



**The Bombay Salesian Society's  
Don Bosco Institute of Technology, Mumbai-400070**



**Department of Computer Engineering  
Report on: Git and GitHub Workshop**

**Title : Git and GitHub Workshop**

**Date : 31<sup>st</sup> July 2024**

**Time : 11:15 am – 01:15 pm**

**Venue : Computer Centre 1 & 2**

**Participants Present : 78**

**Resource Person : Mr. Joshua Menezes**

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

**Faculty Coordinator : Ms. Priya Kaul**

**Objective:**

- ❖ To introduce students to Version Control Systems (VCS), highlighting their role in managing file changes, facilitating collaborative development, and resolving code conflicts.
- ❖ To provide hands-on training in Git and GitHub, covering setup, essential commands, repository management, and collaboration techniques including branching and pull requests.
- ❖ To ensure students gain practical experience with Git and GitHub, equipping them with skills for effective code management in their web development projects.

**Outcome:**

- ❖ Students gained a clear understanding of VCS and their benefits in managing file histories, supporting collaborative development, and resolving code conflicts.
- ❖ Participants acquired practical skills in using Git and GitHub, including setting up repositories, managing code changes, and handling pull requests effectively.
- ❖ Attendees were well-prepared to manage their code efficiently for projects.

## **REPORT:**

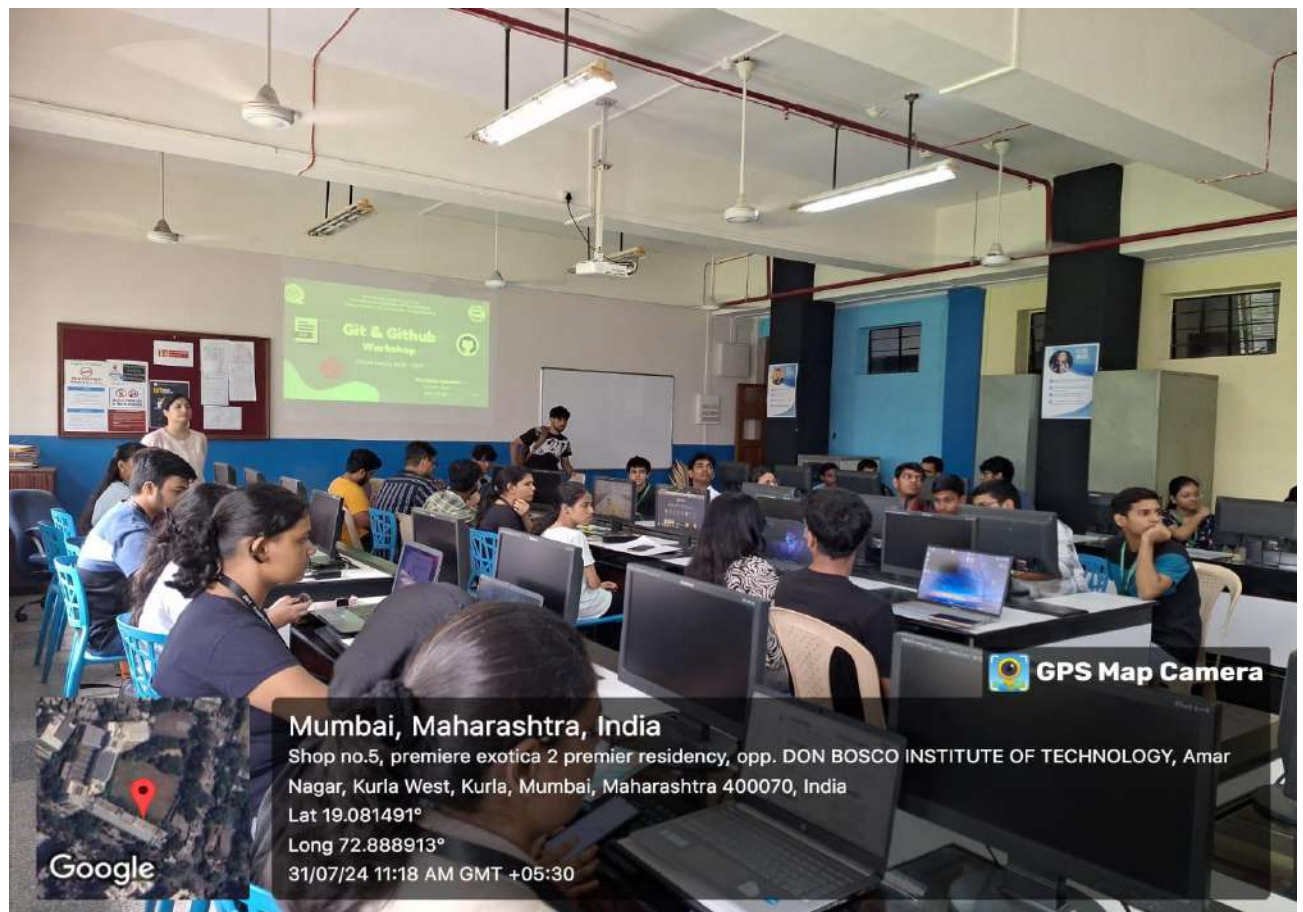
On July 31<sup>st</sup>, the second-year students at Don Bosco Institute of Technology had the opportunity to participate in an informative and hands-on Git and GitHub workshop. This workshop, designed to prepare students for their upcoming web development mini-projects, was led by Mr. Jayesh Wani, the Technical Head.

