National Institute of Electronics & Information Technology
Gorakhpur – Extension Centre Lucknow
(Ministry of Electronics and Information Technology, Government of India)
MMMUT Campus, Deoria Road, Gorakhpur-273010
http://www.nielit.gov.in/gorakhpur/

NIELIT

Digital India
Power To Empower

Machine Learning using Python

Course in Machine Learning using Python
4 Weeks In-Campus Course

Duration: - 4 Weeks (40 Hours)
Batch Size: 30
Medium of Instruction: Bilingual (English & Hindi)

Objective

This course introduces several fundamental concepts and methods for machine learning. The objective is to familiarize the audience with some basic learning algorithms and techniques and their applications, as well as general questions related to analyzing and handling large data sets.

Eligibility

B.E. / B.Tech. / MCA / BCA (pursuing also) / DOEACC 'O' Level / 'A' Level/ M.Sc. (I.T./ Computer Science/ Electronics) with basic knowledge of Programming.

Prerequisite

Candidate must have basic knowledge any Programming Language

Course Fees

Rs. 4720/- incl. GST & all other charges.

Certificate

Certificate will be provided to the participants, based on minimum 75% attendance and on performance (minimum 50% marks) in the online test, conducted at the end of the course.

Methodology

✓ Instructor-led offline classes.
✓ Instructor-led hands-on lab sessions.
✓ Content Access through e-Learning portal.
✓ Assessment and Certification

How to Apply?

Step-1: Read the course structure & course requirements carefully.

Step-2: Visit the Registration portal (https://regn.nielitvte.edu.in/) and click on apply button.

Step-3: Create your login credentials and fill up all the details, see the preview and submit the form.

Step-4: Login with your credentials to verify the mobile number, email ID and then upload the documents, Lock the profile and Pay the Fees online, using ATM-Debit Card / Credit Card / Internet Banking / UPI etc.

Course Content

Day	Topic	Day	Topic	Day	Topic
Day #01	Introduction to Python Programming	Day #02	Concept of data types, variables, assignments, immutable variables.	Day #03	Numerical types, arithmetic operators and expressions, comments
Day #04	Programming Constructs in Python	Day #05	Functions and arrays in Python	Day #06	Data Structures in Python
Day #07	Data Dictionary and File handling in Python	Day #08	Data Analysis and Manipulation using NumPy	Day #09	Data Analysis and Manipulation using NumPy (Contd.)
Day #10	Data Analysis and Manipulation using Pandas.	Day #11	Data Analysis and Manipulation using Pandas. (Contd.)	Day #12	Data Visualization with Matplotlib
Day #13	Data Visualization with Matplotlib (Contd.)	Day #14	Introduction to Machine Learning and it's types	Day #15	Study of Machine Learning Algorithms
Day #16	Study of Machine Learning Algorithms (Contd.)	Day #17	Study of Machine Learning Algorithms (Contd.)	Day #18	Study of Machine Learning Algorithms (Contd.)
Day #19	Study of Machine Learning Algorithms (Contd.)	Day #20	Case Study		

Course Coordinator

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Course Co-Coordinator

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CLICK HERE FOR REGISTRATION

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