
Django (Web Based Programming Using Python)

MODULE – 1 (Introduction To Front End)

- HTML
- CSS
- JAVASCRIPT
- BOOTSTRAP

1.HTML

- Introduction To HTML
- What Are HTML Tags & Attributes
- HTML Basic Tags
- List, Images, Hyperlink, Table
- Form
- Iframe
- HTML5 Tags

2. CSS

- Introduction To CSS
- CSS Syntax
- Single Style Sheets
- Multiple Style Sheets
- Class & Id Sheets
- Descendant / Child Selectors
- Attribute Selectors
- CSS- Pseudo Classes
- Minification In CSS
- CSS3

3. Java Script

- Introduction To JavaScript
- Types Of JavaScript
- Internal JavaScript
- Variable Declaration



- Control Statements
- Arrays, Function
- Minification In JavaScript
- Promise

MODULE – 2 (Introduction To Django)

- Features Of Django
- Django Web Server
- Understanding Django Environment
- A Simple 'Hello World' Application

MODULE – 3 (Displaying Hyperlinks-projects)

- Django Architecture
- MVC & MTV
- Starting A Project
- Django Apps
- Activating Our First App
- A View That Displays A Hyperlink
- Mapping The Views To URLs
- Running Our First App
- Improving The Views Using Templates
- The Improved Templates
- Template Inheritance
- Sending Data From url To View
- Sending Data From View To Template

MODULE – 4 (CREATING A WEBSITE-PROJECT)

- Starting A Project
- Creating An App Inside The Project
- Activating The App
- Creating Model For Our Site
- Converting The Model Into A Table
- Examples For Fields In Models
- Basic Data Access Using Django Shell
- Saving Objects Into Database
- Modifying Objects Of Database
- Sorting Objects

- Filtering Objects
- Deleting Objects
- Making Changes In The Data Model

MODULE – 5 (Creating Administration Panel)

- Using The Admin Interface
- Customizing The Admin Interface
- Adding Users
- Data Access And Modification Using Admin Panel
- Giving Permissions To Users

MODULE – 6 (Creating First Page Of Our Site)

- The Django Template System
- Template Inheritance
- Improving The Website
- Adding Background Color For Web Pages
- Adding Banner To The Web Site
- Adding Background Image In The Web Pages
- Storing And Displaying Images
- Adding Users To Our Site
- Uploading The Information By User
- Changing The Administration Interface Title

MODULE – 7 (Django Forms Creation)

- Forms Basics
- Creating Contact Us Form
- Form Field Examples

MODULE – 8 (DJANGO’S EMAIL FUNCTIONALITY)

- Configuring Email Settings
- Sending Emails With Django

MODULE – 9 (DJANGO TEMPLATE LANGUAGE)

- Django Template Tags
- If / else
- If / elif / else

- For
- Comments
- Filters
- Using Templates To Display Data In The Site

MODULE – 10 (INTEGRATING BOOTSTRAP INTO DJANGO)

- Introduction To Bootstrap
- Creating Tables
- Creating Grids
- Creating Carousels

MODULE – 11 (SESSIONS & COOKIES)

- Difference Between Session & Cookies
- Creating Sessions & Cookies In Django

MODULE – 12 (USING OTHER DATABASE IN DJANGO)

- Using SQLite
- Configuring MYSQL Database
- Working With MYSQL In Django
- Configuring Oracle Database
- Working With Oracle In Django

MODULE – 13 (DJANGO RESTFUL API)

- CRUD Operations

MODULE – 14 (LIVE PROJECT IMPLIMENTATION)

- Project Life Cycle
- Creating A Functional Website In Django

Trainer	Er Abinash Nayak
Discounted Fee	₹ 5999
Duration	2 Months