

Web Development using Python & Django Web Framework

Duration: - 4 Weeks (40 Hours)

Batch Size: 30

Medium of Instruction: Bilingual (English & Hindi)

Web Development using Python & Django Web Framework

4 Weeks In-Campus Course

Objective

This course, students will learn about the most advanced Web-app development environments with immense exposure on practicality. The course is designed for an aspiring developer to enrich the knowledge of different Web based Python Frameworks. In this curriculum, we have covered Python fundamentals including OOPS concepts. The course has been designed in such a way that a candidate can handle both the Front-end and Back-end development processes. MySQL is also covered to connect our application with the Database.

10+2 qualified with Basic Knowledge of Computers.

Prerequisite

Basic Knowledge of Computers and Internet Technology.

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.

- ✓ 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.

Eligibility

Course Fees

Methodology

Course Content

Day	Topic	Day	Topic	Day	Topic
Day #01	Introduction on python, Installation of python, How to use python, Python Basic Syntax, Python First program	Day #02	Literals, Constants & variables, Keywords, Operators, Comments	Day #03	Control flow statement
Day #04	Data structure (List, Tuple & dictionary in python)	Day #05	Function, Module & Packages	Day #06	Array Numpy
Day #07	Basic OOPS Concept-1	Day #08	Basic OOPS Concept-1	Day #09	SQL and python-1
Day #10	SQL and python-2	Day #11	Concepts of Web Page-1	Day #12	Concepts of Web Page-2
Day #13	Introduction on Django, Django Project & server configuration	Day #14	Django app, MVT Design Pattern	Day #15	View, Template, URL Mapping, Static file Handling
Day #16	Model Form, Django Form, Form Validation	Day #17	File Upload, Database connectivity	Day #18	Creating CURD application in Django
Day #19	Django Middleware, Session & cookies	Day #20	Introduction to Flask		

Course Coordinator

Dr. Shivlok Singh (P.T.O.)

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