

Online Faculty Development Program

on

Machine Learning

April 13 - April 23, 2023

By

Electronics & ICT Academy
IIT Roorkee



Supported by

Ministry of Electronics & Information
Technology
Government of India



Experts from Academia/Industry

Expert from IIT Roorkee

Dr. Tharun Kumar Reddy Bollu

Mr. Pranjal Mishra, Devarty Technology

Principal Investigator

Prof. Sanjeev Manhas, IIT Roorkee

Certificates to participants by E&ICT
Academy IIT Roorkee



Class will be delivered
through online platform

Why this course ?

Machine Learning has become an essential part of everyday life and emerged as a critical component of modern business intelligence in recent years. One of the most powerful tools to implement Machine Learning is Python programming.

- According to Kdnuggets- Businesses will need one million ML engineer/ data scientists in near future
- Data Scientist has been named the best job - Forbes

Objectives of the course

- Provide foundation of Python scripting and its principles.
- Design and implement of real-world inspired ML algorithms applications.
- Boost your career prospects through innovative and independent learning.
- Project work with real life problems (Hand written optical image recognition and Exploratory analysis on Covid 19).

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

- Introduction to packages in Python
- Tuples, Set, Dictionaries & Functions
- Numpy, Scipy, Pandas, EDA
- Supervised Machine Learning
- Statistics, Hypothesis Testing, Distributions
- Linear Regression, Logistic Regression
- Decision Tree, Random Forest
- Support Vector Machines
- Heuristic Approaches of ML
- Projects and Assignments

Prerequisites

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

Registration Link

<https://forms.gle/iDKg6Xi8RibpuqYK8>

Registration Fee

Fees: ₹ 800/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-23-05

Local Coordinator

- Dr. Pushpendra Kumar Verma
CS Department, IIMT University, Meerut, UP

Reach Us:

Ph.:+91-6397836535, Landline No. +91-1332286457
Email: eict@iitr.ac.in