



**Don Bosco Institute of Technology, Mumbai – 400070**



**Department of Computer Engineering**

Report on: **Advanced Web Development Workshop**

**Title : Advanced Web Development Workshop**

**Date : 18<sup>th</sup> January, 2022**

**Time : 6:00 pm to 9:00 pm**

**Venue : Google meet**

**Excerpt: <https://meet.google.com/mxk-noin-vra>**

**Registered: 67**

**Participants on Google meet : 66**

**Resource Person: Grejo Joby**

**Organizing Department/Committee/Authority: ACM Student Chapter**

**Faculty Coordinator: Ms. Sana Shaikh**

**Objective:**

- Gain knowledge on how static websites are hosted.
- Learn the working of domains and DNS(Domain Name System).
- Acquire knowledge on how to purchase and configure a domain.
- Understand the principles of creating an effective REST API(Application Programming Interface) using flask.

**Outcomes:**

- Develop a clear understanding about static and dynamic websites.
- Demonstrate the ability to build a website that includes basic CRUD(Create, Read, Update, Delete) operations.
- Demonstrate the ability to build a REST API(Application Programming Interface) using flask.

## **Report:**

ACM's *Advanced Web Development Workshop* was held on 18<sup>th</sup> January 2022 from 6:00 pm to 9:00 pm. The primary intent of this hands-on workshop was to help students get acquainted with and gain knowledge on backend development. The workshop was open for all branches of all engineering colleges.

Mr Grejo Joby (Chairperson - ACM) commenced this session by giving a brief overview of the topics that would be covered in the session. Throughout the session, he made sure that all the students got a clear idea regarding what he was explaining. The session was very interactive, doubts brought up by the participants were actively solved. Mr Grejo began by explaining the difference between a static and a dynamic website. He then demonstrated how to host a static website. Further on, he proceeded to the topic of domains, he defined domain and subdomain in detail. He showed how to purchase and configure a domain. He also covered topics like DNS(Domain Name System) configuration. He shared knowledge about what a name server, a dns zone and what dns entries are.

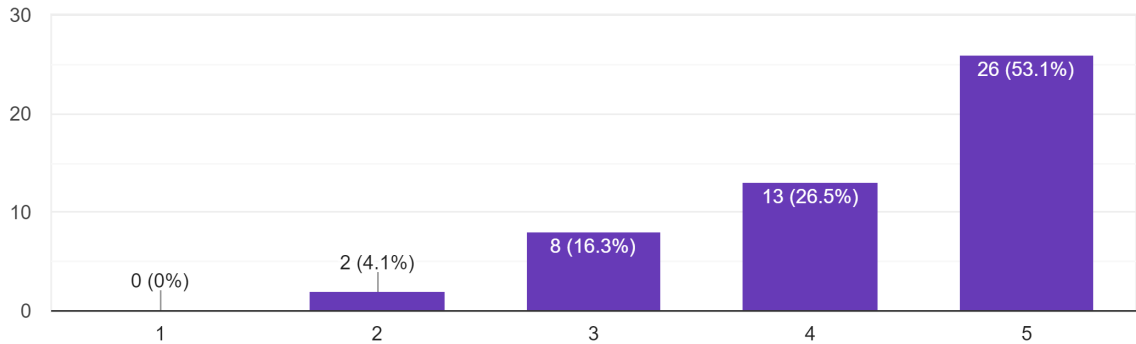
Proceeding, he informed them about web servers. He mentioned a few free, paid and cloud servers and suggested affordable ones. After which he moved on to the final topic which was Flask API. He started by describing what an API(Application Programming Interface)is and what Flask is. Following, he showed them how to install Flask and the needed libraries. He shared information about CRUD( Create, Read, Update, Delete), the four basic operations that can be performed on data. He demonstrated how a REST API is made using flask. Mr Grejo displayed a website which he made that stores book details and includes the basic CRUD operations. He explained the code of the website in detail.

Lastly a Q&A session was held, Mr Grejo cleared all the doubts and looked after the queries. He also suggested youtube courses and encouraged the students to explore further. At the end the participants were asked to fill the feedback form which was put up in the google meet chat box as well as circulated on the whatsapp group.