Mr. Wani kicked off the session by introducing the concept of Version Control Systems (VCS). He explained that VCS are essential tools that keep a history of all changes made to files, allowing users to view and revert to previous states easily. He highlighted the benefits of collaborative development, where multiple developers can work on the same project simultaneously without overwriting each other's changes, thanks to branches and merges. Furthermore, VCS helps manage code conflicts and ensures that the project's codebase remains consistent and error-free across different versions.

Following this, he introduced Git, detailing its significance and functionality. He guided the participants through the process of setting up Git for a local repository, covering essential commands and workflows. The session then transitioned to an introduction to GitHub, presented by Mr. Sahil Singh, a fourth-year student. Mr. Singh's presentation included creating new repositories on GitHub, providing step-by-step instructions on initializing new projects. He demonstrated how to commit and push changes from the local repository to GitHub, and instructed the participants on how to clone existing repositories for collaboration. Additionally, he explained how to use branches to manage different versions of a project and merge them seamlessly, concluding with guidance on submitting and managing pull requests for collaborative development.

The participants found the workshop highly useful, gaining practical knowledge and hands-on experience with both Git and GitHub. All the doubts presented by the participants were actively solved by the volunteers present. By the end of the session, they were well-equipped with the skills needed to manage their code efficiently for their web development projects. To acknowledge their participation, all attendees were awarded participation certificates. The workshop proved to be an invaluable experience, providing students with essential tools and knowledge to excel in their upcoming projects and future careers in software development.

## Snapshots of the event:







GPS Map Camera

Mumbai, Maharashtra, India

Shop no.5, premiere exotica 2 premier residency, opp. DON BOSCO INSTITUTE OF TECHNOLOGY, Amar Nagar, Kurla West, Kurla, Mumbai, Maharashtra 400070, India

Lat 19.081439°

Long 72.88878°

31/07/24 01:07 PM GMT +05:30

Google



GPS Map Camera

Mumbai, Maharashtra, India

Shop no.5, premiere exotica 2 premier residency, opp. DON BOSCO INSTITUTE OF TECHNOLOGY, Amar Nagar, Kurla West, Kurla, Mumbai, Maharashtra 400070, India

