Electronics & ICT Academy IIT Roorkee

CHITKARA UNIVERSITY

Electronics & ICT Academy
IIT Roorkee

An Initiative of
Ministry of Electronics & Information Technology (MeitY)
Government of India

A Faculty Development Program
on

AIpreneurship: Building the Future with Deep Learning Innovations

In association with

Chitkara University , Himachal Pradesh
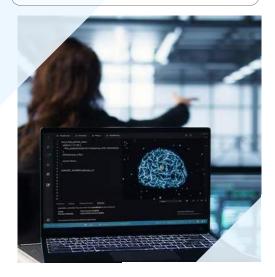
May 12 – May 23, 2025

Timings: 4:00 PM – 8:00 PM
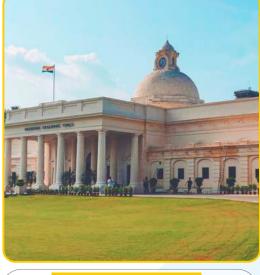Register Before: May 10, 2025

Venue: Hybrid Mode at Chitkara University , Himachal Pradesh

Objectives of the Course

- To introduce participants to the foundational and advanced concepts of deep learning.
- To demonstrate the integration of AI technologies in diverse entrepreneurial domains.
- To build competency in using state-of-the-art tools and platforms like TensorFlow, Hugging Face, OpenCV, Google AutoML, and more.
- To provide hands-on exposure through live demonstrations, coding labs, and real-time model building.
- To inspire participants to develop AI-powered solutions for current and emerging business challenges.

Why this course ?

In the era of intelligent automation and data-driven innovation, AIpreneurship merges the power of Artificial Intelligence (AI) with entrepreneurial thinking to unlock unprecedented business opportunities. As deep learning continues to transform industries from finance and healthcare to retail and mobility, this course offers a unique platform to upskill participants in cutting-edge AI technologies and cultivate a mindset geared toward innovation and problem-solving.

Prerequisites

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

Experts from Academia/Industry

Who Should Register?

Any Interested Faculty/PhD-Scholars UG/PG/ & Industry Persons can register

Registration Fee

Fees: ₹ 250/- Faculty/Research Scholar/ Students
₹ 500/- Industry/Others
Note: Refund will be done in case of course cancellation only, with in 20 working days

FDP Kits & Refreshment will be provided

How to make Payment

Please make the payment first using the below link upload the payment receipt when filling out the Google registration form

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

EICT Course Code: EICTITR-FDP-25-40

Registration Link

https://forms.gle/47yH1FY5UMsKdyrq6

Scan QR for registration

Register before: May 10, 2025

Click on icon to follow us on:

This FDP is Pre- Conference FDP (ICAN 2025)

Course Outcomes

- Understand core concepts of deep learning and its business implications.
- Apply deep learning models to solve problems in finance, healthcare, cybersecurity, and e-commerce.
- Utilize no-code and AutoML tools to quickly prototype AI applications.
- Develop recommendation systems, predictive analytics models, and vision-based AI applications.
- Explore the potential of generative AI for content creation, summarization, and automation.
- Evaluate ethical aspects and societal impacts of AI solutions.

Focus Areas

- Practical application of Deep Learning in business and industry.
- Leveraging AI for entrepreneurship, innovation, and product development.
- Use of No-code/Low-code tools for rapid AI prototyping.
- Hands-on sessions with real-world datasets and projects.
- Introduction to Generative AI, LLMs, and AutoML platforms.
- Business applications in FinTech, Retail, Healthcare, Cybersecurity, and Smart Mobility.
- Ethical considerations and bias mitigation in AI for sustainable innovation.

Course Features

- 40 Hours of Lectures, hands-on, and Pedagogy/Industry sessions.
- Lectures from Expert Speakers, Hands-on from industry/Academia experts.
- Access to learning material and video lectures
- Certificate by E&ICT Academy IIT Roorkee

Who may benifits

- Academic Faculty and Students(UG/PG)
- Government Officials.
- Working Professionals in the Industry and Startups.
- Research Scientists and Technical Staff.

This certificate can be considered in alignment with other Quality Improvement Programs (QIP) as well as NBA and NAAC for recognition/credit.

Principal Investigator

Prof. Sanjeev Manhas
ECE Department, IIT Roorkee

Course Coordinators

- Prof. Sanjeev Manhas, IIT Roorkee
- Dr. Abhishek Thakur , SOET Chitkara University

Reach Us:

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