

**2<sup>nd</sup> Online Short-Term  
Program**  
**“Research Applications of Deep  
Learning”**  
**18<sup>th</sup> – 22<sup>nd</sup> May, 2026**



**Organized by**  
**Department of Computer Science &  
Engineering,**  
**National Institute of Technology Hamirpur**  
Hamirpur, Himachal Pradesh – 177005, India

*in collaboration with*

**Department of Applied Mathematics &  
Scientific Computing,**  
**Indian Institute of Technology Roorkee**

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**Co-ordinators**  
**Dr. Mohammad Khalid Pandit**  
**Dr. Ram Prakash Sharma**

**Organizing Committee**  
**Faculty, Department of CSE**

**2<sup>nd</sup> Online Short-Term  
Program**  
**(e-STC)**  
**“Research Applications of Deep  
Learning”**  
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**REGISTRATION DETAILS**

**Online Registration Link:**

<https://forms.gle/iRyJsWz4AjZuVp77>

**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)

**Address for Correspondence:**

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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

The e-STC will be an opportunity to explore the contemporary technological advancement in research in Artificial Intelligence and Machine Learning. It will assist the participants to achieve the information related to the future research prospects in AI and its evolution in experiment and simulation research arena. This short-term course is designed to train participants on assessing the industrial and research challenges in the areas of medical imaging, Meta heuristic techniques, Edge AI etc. The participants will get the exposure of topics like Edge AI, Metaheuristic techniques, memory systems, Generative AI among others.

The objective of this e-STC is designed such that it should be able to lighten the undergraduate, graduate, research scholars, faculty and industrial participants about the latest developments and research aspects in the field of AI and ML.

### 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
- Meta Heuristics in AI
- Optimization methods in AI
- AI in Medical Imaging

### Registration Fee Details

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/iRyJsWz4AiJZuVp77>

### Fees Payment

Through SBI Collect

