A Short Term Course
on
Deep Learning Techniques and Applications (DeLTA-2025)
February 26 – March 02, 2025
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
Head, SCoE

Prof. Karan Sharma
Head, ECED

Convener:
Dr. Hemant Sharma

Coordinators:

Dr. Karamdeep Singh
Dr. Ghanapriya Singh

Important Dates:

Course Dates:

   26th Feb – 02nd March 2025

Last Date for Registration:

                        18th Feb 2025

Notification of Selection:

            20th February 2025

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

https://forms.gle/NjiqdJnWkZTZ3Sx
N8

Email us at:
 stc.ece.nitkkr@gmail.com

For any queries, you may contact us:
Karamdeep Singh: 9915037810
Ghanapriya Singh: 9068289740

About the course:

In today's rapidly evolving technological landscape, Artificial Intelligence (AI) and Deep Learning (DL) have become indispensable tools for every engineering stream. The Deep Learning Techniques and Applications course offers a comprehensive introduction to the rapidly evolving field of deep learning. Participants will explore the key concepts that form the backbone of deep learning models, including neural networks, backpropagation, and optimization methods. The course emphasizes practical applications, allowing participants to apply learned techniques to real-world challenges in fields such as computer vision, speech recognition, finance, IoT, and natural language processing. Through a combination of lectures, hands-on labs, and case studies, participants will develop a solid foundation in deep learning while gaining experience with popular deep learning libraries. This course is tailored for those seeking to build a strong skillset in deep learning to advance their careers or research. The course intends to focus on the following domains, but is not limited to:

- Deep Learning –Introduction
- Neural Networks and Deep Learning Architectures
- 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
- Ethics and Considerations in AI and ML Engineering
- 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) latest by 18th February 2025.

For more details and registration information, visit the website
www.nitkkr.ac.in

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

Designation: ………………………………………………………………………………….

Institution/Organization:………………………………………………………………..

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Experience:……………………………………………………………………………………

EducationalQualifications: (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

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

Participants details need to be filled and payment details be uploaded by using above link in Google Forms on or before 18th February, 2025.

Registration Deadline: 18th February, 2025.

Note: The participants need to upload (i) Proof of payment (receipt of SBI collect payment) and (ii) Signed copy of registration form by 18th February, 2025.

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

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 2025**)
Step 5: Proceed (Fill the requested details & Submit) and take the print out.