief Patron

**Dr. Tripta Thakur,  
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VMSBUTU, Dehradun**

### Patron

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### Convenor

**Dr. Ashish Bagwari,  
Dean Academics & Research,  
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- **Mr. Hitanshu Katiyar, (Asst Prof.)**
- **Mr. Anshu Singh, (Asst Prof.)**
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ECE , WIT,  
Campus Institute of VMSBUTU,  
Dehradun**



**Anusandhan  
National  
Research  
Foundation**



## Faculty Development Program

(Offline)

on

## “Future Communication Technologies”

**16 MARCH - 20 MARCH, 2026**

**“Funded by ANRF, Govt. of India, New  
Delhi, India &  
VMSBUTU, Dehradun, Uttarakhand,  
India”**

Organized by

**Department Of Electronics and  
Communication Engineering,  
WIT, Campus Institute of VMSBUTU,  
Dehradun**



[www.wit.ac.in](http://www.wit.ac.in)



## ABOUT WIT, Campus Institute of VMSBUTU, Dehradun

Women Institute of Technology, Dehradun is a Campus Institute of VMSBUTU, Dehradun which was established in September 2012 with the approval of the State Government and AICTE. It is the first Women-Only engineering institute in the state of Uttarakhand. The idea behind establishing the Institute was to empower women from rural and financially weaker sections of the society by providing technical knowledge and encouraging them to become confident & competent enough to meet the growing challenges of the professional world.

### ABOUT ECE Department

Electronics and Communication Engineering (ECE) drives innovation in telecommunications, satellites, and modern electronic systems that power daily life. Our department offers updated curricula, advanced laboratories, and guidance from experienced faculty and industry experts. Students gain hands-on experience through projects, seminars, and hands-on workshops. With a strong blend of theory and practical learning, we prepare graduates to excel in the ever-evolving field of engineering.



## OBJECTIVES OF THE FDP

- To provide in-depth knowledge of emerging communication technologies such as 5G, 6G, IoT, and next-generation wireless systems.
- To understand advanced concepts in mobile communication, optical fiber communication, and high-speed data networks and explore recent research trends in wireless communication, AI-enabled networks, and smart communication systems.
- To enhance understanding of modern network architectures including cloud computing, edge computing, and software-defined networks (SDN).
- To analyze advancements in IoT, sensor networks, and their real-world applications in smart cities and industries.
- To study future challenges in spectrum management, cybersecurity, and energy-efficient communication systems.
- To bridge the gap between academic research and industrial requirements in wired/wireless communication engineering.

Only for Faculty of ECE & CSE Dept.

The certificates shall be issued to all the participants.

No TA/DA/Accommodation for the participants.

No Registration Fee.

**“Distinguished speakers from IITs, IITTs, DRDO, Reputed Government Organizations, and Well-known Industries will deliver expert sessions during the FDP”**

### ABOUT ANRF

Anusandhan National Research Foundation (ANRF) - established through an Act of Parliament: ANRF Act, 2023, to provide high-level strategic directions for research, innovation, and entrepreneurship in the fields of natural sciences, including mathematical sciences, engineering and technology, environmental and earth sciences, health and agriculture, and scientific and technological interfaces of humanities and social sciences.

### Registration & Contact Details

Link: <https://forms.gle/KBrSgKyYbpuS5nLSVA>

Email: [wit.fdp.ece26@gmail.com](mailto:wit.fdp.ece26@gmail.com)