

*One Week – 4th Short Term Course
on
Recent Trends in Networks &
Communication: Artificial
Intelligence of Things
(RTNC-2025)*

27th – 31st October 2025



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:** 24th October 2025
- **STC Duration:** 27th – 31st October 2025

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 attached with the registration form available at following link:
<https://forms.gle/XDwaHXerxYAhSPZi6>

(Do not use any special character during payment)

NUMBER OF PARTICIPANTS:

The number of participations is limited for this STC. Applications will be accepted on first-cum-first serve basis only.

CERTIFICATION:

Certificates will be provided to those participants who have attended at least 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 organization/company. 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 – 4th Short Term Course on Recent Trends Networks & Communication: *Artificial Intelligence of Things* (RTNC-2025) during 27th–31st October 2025. The distinguished academicians, practitioners, young faculty members, research scholars, and graduate/post-graduate students, are invited to participate in RTNC-2025.

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 Artificial Intelligence of Things challenges.

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

- AI-driven energy optimization for drones
- Drone Cloud AI Processing
- Drone Disaster Mapping
- Sensor Monitoring & Architecture.
- Drone Logistics Support
- Real-time environmental monitoring (air & water quality, climate tracking)
- Manufacturing (Predictive maintenance, industrial automation)

RESOURCE PERSONS:

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

- Prof. Lalit Kumar Awasthi, VC, Sardar Patel University, Mandi (HP)
- Dr. T.P. Sharma, NIT Hamirpur (HP)
- Prof. G.S. Tomar, REC Sonbhadra (UP)
- Dr. Krishan Berwal, Military College of Telecommunication Engineering, MHOW, Indore (MP)
- Industry Experts from Pisarv Technologies
- Industry Experts from Eigen Technologies

ACCOMMODATION:

If participants required 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 500/- per day

Double occupancy: Rs 250/- per day

ENQUIRY:

Dr. Priyanka / Dr. Robin Singh Bhadoria

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