



# 2<sup>nd</sup> e-STC on Recent Trends in Networks & Communication Theory & Challenges (RTNC-2023) SEPTEMBER 25-29, 2023



The development of networks and communication protocols has led to emergence of various next generation networks including IoT and Sensor Networks, Cloud /Fog/Edge Computing, Vehicular Networks, Cognitive Radio Networks, AdHoc Networks etc. The exponential growth in the field of network and communication has created challenges and more opportunities for academicians, researchers and network professionals. This short-term course will deliberate on emerging network and communication technologies covering a broad selection of topics in data communications, resource management, network protocols, distributed computing, information management, user interfaces, applications/services, and security. The participants (faculty, young professionals, research scholars and students) will learn more about new research areas and future challenges in the area of networks and communication and its enabling technologies, along with exploring a rich body of exciting ideas, solutions, and paradigm shifts.

## CALL FOR PARTICIPATION

**The Department of Computer Science & Engineering, National Institute of Technology Hamirpur, is organizing the 2<sup>nd</sup> e-Short Term Course intended for Faculty, PG students and Research Scholars of recognized Technical & Engineering Institutes. The course will run in online mode.**

This course is devoted to cover various technical issues related to design, development, and analysis of novel architectures, platforms, protocols, and applications in networks and communication. Topics of interest include, but are not limited to:

- Introduction to Networks and Research challenges
- Challenges in the design of MANETs and WSNs
- Cloud Computing: Applications and Design Challenges
- Underwater Sensor Networks
- Opportunistic Networks
- Data gathering and caching in MANETs/WSNs
- Energy efficient data/query dissemination in WSNs
- Adapting generic network algorithms to MANETs/WSNs
- Application of AI and Block chain in Networks
- Internet of Things/Internet of Vehicles
- Cognitive Radio Networks

## COURSE FACULTY

Faculty from IITs, NITs, other premier institutions and experts from industry will deliver the lectures.

## IMPORTANT DATES

Registration starts from	August 14, 2023
Last date for Receiving Application	September 16, 2023
Selection Notification	Sep 18, 2023

## REGISTRATION FEE

Faculty: Rs 500/-  
PG/ Research Scholars: Rs. 200/-  
Industry Personnel: Rs 1000/-

Registration link: <https://forms.gle/8YR6rda7HAN3xThp7>

## Instruction to submit the fee:

Fee Details: Attach receipt generated through SBI Collect.  
Instruction to submit the fee:

1. Go to <https://www.onlinesbi.sbi/sbicollect/icollecthome.htm>
2. Select "Educational Institutions"
3. Select "NIT Hamirpur" in Category
4. Select payment category "Workshop STC FDP Conference"
5. Fill out all the entries and make the payment.
6. Fill the details correctly about the STC and print the receipt.

Note: Send the scanned copy of the filled-out registration form to [rtnc2023@nith.ac.in](mailto:rtnc2023@nith.ac.in).

**Patron** Prof. H.M. Suryawanshi (Director, NIT Hamirpur) **Chairperson** Dr. Naveen Chauhan (Head DoCSE)

**Convenor** Dr. T.P. Sharma **Coordinator** Dr. Priyanka & Dr. Nitin Gupta, DoCSE

**Address For Correspondence** Dr. Priyanka Rathee, Coordinator, RTNC-2023, Dept of Computer Science and Engg., NIT Hamirpur (HP) 177 005, Phone: +91 9896084010, 9418561383, Email: [rtnc2023@nith.ac.in](mailto:rtnc2023@nith.ac.in).