National Institute of Electronics and Information Technology (NIELIT), Delhi

Course Prospectus - Python Programming (40 Hrs)

Course Description

This course covers Python programming fundamentals and advanced features. It helps learners build a strong programming foundation to develop real-world applications.

Who Can Attend?

• Beginners in programming

• Engineering and IT students

• Professionals looking to learn Python

Course Content

❖ Python Basics

- Installation, variables, data types, operators

- Input/output, expressions, comments

❖ Control Flow

- If-else, loops, nested conditions, break/continue

❖ Functions & Modules

- Defining, calling, arguments, importing modules

❖ Data Structures

- Lists, tuples, dictionaries, sets, string operations

❖ Object-Oriented Programming

- Classes, objects, inheritance, polymorphism

❖ Working with Libraries

- math, datetime, random modules

Duration

4 Weeks (40 Hours)

Prerequisite

Basic understanding of computers and programming logic.

Certificate

e-Certificate will be issued after successful completion of the course with a minimum of 75% attendance and 50% score in the assessment.

How to Apply

Interested candidates may apply online through the NIELIT Delhi website after paying the course fee via online transfer. Copy of payment receipt must be uploaded during registration.

Contact Information

NIELIT Delhi Centre:

1) West Campus - Janakpuri
   IETE Building, Institutional Area,
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   30X, FC-18, Institutional Area,
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