



## Django Course

### **Description:**

The most widely used Python web development framework is Django. Django is a Python framework that covers all elements of web development, from handling requests and answers to creating dynamic HTML pages using templates and making database access and maintenance simple. This course has it all baked in, and it's all covered in excellent depth. Django is taught from the ground up in this course. We'll start from the beginning and work our way up, learning how to construct Django projects, execute them, and add functionality step by step.

### **Start Date:**

### **Doubt Clear Time:**

### **Course Time:**

### **Features:**

# Course material

- # Course resources
- # On demand recorded videos
- # Practical exercises
- # Quizzes
- # Assignments
- # Course completion certificate

### **What we learn:**

- # Webpages in Django
- # Admin control
- # Sliders
- # Search fields
- # Navbars
- # Components
- # User authentication
- # Facebook and Google authentication
- # Django message frameworks
- # Django contact forms

### **Requirements:**

- # System with minimum i3 processor or better
- # At least 4 GB of RAM
- # Working internet connection
- # Dedication to learn

### **Instructor:**

### **Name:**

Hitesh Choudhary

## **Description:**

I like to make videos related to code and tech in my free time. I also lead a few tech teams in startups, help in hiring talent for companies. I am also on a part time traveller, with 31 countries checked off so far!

## **>Getting Started with Tubers:**

>>What we will build

>>Introduction to application

>>Preparation work for full stack app

>>Moving into virtual environment

>>Django Installation for tubers app

>>Install postgresql and PGAdmin

>>Django postgresql config and bugs

## **>Django Admin Customization:**

>>Django superuser

>>Theming options for django admin

>>Our new theme for django admin

>>Full customization of Django admin

>>Deploying static files

## **>Web pages in Django app:**

- >>creating web pages app
- >>Handling webpages routes
- >>Advantages of using templates in django
- >>loading the base template
- >>adding static CSS and JS files
- >>Making project modular in django
- >>Home page is all set

### **>Admin control of slider:**

- >>Creating model for slider
- >>Adding slider from admin
- >>passing data to web page
- >>Fetching values in front end and assignment

### **>Team section and admin:**

- >>Team model and registration in admin
- >>Admin customization for Team
- >>Read some django docs to edit admin
- >>Team section in front end
- >>Assignment for team section

### **>YouTubers section on Home**

#### **Page:**

- >>Creating a youtuber app

- >>Model for youtubers
- >>Restricting user choices
- >>Add youtubers from admin
- >>Admin modification for youtubers
- >>Featured youtubers on front end
- >>Latest onboard section

### **>Youtubers component:**

- >>Fixing the navbar
- >>youtubers views preparation
- >>Tubers component in front end
- >>fetching single tuber detail
- >>Fetching formatted description

### **>Search fields in Django:**

- >>Keyword based search
- >>Search component on home page
- >>Exact search feature in django

### **>Authentication of users:**

- >>Creating accounts app and setting views
- >>Configure templates
- >>header changes for login and register
- >>Messages and registering a user

- >>Safety nets for registration of user
- >>login feature of tubers app
- >>Django decorators and authentication
- >>FB and Google authentication
- >>create a new Facebook app
- >>Final check for FB login

## **>Django messages framework and more:**

- >>Messaging framework
- >>Fixing remaining navbar
- >>Adding about and contact page

## **>Contact form in Django:**

- >>a new hiretuber app
- >>creating a model for the form
- >>Handling views for contact form
- >>Form front end part 1
- >>Form front end part 2 and debugging

## **>Assignments for you:**

- >>assignments for you