Online Short-Term Program

"Recent Advancements in Artificial Intelligence and Secure Computing (RAIS)"

30th Nov– 4th Dec, 2026



Organized by

Department of Computer Science & Engineering,

National Institute of Technology Hamirpur

Hamirpur, Himachal Pradesh – 177005, India

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Co-ordinators

Dr. Mohammad Khalid Pandit
Dr. Ram Prakash Sharma

Organizing Committee

Faculty, Department of CSE

Online Short-Term Program (e-STC)

"Recent Advancements in Artificial Intelligence and Secure Computing (RAIS)"

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REGISTRATION DETAILS

Online Registration Link:

https://forms.gle/1b1riHTHV78UTHU68

Fee Payment Procedure:
Open SBI Collect (https://www.onlinesbi.sbi/sbicollect/icollecthome.htm)
Under Select Category - Click on Educational Institutions - Filter by state (Himachal Pradesh) Educational Institutions (NIT Hamirpur) - Payment Category (Workshop/ STC/FDP/Conference)

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About the Institute

National Institute of Technology Hamirpur is one of the thirty-one NITs of the country, established in 1986 as Regional Engineering College, as a joint and cooperative enterprise of the Govt. of India and Govt. of Himachal Pradesh. The goals of the institute as embodied in the logo are truly remarkable in their scope of vision. The college provides Undergraduate, Postgraduate and Doctorate Education in Engineering, Sciences & Humanities; fostering the spirit of national integration among the students, a close interaction with industry and a strong emphasis on research, both basic and applied.

About Department

The Department of Computer Science and Engineering was established in the year 1989. The Department offers B.Tech. (CSE), M.Tech. (Artificial Intelligence), B.Tech. , M.Tech. Dual Degree (CSE) and Ph.D. degrees. The B.Tech. programme has been accredited by NBA. Our students graduates with more than 100% placement through campus, and some of them are placed in more than one organization. The Department has well experienced and dedicated faculty members with different specializations. We have well equipped laboratories with state-of-the-art facilities like servers/workstations, desktops, and mobile devices.

Objectives and Scope

This e-STC aims to provide participants with a comprehensive understanding of emerging developments in Artificial Intelligence and their applications in secure computing. The programme will introduce fundamental concepts and practical applications of Convolutional Neural Networks (CNNs), Transformer architecture, and Explainable Artificial Intelligence (XAI). It will explore the application of AI techniques in cybersecurity, including threat detection, intrusion detection, malware analysis, authentication, and cyber defense. The programme will also address security challenges associated with AI systems, including adversarial attacks, privacy concerns, data security, and robustness. Through theoretical sessions and hands-on activities, participants will gain exposure to contemporary AI tools, frameworks, and security applications

Resource Persons/Speakers

Faculties/Experts from IITs, NITs, IIITs and industry will deliver the lectures.

Targeted Participants

Faculty from engineering institutes, universities, research scholars, UG/PG students, and other educational institutes and employees of the industries.

Number of Participants

Number of participants is limited for this STC. Application will be accepted on ***first- cum-first serve basis***.

Topics to be Covered

- Introduction to AI/ML/DL
- Deep Learning applications on the edge
- Explainable AI
- Generative AI
- Malware Analysis
- Cyber Defense

Registration Fee Detail

Participants	Amount (Rs.)
Participants from Academia/ R&D Labs	500
Participants from Industries	500
Students/Scholars	200
Participants from NIT Hamirpur	NIL

Registration is compulsory for all the delegates. Maximum limit of participants is 50. Participants should have 100% attendance.

Certificate

e -certificate will be issued to the participants after successfully completing the course and submitting the feedback form of the online short-term course.

How to apply

https://forms.gle/1b1riHTHV78UTHU68

Fees Payment

Through SBI Collect