



Sarvajanik Education Society
Sarvajanik College of Engineering & Technology, Surat.
Masters in Computer Applications Department

Date: 16th October 2020

Report of Webinar on “Hands on Database connectivity in Django Framework”



Sarvajanik College of Engineering and Technology

Masters in Computer Applications Department

organizes a webinar on

Hands on Database Connectivity in Django Framework



MR. SUNIT JHA
Python/Java/IOT Trainer,
TOPS Technologies

Faculty Co-ordinators:
**Prof. Prashant Keswani &
Prof. Rashmi Chouhan**

Head of Department:
Prof. Kaushika Pal

Date : 25th September 2020, Friday
Time : 10:45 AM to 12:45 PM

Django is a free and open source web application framework, written in Python. A web framework is a set of components that helps you to develop websites faster and easier. The main objective of this talk was to give Third Year MCA students hands on experience on working with the database using Django Framework for their project work that they have to do as part of the curriculum under subject Software Project - III, 4659304. The details of the webinar organized are as below:

Speaker:	Mr. Sunit Jha
Designation:	Python/JAVA/IOT Trainer, TOPS Technologies
Date & Time:	25 th September, 2020 10:45 AM to 12:45 PM
Venue:	Online (Google Meet)
Targeted Audience:	Third year MCA Students and Faculty Members from MCA Dept.
Coordinated By:	Prof. Prashant Keswani and Prof. Rashmi Chouhan
Participants:	60+ students and MCA Department Faculty Members

The session started with introduction of Mr. Sunit Jha by Prof. Prashant Keswani

Mr. Sunit covered various aspects of Django Framework

- Quick Introduction to Django Framework
- Creating a simple application to connect with the database
- Perform CRUD operations on the database
- How to use templates with Django Framework
- Long question and answer session with many students solving their individual queries

The session was completely practical as the speaker developed an application from scratch during the webinar. It was worth noting that the webinar was very interactive as the students could not stop asking questions even after the allotted time was over.

Towards the end of the session, the students were able to interact with the database using Django Framework as a part of assignment. After the session was completed, Prof. Rashmi Chouhan presented a Vote of Thanks by following the tradition of SCET.

We express our thanks to **Prof. Kaushika Pal**, Head, MCA Department to motivate us for conducting such webinars. We would also like to thank Dr. Hiren Patel, Principal, SCET, Faculty of Engineering for providing such conducive environment and Shri Bhaskar Cheruku for helping with the process.

Some glimpses of enthusiasm for learning in students are shared below:

REC Sunit Jha is presenting 19_034_Pratik P... and 53 more 11:05 AM

MVC	MVT
M = Models (Database)	M = Models(Database)
V = Views(FrontEnd)(HTML,CS S,JS)	V = Views(Controller)(Backend)
C = Controller(Backend)(Routing) JAVA,.NET,Php	T = Templates(FrontEnd)(HTML ,CSS) Django

18_002_shefali Singh
Sunit Jha
Jayana Ahuja

REC Sunit Jha is presenting 19_040_Jitendra Praj... and 53 more 11:23 AM

```
project > urls.py > -
14 2. Add a URL to urlpatterns: path('blog/', include('blog.urls'))
15
16 from django.contrib import admin
17 from django.urls import path,include
18
19 urlpatterns = [
20     path('admin/', admin.site.urls),
21     path("",include('app.urls'))
22 ]
23
```

EXPLORER
DJANGO SEMINAR
app
migrations
urls.py
__init__.py
admin.py
apps.py
models.py
tests.py
views.py
myenv
project
pycache_

18_003_Abhishek Dubey
Sunit Jha
Jayana Ahuja

REC Sunit Jha is presenting 19_049_Mihir Ta... and 53 more 11:55 AM

```
app > templates > app > show.html > html > body > div.container > table.table-bordered > tbody
25 <th>Email</th>
26 <th>Contact</th>
27 </tr>
28 </thead>
29 {% if key1 %}
30 <tbody>
31
32
33 <tr>
34     <td>John</td>
35     <td>Doe</td>
36     <td>john@example.com</td>
37 </tr>
38 </tbody>
39
40 {% endif %}
41 </table>
42 </div>
43
44 </body>
```

EXPLORER
DJANGO SEMINAR
app
pycache_
migrations
templates \ app
index.html
show.html
__init__.py
admin.py
apps.py
models.py
tests.py
urls.py
views.py
myenv
project
OUTLINE

18_003_Abhishek Dubey
Sunit Jha
Jayana Ahuja

*Report compiled by Prof. Prashant Keswani and Prof. Rashmi Chouhan
(Faculty Coordinators)*