Machine Learning using Python

Objective

To give an insight of the basic concepts and techniques of **Machine Learning;** to give exposure on the use of latest **Machine Learning** software for solving practical problems; to prepare youth on one of the areas of Future Skills which he/she may choose for further studies and research.

Eligibility

B.E/B.Tech/MCA/BCA (pursuing also) with Basic Knowledge of Python Language.

Duration

4/6 Weeks (Six Weeks Programme includes two weeks project. No additional fee will be charged for Project)

Content

S. No.	Topics
1.	Python
2.	Concept of data types, variables, assignments,immutable variables, Numerical types, arithmetic, operators and expressions, comments
3.	Collection
4.	Functions and arrays in Python
5.	Data Manipulation using NumPy
6.	Data Manipulation using Pandas.
7.	Data Visualization with Matplotlib
8.	Introduction to Machine Learning and it's types
9.	Study of Machine Learning Algorithms

Requirement for Online Class

✓ Candidate must have latest computer/laptop and Internet connection with good speed.
✓ Software: Anaconda, Spyder for Python (can be downloaded from respective websites)

Course Material

e-Content will be provided in form of presentations/e-handouts, links etc. Online assignments will be given to participants. An online quiz will be conducted at the end of the course.

Certificate

e-Certificate will be issued to each participant after the completion of the training. Participant needs to maintain minimum 75% attendance during the online classes and is required to score minimum 50% marks in the online test in order to successfully complete the course.

How to apply

Candidate may apply online at following link: http://nielit.gov.in/haridwar/content/online-courses Fee is to be submitted to the following account and details to be submitted in online registration form.

Name	NIELIT Haridwar
Account No.	12922122001331
IFSC No.	ORBC0101292
Bank Name	Oriental Bank of Commerce
Branch	SIDCUL Haridwar

For Registration Click Here

Contact Details: NIELIT Haridwar, 2nd Floor, Government Polytechnic Building, Plot No-6C, Sector-11, Near Pentagon Mall, SIDCUL, Haridwar, Uttarakhand – 249403, **Phone**:- 01334-235617, 235054, 9368349990 **E-Mail:** haridwar@nielit.gov.in