

A Faculty Development Program

on

Deep Learning Applications

[16th Sep - 27th Sep , 2024]

[4:00 PM to 8:00PM]

under the aegis of

Electronics & ICT Academy

IIT Roorkee



Supported by

Ministry of Electronics & Information Technology
Government of India



Experts from Academia/Industry

Principal Investigator:

Prof. Sanjeev Manhas

E&ICT Academy, IIT Roorkee

Certificates to participants by E&ICT Academy IIT Roorkee

Online Mode: Chitkara University, Himachal Pradesh

Why this course ?

Equip faculty members with knowledge and skills in deep learning applications in technology and healthcare. Enhance teaching methodologies and research techniques in the fields of technology Foster innovation and encourage faculty members to implement deep learning techniques. Promote interdisciplinary collaborations and knowledge sharing. Address industry demands and enhance employability. Inspire lifelong learning among faculty and students.

Objectives of the course

- Overview of deep learning concepts and applications. Understanding the role of deep learning in technology.
- Exploration of various deep learning algorithms. Hands-on training with implementing and training deep learning models.
- Application of deep learning in computer vision, NLP, and speech recognition. Practical sessions on image classification, object detection, and text generation.
- Examination of emerging trends in deep learning. Addressing challenges and limitations in implementing deep learning.

Course Features

- 40 Hours of Lectures & Hands-on (Hybrid Mode)
- Lectures from Expert Speakers, Hands-on from industry experts
- Expert talks from the industry
- Access to learning material and video lectures
- Certificate by E&ICT Academy IIT Roorkee

Speakers

- Dr. Ranjeet Ranjan Jha, IIT Patna
- Dr. Jagriti Saini Eternal, RESTEM, Chandigarh
- Dr. Sudesh Rani, PEC Chandigarh
- Dr. Shefali Arora Chouhan, NIT Jalandhar
- Dr. Chinmay Chakraborty, BIT Mesra
- Mr. Sabyasachi Mukhopadhyay, IIT Kharagpur
- Dr. Rajneesh Rani, NIT Jalandhar
- Mr. Ajay Sharma, UpGrad Campus, Punjab
- Dr. PS Rana, Thapar University, Patiala
- Dr. Nirmal Gaud, Samrat Ashok Technological Institute, Vodisha, Madhya Pradesh
- Dr. Vikas Khullar, Chitkara University, Punjab
- Dr. Neetu Mittal, Amity University Noida
- Dr. Navneet Kaur, Chitkara University, H.P
- Dr. Abhishek, Chitkara University, H.P

Prerequisites

- No experience is required, but fundamental knowledge of any programming language would be helpful

Registration Link

<https://forms.gle/CSU9VW87h9fR67Yx8>

Registration Fee

Fees: ₹ 500/participant, non refundable (Applicable for all)

Note: Refund will be done in case of course cancellation only, with in 20 working days

How to make payment

<https://eict.iitr.ac.in/instruction-for-payment/>

Conference Code: EICTIITR-FDP-24-10

Course Coordinators

- Prof. Sanjeev Manhas, ECE Department, IIT Roorkee
- Dr. Abhishek, Associate Professor (CSE), Chitkara University, Himachal Pradesh

Reach Us:

Landline No.+91-332286457,M.No.- 8112766397

Email: eict@iitr.ac.in