Lat 19.081365°

Long 72.888896°

31/07/24 11:43 AM GMT +05:30

Google





 **GPS Map Camera**



**Mumbai, Maharashtra, India**

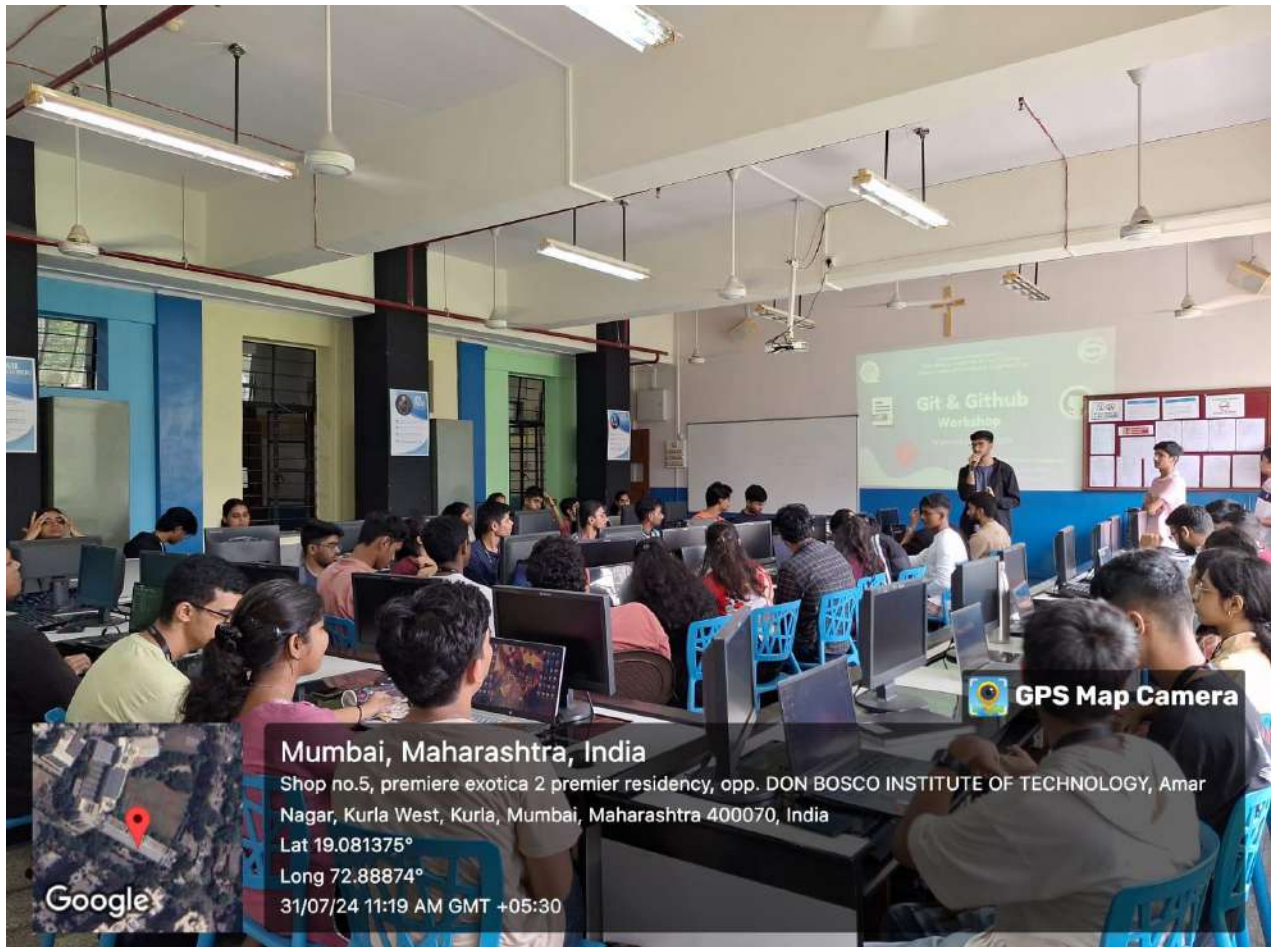
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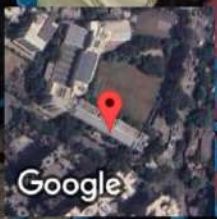
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31/07/24 11:38 AM GMT +05:30

