NIELIT Chandigarh

AI and Machine Learning Learning

About NIELIT

National Institute of Electronics and Information Technology, is an autonomous Scientific Society of Ministry of Electronics & Information Technology (MeitY), Government of India. NIELIT Chandigarh was established in 1978 to provide professional services in the areas of Information, Electronics & Communication Technology (IECT). NIELIT Chandigarh is engaged in development of industry oriented quality education and training programmes in the state-of-the-art areas.

About Course

This course will be covering the Artificial Intelligence implementation through Machine Learning in Python. Students will learn about various Machine Learning Models, Testing and their implementation. The concept of ANN and Deep Learning will be covered.

Course Objective

The participants will get understanding of Machine Learning in Python. Coverage of some practical cases will help in understanding its implementation and predictive analysis.

Brief Contents

- ❖ *Python – Overview, Programming constructs and data structures, Review of Numpy and Pandas*
- ❖ *What is AI, its features, Machine Learning, its categories Supervised and Unsupervised*
- ❖ *Linear Regression Model, Classification Model and its examples*
- ❖ *Training Set, Testing Set, Evaluation of ML algorithms using various methods*
- ❖ *Feature Engineering, Overfitting, Under fitting*
- ❖ *Applying ML models to various CSV data, Predictive Analysis and evaluation*
- ❖ *Artificial Neural Networks, Back Propagation*
- ❖ *Visualisation*
- ❖ *Deep Learning Concepts, Project examples*

Eligibility	*Knowledge of Python*	Duration	*1 Week*	Fee	*600 + GST 18% extra*

For further details, Contact:

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