

**Five Days Online Faculty
Development Programme on**

**Transforming Healthcare in India
through Medical Technology**

May 26 - 30, 2025

National Institute of Technology, Hamirpur

Coordinators

Dr. Rinshu

Dr. Supriya Jaiswal

Organized by



**Department of Electronics and
Communication Engineering
National Institute of Technology
Hamirpur, Himachal Pradesh**

About the Institute

National Institute of Technology Hamirpur is one of the thirty-one NITs of the country, which came into existence on 7th August 1986 as Regional Engineering College, a joint and cooperative enterprise of the Govt. of India and Govt. of Himachal Pradesh. On 26th June 2002, REC Hamirpur was awarded the status of Deemed University and upgraded to National Institute of Technology. The Institute offers Bachelor, Master and Doctoral programmes in Engineering, Sciences, Architecture, Management and Humanities. Various programmes serve the purpose of building a comprehensive foundation of knowledge and of enhancing confidence, creativity and innovation in its students.

About the Department

Established in the year 1988, the Electronics & Communication Engineering (E&CE) Department NIT Hamirpur HP, has built an international reputation for excellence in teaching, research and service. Electronics engineers are changing the world to a comfortable global home. The information and technology revolution has been built on the advances of Electronics. E&CED is making exhilarating progress in areas ranging from microelectronics, mobile communications to VLSI Design Automation. In labs and classrooms, students draw on the expertise and knowledge of our able faculty, integrating practical, hands-on research experience with challenging and interesting course-work. The team approach is very warm in the Department of E&CE.

A palpable excitement surrounds the Department of E&CE, an enthusiasm pervades every classroom and lab, invigorating our students and spurring on our faculty to fresh innovations. In an age when electronics play a major role in daily life and the promise of nanotechnology is coming to fruition, it truly is a great time to be a part of E&C engineering.

COMMITTEE

Patron

Prof. H. M. Suryawanshi,
Director, NIT Hamirpur (H.P.)

Chairman

Dr. Ashwani Rana
HoD, DoECE, NIT Hamirpur (H.P.)

Convener

Dr. Aman Kumar
DoECE, NIT Hamirpur (H.P.)

Treasurer

Dr. Supriya Jaiswal
DoEE, NIT Hamirpur

Organizing Committee

Faculty members from DoECE, DoHSS and DoEE.

About the e-FDP

The objective of the program, Transforming Healthcare in India through Medical Technology for Universal Health Coverage, is to explore and promote innovative medical technologies that can revolutionize the healthcare system in India. The focus is on addressing the critical challenges of accessibility, affordability, and quality of healthcare services, particularly for underserved and rural populations. By leveraging advancements in medical devices, telemedicine, and digital health solutions, the program aims to facilitate universal health coverage, as envisioned by the National Health Policy and Sustainable Development Goals (SDGs).

It seeks to bring together academicians, policymakers, healthcare professionals, technologists, and other stakeholders to discuss strategies for integrating cutting-edge technology with public health initiatives. The ultimate goal is to ensure that no one is left behind in accessing equitable and efficient healthcare, thereby improving the overall health and well-being of the nation.

Topics to be covered

- ❖ Introduction to Healthcare Transformation
- ❖ Foundations of Healthcare Data
- ❖ Advanced Analysis in Medical Research
- ❖ Exploring Cutting-Edge Tools
- ❖ Future Directions in Healthcare Technology

Eminent Speakers (Tentative)

- ❖ Dr. Sanghamitra Pati, Director ICMR-RMRC Bhubaneswar
- ❖ Prof. Jalandhar Pradhan, NIT Rourkela
- ❖ Dr. Pratap Ranjan Mohanty, IIT Roorkee
- ❖ Dr. Ramesh Athe, IIIT Dharwad
- ❖ Dr. Zakaria Siddiqui, Jamia Millia Islamia
- ❖ Dr Aman, NIT Hamirpur
- ❖ Dr Rinshu, NIT Hamirpur
- ❖ Dr. Zareena JM NIT Hamirpur

Important Dates

Last date (Online Registration): 05-04-2025
(Limited seats are available)
Confirmation by E-mail: 06-04-2025
Duration: 07-04-2025 to 11-04-2025

Eligibility

This program is open to faculty members, research scholars, PG & UG Students, and industrial personnel.

e-Registration and Payment Guidelines

Registration Fee (Non-Refundable) (Through SBI Collect):

- (a) **Rs. 500 for Academia/R&D Labs**
- (b) **Rs. 250 for Students**
- (c) **Rs. 1000 for participants from Industry**

1. Go to www.onlinesbi.com and select option **State Bank Collect**
 2. Accept terms & conditions and Proceed further
 3. Select State of Corporate/Institute: **Himachal Pradesh** and Type of Corporate/Institute: **Educational Institute**
Select Educational Institute Name: **NIT Hamirpur** and click on **Submit**
 4. Select Payment category **Workshop STC FDP Conference** and fill the details to proceed further
- Link for e-registration through Google form:**
<https://forms.gle/RQsNi24gUgywD2xv6>
E-certificates will be provided to the participants, with at least 75% attendance.

Contact Details

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