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 **GPS Map Camera**



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Lat 19.081375°

Long 72.88874°

31/07/24 11:19 AM GMT +05:30

Google



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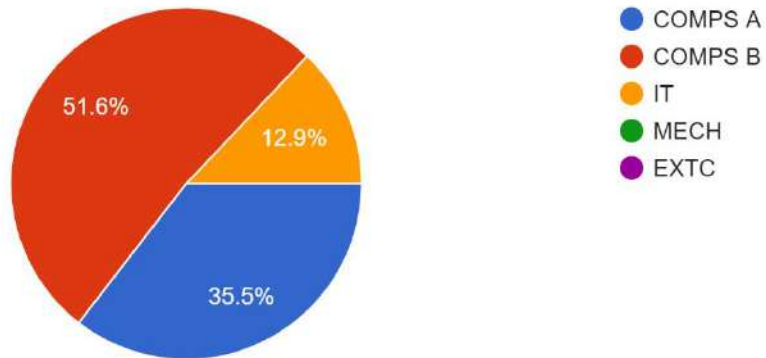
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## Feedback Analysis

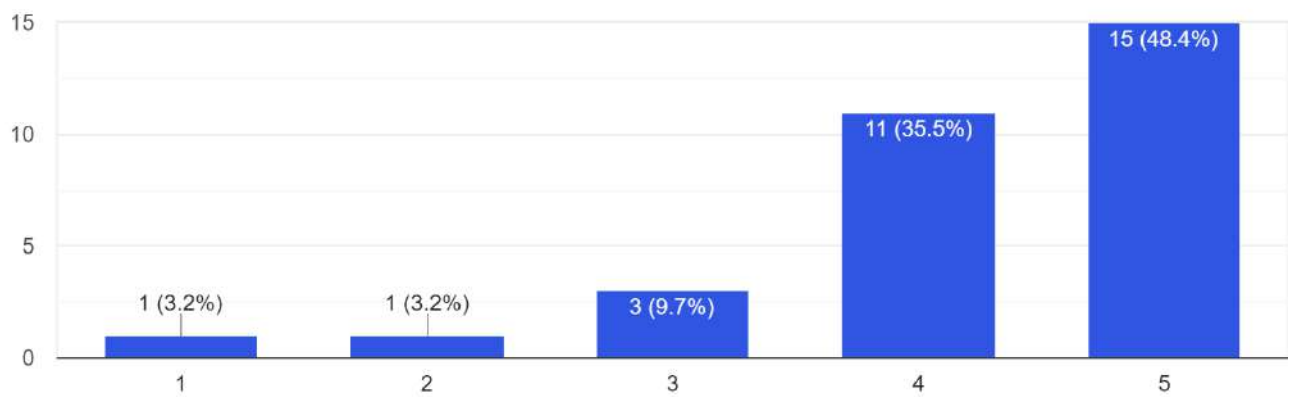
### Branch

31 responses



### Will you be able to apply the skills learnt in the session?

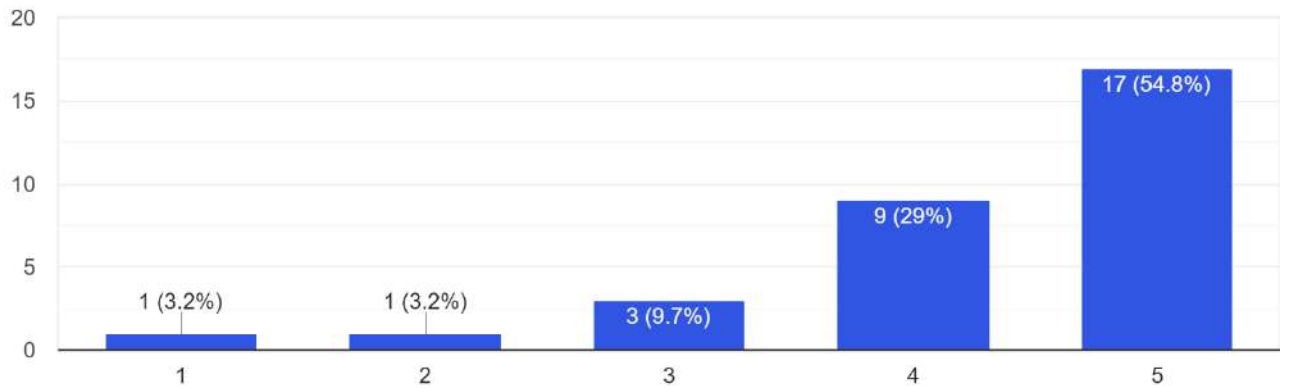
31 responses





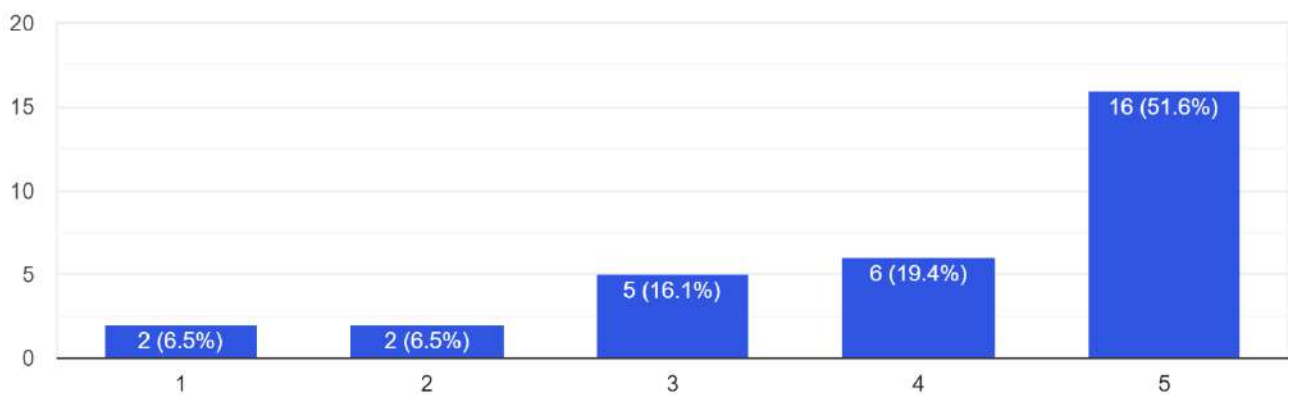
### Was the speaker able to solve all doubts satisfactorily?

31 responses



