

GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY(A)

NH - 16, Chaitanya Knowledge City, GIET Campus, Rajamahendravaram,
Andhra Pradesh - 533296 Website: <http://www.giet.ac.in> principal@giet.ac.in

Date:31.10.2022

PROGRAM REPORT

Name of the Event: WEB DEVELOPMENT USING DJANGO

Date: 25.10.2022 to 29.10.2022

Resource Persons: Dr. B. Sujatha,

Professor, CSE, GIET-(A).

Email.id: hod.cse@giet.ac.in

Contact number: 8886668242Dr.

Ashok Koujalagi,

Assistant Professor, CSE, GIET-(A).

Email.Id: drashok@giet.ac.in

Contact number: 7996823724

Name of the Coordinator: Mr. K. V. K. Sasikanth

Number of students attended: 67

Number of faculty involved: 3

Venue: Advanced Computing Lab, VB BLOCK, GIET-(A)

Objectives of the Program:

- Provide participants with a foundational understanding of Django, its history, and its role in web development. Explain the Model-View-Controller (MVC) architectural pattern and how Django implements it with Models, Views, and Templates (MVT).
- Guide participants through the process of setting up a Django development environment, including installing Python, Django, and any necessary tools.
- Walk participants through the process of creating a simple web application using Django.
- Cover topics such as creating models for data storage, setting up views to handle HTTP requests, and creating templates for rendering HTML


PRINCIPAL

**Godavari Institute of Engineering &
Technology (Autonomous)
NH-16, Chaitanya Knowledge City,
RAJAMAHENDRAVARAM-533 296**

- Explore advanced Django features such as handling forms, handling file uploads, and working with APIs.

Topics covered:

- Introduction to Python, Django Architecture
- Django Installation, Django Templates
- File handling, Django Shell
- User Creation, Crud Operations
- Form Validations, Database, Mail

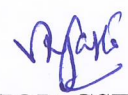
Outcomes of the Program:

At the end of this course; the student will be able to

- Understanding of the fundamental concepts of Django, including the Model-View Controller (MVC) architecture, URL routing, and the Django template language.
- Create models to represent database tables, define views to handle user requests, and create templates to render dynamic content.
- Design and implement complex database structures using Django's Object-Relational Mapping (ORM) system.
- Understand deployment strategies, server configurations, and best practices for maintaining security and performance.


Coordinator


PRINCIPAL
Godavari Institute of Engineering &
Technology (Autonomous)
NH-16, Chaitanya Knowledge City,
RAJAMAHENDRAVARAM-533 296


HOD-CSE
Head of the Department
Computer Science & Engineering
Godavari Institute of Engineering & Technology (Autonomous)
NH-16, Chaitanya Knowledge City,
RAJAMAHENDRAVARAM. A.P. India, 533 296