## FEEDBACK ANALYSIS:

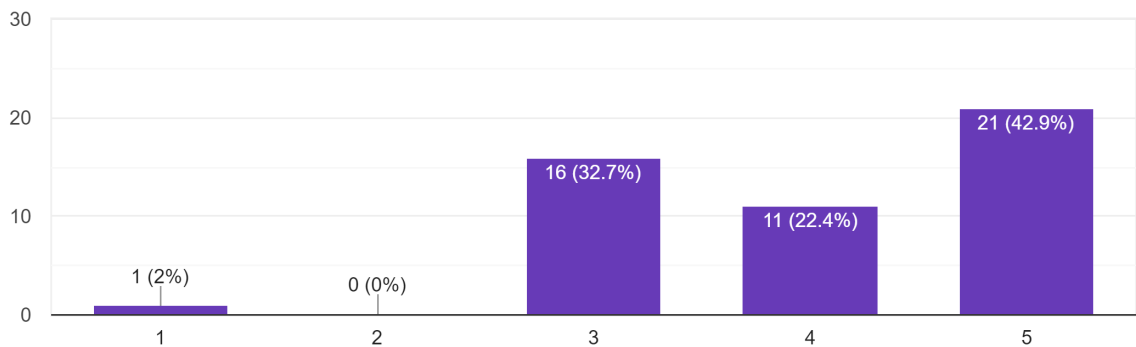
How satisfied were you with the workshop content?

49 responses



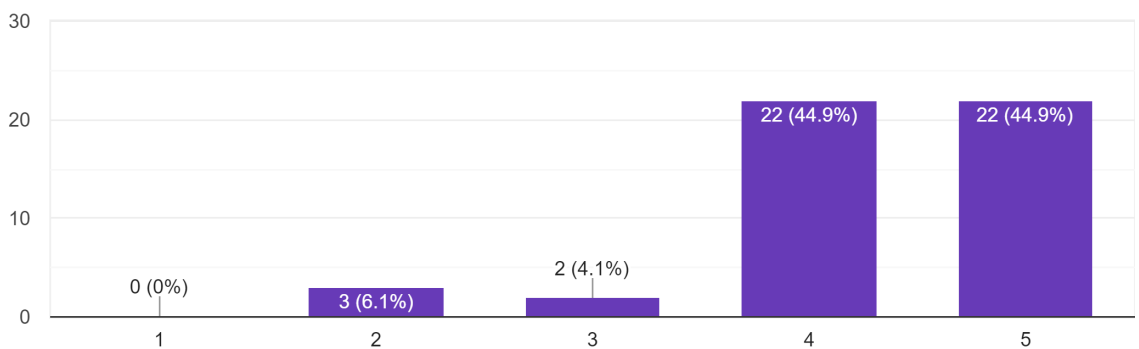
Was the content of the workshop enough to get you started with web development on your own?

49 responses

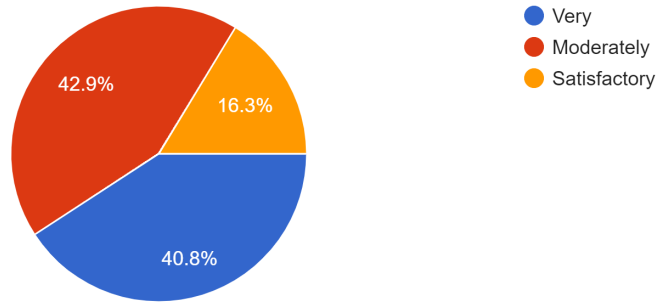


How organized did you find the workshop?

49 responses



How benefitting was the workshop for you  
49 responses



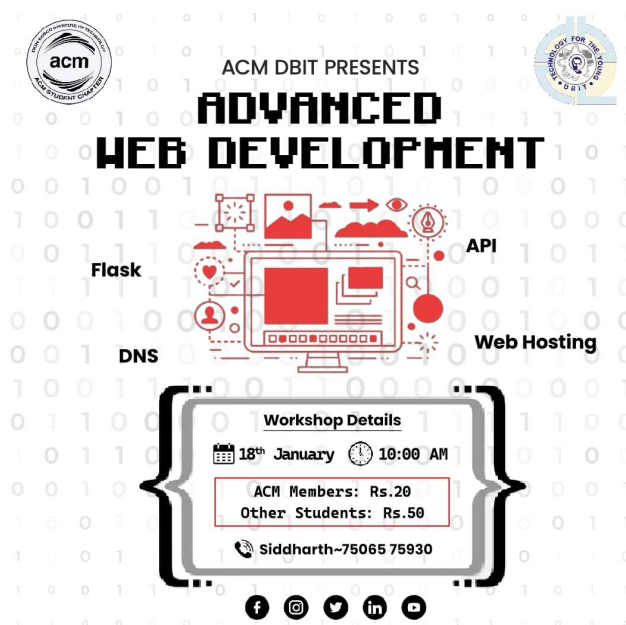
### SNAPSHOT OF THE EVENT:

