

Online Faculty Development Programme

on

”Machine Learning and Predictive Analysis using Python”

20 - 24 November, 2023

Organized by



Department of Computer Science and Engineering
Sant Longowal Institute of Engineering and
Technology, Longowal

Conducted by



National Institute of Technical Teachers
Training and Research, Chandigarh

Objectives of the Programme

The aim of this course is to train faculty members, industrial personnel, research scholars, etc. on Machine learning and Predictive Analysis using Python. In this FDP, hands-on sessions on machine learning models will be conducted. This course provides you with the skills to build a predictive model from the ground up, using Python. Predictive analytics makes use of math and statistical models to identify patterns in data to generate predictions. Machine learning, on the other hand, works to automate predictive modeling by training with vast data sets and creating algorithms. The algorithms can detect patterns and anomalies in data.

The fundamental principles guiding the advances in these areas will be presented. The following are the main course objectives of the course:

- Introduction to Machine Learning
- Introduction to Predictive Modelling
- Python and Predictive Modelling
- Transformation and Preparation of Data, Data Quality Problems and Other Anomalies
- Regression and Case Study

Resource persons

All lectures/sessions will be delivered by NITTTR Chandigarh in Online/ICT mode.

Registration

Please register for this course by clicking the link given below: <https://fdp.nitttrchd.ac.in>

1. All the participants have to register individually on the FDP portal by creating their online account and paying Rs. 118 as registration and certification fee (including GST).
2. Sant Longowal Institute of Engineering and Technology, Longowal, India is the remote center for this programme.

3. While registering the participants, please select the venue as a remote center: Sant Longowal Institute of Engineering and Technology, Longowal, India
4. A minimum of 80% attendance and 40% marks in the test is required to get the certificate.

Mode of conduct

Online Mode.

Important Dates

Last date to Apply November 17, 2023
Intimation of selection November 18, 2023

Organizing Committee

Chief Patron(s)

- Prof. Mani Kant Paswan, Director, SLIET Longowal
- Prof. Bhola Ram Gurjar, Director, NITTTR, Chandigarh

Convener

- Prof. Birmohan Singh, HoD CSE, SLIET Longowal
- Prof. C. Rama Krishna, HoD CSE, NITTTR Chandigarh

Coordinator(s)

- Dr. Manminder Singh, Assistant Professor, CSE
- Dr. Jagdeep Singh, Assistant Professor, CSE
- Er. Shano Solanki, Associate Professor, NITTTR Chandigarh

Contact Us

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