

# Online Faculty Development Program

on

## AI and ChatGPT

June 19 - June 30, 2023

By

Electronics & ICT Academy  
IIT Roorkee



Supported by

Ministry of Electronics & Information  
Technology  
Government of India



Experts from Academia/Industry

Dr. Tharun Kumar Reddy, IIT Roorkee

Mr. Pranjal Mishra, Devarty Technology

**Principal Investigator**

Prof. Sanjeev Manhas

E&ICT Academy IIT Roorkee

Certificates to participants by E&ICT  
Academy IIT Roorkee



Class will be delivered  
through online platform

### Why this course ?

AI and ChatGPT are rapidly evolving technologies, and staying up to date with the latest advancements can be challenging. A faculty development program would equip educators with the knowledge and skills needed to effectively teach AI concepts and ChatGPT applications to students.

The program aims to provide participants with a comprehensive understanding of AI concepts, applications, and the potential of ChatGPT in enhancing student engagement and learning outcomes.

### Objectives of the course

- A comprehensive understanding of AI & ChatGPT.
- To demonstrate proficiency with statistical analysis of data.
- To develop the ability to build and assess data-based models.
- To Reinforce your learning with hands-on exercises and engaging learning content.
- To apply data science concepts and methods to solve problems in real-world contexts.
- Take advantage of experiential learning and build your portfolio in a real-world simulation.

### Course Features

- 40+ Hours of live instructor-led classes
- Lectures from IIT Roorkee, Hands-on from industry experts
- Expert talks from industry
- Doubt clearing sessions
- Access to learning material and video lectures
- Certificate by E&ICT Academy IIT Roorkee

### Focus Areas

- Python Essentials, Python Editors, and IDEs
- Data Structures in Python, R Language Essentials
- Data Science foundation, Data Preparation (Numpy, Pandas)
- Statistics & Mathematics in AI and Machine Learning
- SQL For Data Science, Deep Learning –
- Application of image processing ,NLP & ChatGPT
- Projects and Assignments

### Prerequisites

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

### Registration Link

<https://forms.gle/fUhxEGS84oPQj9Md6>

### Registration Fee

Fees: ₹ 800/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-23-08

### Course Coordinator

- Prof. sanjeev Manhas , ECE Department IIT Roorkee
- Dr. Pushpendra Kumar Verma  
CS Department, IIMT University, Meerut, UP

### Reach Us:

M.No.- 8112766397, Landline No. +91-1332286457  
Email: eict@iitr.ac.in