**ADVANCED WEB DEVELOPMENT**  
ACM DBIT | GREJO JOB  
18 JAN 2022

**COURSE CONTENT**

- 01 How to host a static website?
- 02 How to setup a domain?
- 03 DNS Configuration
- 04 Flask API
- 05 Hosting Flask Servers - Further Scope

## POSTER:



## REGISTRATION DETAILS:

Name	Department	Year	College
Aaradhya G Deotale	COMPS	First Year (FE)	DBIT
Abhinav Atul Upadhyay	COMPS	First Year (FE)	DBIT
Aditi Mishra	EXTC	First Year (FE)	DBIT
Aditya Chauhan	COMPS	First Year (FE)	DBIT
Aditya Samant	COMPS	First Year (FE)	DBIT
Advay Vinod Gujar	IT	First Year (FE)	DBIT
Amaan shaikh	MECH	First Year (FE)	DBIT
Ananya Solanki	COMPS	First Year (FE)	DBIT
ANISH JANARDHAN PALANDE	MECH	First Year (FE)	DBIT
Annanya Yogesh Zadbuke	EXTC	First Year (FE)	DBIT
Ansel Dsouza	COMPS	First Year (FE)	DBIT
Anushka Emily Joseph	COMPS	First Year (FE)	DBIT
Arjun Bhuse	EXTC	First Year (FE)	DBIT
Ashish Varghese	IT	First Year (FE)	DBIT
Ayush Bhagat	IT	First Year (FE)	B N Bandodkar

Braz Chantel	IT	First Year (FE)	DBIT
Clarissa Dsouza	COMPS	First Year (FE)	DBIT
Dhruuv Sampat Naik	IT	First Year (FE)	DBIT
Divya Rupa Pradhan	EXTC	First Year (FE)	DBIT
Diya rai	EXTC	First Year (FE)	DBIT
figo fernandez	COMPS	First Year (FE)	DBIT
Gaurav Samanta	COMPS	Second Year (SE)	DBIT
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Hendry Chettier	IT	First Year (FE)	DBIT
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Likla Sinha	IT	Second Year (SE)	DBIT
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Manish Mangesh Shingre	COMPS	Second Year (SE)	DBIT
Manuel Ferreira	COMPS	First Year (FE)	DBIT
Mashkoo Abdul Rahim Patel	COMPS	Second Year (SE)	KCE jalgaon
Mrunal Suplekar	EXTC	First Year (FE)	DBIT
Nadar Allan Joseph	IT	Second Year (SE)	DBIT
Narendranath Chakraborty	IT	First Year (FE)	DBIT
Nicole Saldanha	COMPS	First Year (FE)	DBIT
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Prakhar Sharma	IT	First Year (FE)	DBIT
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Rhea Gupta	COMPS	Second Year (SE)	DBIT
Rohan Shantaram Gunge	IT	First Year (FE)	DBIT
Ronak Surve	COMPS	Second Year (SE)	DBIT
Roshni Pradip Gupta	EXTC	Second Year (SE)	Godavari college of Engineering Jalgaon
Sairaj naik	MECH	First Year (FE)	DBIT
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Savio Anthony Mampilly	IT	First Year (FE)	DBIT
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Shaun Lewis Fernandes	COMPS	First Year (FE)	DBIT
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Shriya Vinay Thakur	IT	First Year (FE)	DBIT
Shubham Ramesh Talawadekar	IT	Second Year (SE)	DBIT
Sraina Panchangam	IT	First Year (FE)	DBIT
sumit Sawant	IT	First Year (FE)	DBIT
Swaroop Bhagwat	IT	First Year (FE)	DBIT
Tanish Pankaj Nemade	MECH	First Year (FE)	DBIT
Viola Noronha	IT	First Year (FE)	DBIT
Vivek Pandey	MECH	First Year (FE)	DBIT
YASH D SHAH	COMPS	Fourth Year (BE)	DBIT
Yashas Khot	IT	First Year (FE)	DBIT

**Report prepared by**

**Ms. Grace Lewis**

**(ACM Asst Admin Head-DBIT)**

**Report approved by:**

**Ms. Sana Shaikh**

**(HOD Computer Department-DBIT)**