

One Week 3rd Short Term Course
on
**Recent Trends in Networks &
Communication: Cyber Security
Challenges
(RTNC-2024)**

23rd – 28th Sept 2024



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

Patron

Prof. H. M. Suryawanshi (Director)

Co-Patron

Prof. Anoop Kumar (Dean, Faculty Welfare)

Chairman

Dr. Naveen Chauhan (Head, DoCSE)

Convener

Dr. Teek Parval Sharma (DoCSE)

Coordinators

Dr. Priyanka (DoCSE)

Dr. Robin Singh Bhadoria (DoCSE)

Organizing Committee

Faculty of CSE Department

Contact Details:

Dr. Teek Parval Sharma

Associate Professor
DoCSE, NIT Hamirpur (H.P.)
Mobile: +91-9418463114

Dr. Priyanka

Assistant Professor
DoCSE, NIT Hamirpur (H.P.)
Mobile: +91-9896084010

Dr. Robin Singh Bhadoria

Assistant Professor
DoCSE, NIT Hamirpur (H.P.)
Mobile: +91-9329744955

IMPORTANT DATES:

- **Form Submission last date:** 20th September 2024
- **STC Duration:** 23rd – 28th September 2024

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/XqSfZjTsnDRMB2vs7>

(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 more than 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 3rd Short Term Course on Recent Trends Networks & Communication: Cyber Security Challenges (RTNC-2024) during 23rd–28th September 2024. The distinguished academicians, practitioners, young faculty members, research scholars, and graduate/post-graduate students, are invited to participate in RTNC-2024.

The short-term course will provide an excellent opportunity for participants to explore possible research directions in the field of networks & communication with an aspect of cyber security challenges. 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 cyber security 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:

- Cyber Attacks & Threats in Current Scenario
- Congestion management in Vehicular Net
- Hands-on Session on IoT Devices
- Securing Wireless Networks Challenges and Solutions
- Protecting the Internet of Things
- Cloud Security: Ensuring Data Protection in Virtual Environments
- Data Scheduling in Internet of Vehicles.

RESOURCE PERSONS:

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

- Prof. Lalit Kumar Awasthi, VC, Sardar Patel University, Mandi (H.P.)
- Prof. Manoj Singh Gaur, Director, IIT Jammu (JK)
- Prof. B.V. Ramana Reddy, Director, NIT Kurukshetra (HR)
- Prof. (Dr.) Ajay K Sharma, Director, NIT Delhi
- Prof. D. K. Lobiyal, Jawaharlal Nehru University, New Delhi
- Prof. Harsh Kumar Verma, Dr. B R Ambedkar NIT, Jalandhar (PB)
- Prof. Mayank Dave, NIT Kurukshetra (HR)
- Dr. Sushil Kumar, Assoc. Prof, Jawaharlal Nehru University, New Delhi.
- Dr. Ajay Guleria, Sr. System Manager, IIT Delhi
- Experts from STPI / Industry

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 1500/-
Double occupancy: Rs 750/-

ENQUIRY:

Dr. Priyanka / Dr. Robin Singh Bhadoria
Dept. of Computer Science & Engineering,
National Institute of Technology Hamirpur (H.P.)
Mobile: +91-9896084010 / +91-9329744955
Official email: rtnc@nith.ac.in