**European IT**

**Modules**

* Python Raw Coding
* [Dynamic Website Development](https://europeanit-inst.com/course/web-design-development/)
* Admin Panel Development
* Python – Reg Expressions
* Python – CGI Programming
* Python – Database Access
* Python – XML Processing
* Python – GUI Programming
* Python – Further Extensions
* [Object-oriented](https://europeanit-inst.com/course/oop-php-mysql/) pagination
* Work with live Project in Software Development Team
* International Coding Standard
* Final Project & Viva

**Highlight**

* [Dynamic Website Development](https://europeanit-inst.com/course/web-design-development/)
* [Web Application Development](https://europeanit-inst.com/course/laravel-framework/)
* Web Security
* Hands-on training using latest tools & techniques
* Specialization & creating portfolio in the area of interest
* Industry-relevant curriculum
* E-commerce solution
* Project
* Online Market Place Strategy

**Software Taught**

* Adobe Photoshop CC Version
* Notepad/ Notepad++/ NetBeans/ Subline/ VS Code/ Brackets
* Firebug (Browser Inspect Element)
* Web Browsers (Chrome, Firefox, Safari, Edge)
* Web Server (Apache, XAMPP, Wamp)
* Atom
* Sublime

**Career Support**

After course completion, students can get jobs as:

* Web Developer
* Web Application Developer
* Software Engineer

**Course Price**

**For Professional**

BDT 17,500/-

**For Industrial Training**

BDT 10,000/-

**Course Features**

**Duration**

4 months

**Class Time**

2 hours

**Class Per Week**

2 days

**Lectures**

32

**Skill Level**

All Level

**Language**

বাংলা & English

**Assessments**

Self

BITM (BASIS Institute of Technology & Management)

[Web Development with Python Django | BITM Training](https://bitm.org.bd/course-details/892/web-development-with-python-django)

Web Development with Python Django

Session-1

Django Introduction

* Install Python (Prerequisite)
* Update or Install pip Package Manager (Prerequisite)
* Install virtualenv (Optional Prerequisite)
* Install Django
* Start a Django Project
* Creating the Web Application

Session-2

Django Urls and Views

* Common Url Patterns
* Url Parameters, Extra Options, and Query Strings
* Url Naming and Namespaces
* Url Method RequestsView
* View Method Requests View Method Responses

Session-3

Django Templates

Django Template Syntax

* Django Template Configuration
* Template Search Paths Built-In Django Filters
* Dates
* Strings
* Lists
* Numbers

Session-4

Django Application Management

* Django settings.py for the Real World
* Define ALLOWED\_HOSTS
* Allow Application
* Static Web Page Resources Images, CSS, JavaScript

Session-5

Django Shell: Python manage.py Shell

* Django Management Commands
* Custom Management Command Structure
* Custom Management Command Installation
* 5.4 Management Command Automation

Session-6

Django Models

Django Models and the Migrations Workflow

* Create Django Models
* Django Model Data Types
* Predetermined Values: default, auto\_now, auto\_now\_add, and choices
* Form Values: Editable, help\_text, verbose\_name, and error\_messages

Session-7

Django Forms

* Initialize Forms: Initial for Fields and Forms, init method
* Django Form Field Types: Widgets, Options, and Validations
* Field Layout Values: label, label\_suffix, help\_text

Session-8

Bootstrap – Pagination

* Card Layout
* Table Design
* Navigation using Navbar

Session-9

Experience-based Test Techniques

* Error Guessing
* Exploratory Testing
* Checklist-based Testing

Session-10

Base Template design

* Slide Show
* Google Map
* You Tube Embed

Session-11

Form Validation

* Using Bootstrap Alert
* Using Sweet Alert
* Built in Message

Session-12

Email Send

* Configure Email Account
* Settings for Email
* Email Form Design
* Creating URLs
* Check Email

Session-13

Class Based View

* Create Template
* Edit Template
* View Template
* Delete Template

Session-14

Deploy

* Create a Pythonanywhere Account
* Compress The Web Application
* Upload Using BASH
* Decompress the application
* Configure Web Application
* Run

Session-15

Authentication

* Register View
* Login View
* Creating Register Template
* Creating Login Template

Session-16

Django admin Management

* Record Display: list\_display, format\_html, empty\_value\_display
* Record Order: admin\_order\_field and ordering
* Record Links and Inline Edit: list\_display\_links and list\_editable

Course At a Glance

* Date: 23 Oct - 31 Dec 2021
* No. of Classes/ Sessions: 40
* Total Hours: 60
* Last Date of Registration: 22 Oct 2021

Class Schedule:

* Saturday - 8 PM - 9:30 PM
* Monday - 8 PM - 9:30 PM
* Wednesday - 8 PM - 9:30 PM
* venue: Online

### Price: TK. 23,000 (Excluding VAT & TAX) কোভিড-১৯ এর কারণে ৬০% ছাড়ে মাত্র ৯২০০ ( ১৫% ভ্যাট ‍সহ) টাকায় কোর্সে ভর্তির সুযোগ নিতে চাইলে আজকেই অনলাইনে এপ্লাই করুন।