



**National Institute of Electronics  
and Information Technology**

(An ISO 9001:2015 certified Organization)

Ministry of Electronics and Information Technology  
Government of India

# Online Course Prospectus

## Building Python based Web Application Development using Django

### Course Description

This extensive online interactive course is created to help you gain expertise in the Django REST framework. In this course we cover everything you need to know to build a website using Python, Django, and many more web technologies, whether you want to change career paths, expand your current skill set, start your own entrepreneurial business, become a consultant, or just want to learn, this is the course for you.

**Click  
Here to  
Register**

OR

Scan QR Code



## Who can attend?

Anyone who is interested to build their career in Web Application Development, including:

- ❖ Beginners
- ❖ Professionals looking to upgrade their knowledge and expertise
- ❖ Python Developers looking for opportunities in Web Development

## Course Content

- ❖ Basic building block and fundamental of web using HTML5.
- ❖ How HTML elements are to be displayed on screen or in other media with CSS3
- ❖ Adding interactive behavior to web pages by JavaScript
- ❖ Use of Document Object Model (DOM) for interaction of JavaScript code with HTML
- ❖ How to convert many line codes of JavaScript to one line by use of jQuery
- ❖ Introduction to Python Programming
- ❖ Introduction to Django Framework
- ❖ Implementation of Django Templates
- ❖ Advantages of Django Forms
- ❖ Use of Django administrative tool.
- ❖ Enable the database interaction with ORM
- ❖ Use of Object oriented techniques for component reusability (Class based View)
- ❖ Use of Django REST Framework
- ❖ Minor Project

## Prerequisite

- ❖ Familiarity with HTML and DHTML
- ❖ Basic Knowledge of Python

## Duration

8 Weeks (80 Hrs.)

## Certificate

e-Certificate will be issued to each participant after completion of the training. Participant needs to maintain minimum 75% attendance during the online classes and is required to score minimum 50% marks in the online test in order to successfully complete the course.

## Minimum Requirements

- ❖ A computer with an internet connection with good speed.

## How to Apply

Interested candidates may apply online on the link <https://nielit.gov.in/haridwar/content/online-courses> after submitting the Course Fee in following account:

<b>Name</b>	:	NIELIT Haridwar
<b>Account Number</b>	:	12922122001331
<b>IFSC Code</b>	:	PUNB0129210
<b>Bank Name</b>	:	Punjab National Bank
<b>Branch</b>	:	Pentagon Mall, SIDCUL, Haridwar

**NOTE:** Copy of transaction slip is required to be uploaded at the time of filling online form. Candidate may keep a copy of the same for future reference.

## Terms and Conditions

1. In case, any registered candidate could not attend the online session due to technical issue at their side there will not be any refund of the course fee and the sessions will not be repeated.
2. In case, the online course is cancelled/postponed due to some technical issue at NIELIT side and new date is not convenient to the candidate, our liability is limited to the refund of the course fee and NIELIT shall not be responsible for any consequential damages.

## Course Coordinator

**Mr. Varun Mishra**

Ph: 9368349990, Email: [haridwar@nielit.gov.in](mailto:haridwar@nielit.gov.in)

## Faculty Profile

**Mr. Varun Mishra**, B.Tech (IT), M.Tech (CSE).



**NIELIT Haridwar** is the Regional Centre of NIELIT in the state of Uttarakhand and is situated in SIDCUL Haridwar. It is well known for the advanced training programmes in the areas of Future Skills such as **Cloud Computing, Machine Learning, Artificial Intelligence, Internet of Things, MATLAB, Big Data, Embedded Systems etc** in addition to the various **National Skill Qualification Framework (NSQF)** aligned long-term and short-term courses in Electronics & Information Technology. The Centre has **MOUs** with various prestigious institutions and Universities of Uttarakhand for academic collaboration, technical support, summer/industrial training and internships of the students. The Centre provides a conducive learning environment with the state-of-the-art infrastructure and expert faculties.

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## NIELIT Haridwar

2nd Floor, Government Polytechnic Building,  
Plot No- 6C, Sector -11, Near Pentagon Mall,  
SIDCUL, Haridwar, Uttarakhand- 249403

Office Nos: 01334-235617, 235054

Mobile: +91-9368349990 (Call & Whatsapp)

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

Website: <https://www.nielit.gov.in/haridwar/>

