

# Web Development using Python & Django Web Framework

## Web Development using Python & Django Web Framework

### 4 Weeks Online 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 with basic knowledge of Computer Programming.

#### Eligibility

#### Duration

04 Weeks (2 Hrs. per day)

#### Prerequisites

- ✓ Candidate must have latest computer/laptop with preferably 4 GB RAM or higher and Graphics Card (2 GB)
- ✓ Software: Panda, Python, Numpy etc
- ✓ Internet connection with good speed (*preferably 2Mbps or higher*)

#### Certificate

Participation 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.

Rs. 1400/- incl. GST& all other charges.

#### Course Fees

#### How to Apply?

- ✓ **Step-1:** Read the course structure & course requirements carefully.
- ✓ **Step-2:** Visit the Registration portal 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.

**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		

**Contact Details**

Name of Course Coordinator: Jeetendra Kumar Singh

Email: [jksingh@nielit.gov.in](mailto:jksingh@nielit.gov.in)

Mobile Number: 8317093872

**[CLICK HERE TO REGISTER](#)**