



A Short Term Course
on
Deep Learning Techniques and Applications (DeLTA-2026)
May 18 - 22, 2026
Organized by:
Department of Electronics and Communication Engineering
National Institute of Technology, Kurukshetra-136119

Patron:

Prof. B.V. Ramana Reddy
Director

Co-Patrons:

Prof. Brahmjit Singh (HAG)
Prof. Karan Sharma
Head, ECED

Convener:

Dr. Ghanapriya Singh

Coordinators:

Dr. Karamdeep Singh
Dr. Hemant Sharma

Important Dates:

Course Dates:

May 18 - 22, 2026

Last Date for Registration:

May 16, 2026

Notification of Selection:

May 17, 2026

Registration form along with course fee (SBI collect receipt) should be uploaded via link:

<https://forms.gle/NjiqdJnWkZTZ3SxN8> (tentative)

Email us at:

stc.ece.nitkkr@gmail.com

For any queries, you may contact us:

Karamdeep Singh: 9915037810
Hemant Sharma: 9462740103

About the course:

Deep learning has become a core enabling technology driving innovation across diverse engineering and scientific domains. With the increasing availability of data, computational resources, and intelligent systems, there is a growing need for engineers and researchers to understand and apply deep learning methods effectively. The Deep Learning Techniques and Applications (DeLTA-2026) course is designed to offer a balanced blend of theory and practice, guiding participants from foundational principles to advanced deep learning models. The course introduces essential concepts such as neural network architectures, learning algorithms, and optimization strategies, and gradually extends to modern frameworks that power today's intelligent systems. Participants will gain learning of building and training deep learning models for tasks such as image analysis, sequence modeling, decision-making, and data generation. The course also highlights recent advances such as attention mechanisms and transformer-based models that have significantly impact on this domain. The course aims to equip participants with the skills required to adopt deep learning in research, teaching, and industry-oriented problems. By the end of the course, participants will have the confidence to explore and implement deep learning approaches. The course intends to focus on the following indicative topics, but is not limited to:

- Deep Learning -Introduction
- Convolutional Neural Networks (CNNs)
- Recurrent Neural Networks (RNNs) for Time-Series Data
- Reinforcement Learning
- Transfer Learning
- Generative Adversarial Network (GAN)
- Attention Mechanisms and Transformer Models
- Case Studies in Engineering Domains (e.g., Robotics, IoT, healthcare, computer vision, etc.) and hands-on on Python

Target audience:

- Faculty of engineering colleges
- Graduate students/Research scholars
- Industry professionals/personnel/scientists working in public/private/Govt. organizations

#Mode of STC: STC will be conducted in **ONLINE** mode.

Registration fee: Academic Faculty: Rs. 800, Students/Research Scholars: Rs. 500, Industry/ R&D: Rs. 2000. The registration form complete in all respect, accompanied by SBI collect receipt of requisite amount should reach the course coordinators (<https://forms.gle/NjiqdJnWkZTZ3SxN8> (tentative)) latest by May 16, 2026.

For more details and registration information, visit the website

www.nitkkr.ac.in

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Deep Learning Techniques and Applications (DeLTA-2026)
May 18 - 22, 2026**

Department of Electronics and Communication Engineering
National Institute of Technology, Kurukshetra-136119

Name (Block Letters):M/F.....

Designation:

Institution/Organization:.....

.....

Experience:.....

Educational Qualifications: (Degree):.....Specialization:.....

Mailing address:.....

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Telephone:.....

Email:.....

Registration fee Details:

The Registration fee can be paid online through SBI Collect. The scanned copy of the SBI-Collect receipt along with filled registration form has to be uploaded via link:
<https://forms.gle/NjiqdJnWkZTZ3SxN8> (tentative)

Transaction ID/ Reference ID.....Amount.....

Date of Payment.....

Date:

Signature

Place:

How to Apply

Interested candidates can apply online by clicking the link:
<https://forms.gle/NjiqdJnWkZTZ3SxN8> (tentative)

Participants details need to be filled and payment details be uploaded by using above link in Google Forms on or before **May 16, 2026**.

Registration Deadline: May 16, 2026.

Note: The participants need to upload (i) Proof of payment (receipt of SBI collect payment) and (ii) Signed copy of registration form by **May 16, 2026**.

Payment Procedure

The Registration fee can be paid online through SBI Collect. The scanned copy of the SBI-Collect receipt along with filled registration form has to be uploaded via link:
<https://forms.gle/NjiqdJnWkZTZ3SxN8> (tentative)

ONLINE Fee Payment Through SBI Collect

Step 1: <https://www.onlinesbi.sbi/sbicollect/icollecthome.htm>

Step 2: Select **Educational Institutions**

Step 3: Select State **Haryana** and search for **DIRECTOR NIT KURUKSHETRA** in search bar (in left side). Then Select **DIRECTOR NIT KURUKSHETRA** option at the bottom

Step 4: Select Payment Category (**DeLTA 2026**)

Step 5: Proceed (Fill the requested details & Submit) and take the print out.