A Faculty Development Program
on
Recent Advances & Future Trends in Artificial Intelligence, Computer Vision & NLP

30th Oct - 04th Nov , 2023
under the aegis of

eict IIT Roorkee **CHITKARA UNIVERSITY**

Electronics & ICT Academy IIT Roorkee
Supported by

Ministry of Electronics & Information Technology
Government of India

Experts from Academia/Industry
Expert Lecture From IIT Roorkee

Principal Investigator
Prof. Sanjeev Manhas, E&ICT Academy , IIT Roorkeee

Certificates to participants by E&ICT Academy IIT Roorkee

Online Mode: Chitkara University Rajpura Punjab

Why this course ?

This course will help to understand the basics of artificial intelligence (AI), Computer Vision (CV), and Natural Language Processing (NLP) and provide future research directions to the researchers.

This Faculty Development Program aims to provide a forum for faculty members to be exposed to the state of the art of the Recent Advances and Future Trends in Artificial Intelligence, Computer Vision, and NLP. The course will also help to identify future research needs in the interdisciplinary emerging field.

Objectives of the course

- To provide a forum to exchange views, ideas, and principles in the field of AI, CV, and NLP.
- To present learning on Recent Advances and Future Trends in AI, CV, and NLP.
- To promote and facilitate interdisciplinary research endeavors, and partnerships among faculty members specializing in the domains of AI, CV, and NLP.
- To facilitate the effective integration of AI, computer vision, and NLP concepts into participants' teaching curricula.

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

Focus Areas

- Introduction to AI, Machine Learning, and its applications.
- Mathematical foundation for Machine learning.
- Neural Networks, & Deep Learning Models.
- Natural Language Processing (NLP): Concepts, models, and applications.
- Computer Vision: Concepts, Convolutional neural network architectures, and applications.
- Case studies on the use cases based on the mentioned topics.

Prerequisites

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

Registration Link

https://forms.gle/7hnng7JyNARBErGG7

Registration Fee

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

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

How to make payment

https://eict.iitr.ac.in/instruction-for-payment/
Conference Code: EICTIITR-FDP-23-14

Course Coordinators

- Prof. Sanjeev Manhas, ECE Department, IIT Roorkee
- Dr. Durgesh Srivastava, Associate Professor CSE Department, Chitkara University Rajpura Punjab

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