

One Week – 5th Short Term Course
on
**Recent Trends in Networks &
Communication: Generative AI**
(RTNC-2026)

14th – 18th September 2026



An Initiative of
National Institute of Technology Hamirpur
Himachal Pradesh, India



Organized by

Department of Computer Science & Engineering
National Institute of Technology Hamirpur
Himachal Pradesh – 177005
www.nith.ac.in

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IMPORTANT DATES:

- **Form Submission Last Date:** 10th September, 2026
- **STC Duration:** 14th – 18th September, 2026

REGISTRATION:

Registration Fee: Through SBI Collect

- Rs. 1000 for Students/Scholars
- Rs. 2000 for participants from Academic/ R&D Labs
- Rs. 3000 for participants from Industry

HOW TO APPLY:

The interested participants must deposit the **non-refundable** registration fee through SBI collect with the following procedure:

- Go to SBI collect and choose category as 'Educational Institutions' and Select state as 'Himachal Pradesh'.
<https://www.onlinesbi.sbi/sbicollect/>
- Choose 'NIT Hamirpur' from Name of the Institutions and Select payment category as 'WORKSHOP FDP STC CONFERENCE'
- Generate the payment slip and should be upload the PDF receipt at below Google form with complete details:

<https://forms.gle/qrguBhG7AxuXZQ36>

(Do not use any special character during payment)

NUMBER OF PARTICIPANTS:

Applications will be accepted on first-cum-first serve basis only. **The submission portal may be closed before the stated deadline once 50 seats have been filled.**

CERTIFICATION:

Certificates will be provided to participants attending atleast 75% of the scheduled lectures.

ABOUT THE INSTITUTION:

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 programs in Engineering, Sciences, Architecture, Management and Humanities.



ABOUT THE DEPARTMENT:

The department of computer science and engineering was established in the year 1989. The Department offers B.Tech. (CSE), Dual Degree (CSE), M.Tech. (CSE), M.Tech. (AI) and Ph.D. degrees. Our students graduate with 100% placement through campus, and some of them are placed in more than one organizations/companies. The Department has well experienced and dedicated faculty members with different specializations.

CALL FOR PARTICIPATION:

The National Institute of Technology (NIT) Hamirpur is organizing One Week – 5th Short Term Course on Recent Trends Networks & Communication: Generative AI (RTNC-2026) during 14th–18th September 2026. The distinguished academicians, practitioners, young faculty members, research scholars, and graduate/post-graduate students, are invited to participate in RTNC-2026.

The course on Artificial Intelligence of Things and using Drones will motivate UG/PG students, research scholars, and faculty to explore research opportunities in AI and IoT. The prospective participants are requested to register through provided google form link.

OBJECTIVES OF THE SHORT TERM COURSE:

The primary objective of this short-term course is to equip participants with in-depth understanding of the latest trends and advancements in network technologies and communication systems with aspects of Generative Artificial Intelligence.

A combination of lectures, case studies, and hands-on sessions will be delivered to cover following topics of interests, but are not limited to:

- GenAI Fundamentals for Networking
- Large Language Models (LLMs) for Network Protocol Design
- Generative Models (GANs, VAEs, Diffusion) for Traffic Synthesis
- GenAI-Driven Adaptive Routing and Congestion Control
- Real-Time Content Generation & Deepfake Detection
- Edge Intelligence: Deploying Small Generative Models at Network Edge.

RESOURCE PERSONS:

The experts will be from leading Industry and other premier institutions in India as per the following:

- Experts from IITs/NITs/Central Universities.
- Experts from Government Labs/DRDO etc.
- Experts from IT Industries.

ACCOMMODATION:

If participants require accommodation during this short-term course within institute premises, then payment need to be made **in cash** additional to registration charges as per below:

Single occupancy: Rs 700/- per day

Double occupancy: Rs 350/- per day

ENQUIRY:

Dr. Priyanka / Dr. Robin Singh Bhadoria

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