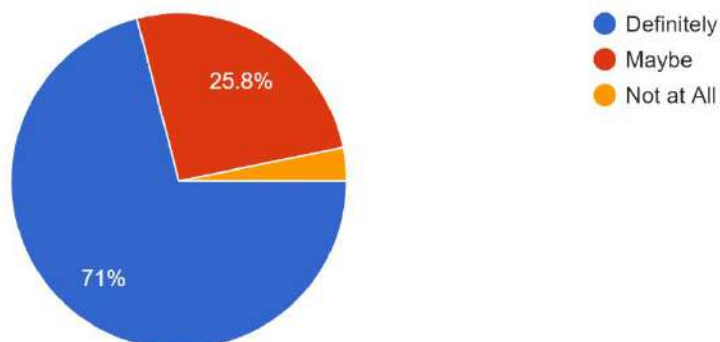
### Was the session thought provoking and engaging?

31 responses



### Would you like to attend such workshops in the future?

31 responses





Poster



The Bombay Salesian Society's  
DON BOSCO INSTITUTE OF TECHNOLOGY  
DEPARTMENT OF COMPUTER ENGINEERING



# ACM STUDENT CHAPTER

presents



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# GIT & GITHUB WORKSHOP



ACM-DBIT Update README.md



44 Commits



Wednesday, 31st July 2024



11:15 am to 1:15 pm



Computer centre, 2nd floor



Joshua:- 97698 30747



To Register  
Scan QR  
code.

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## **Social Media Links:**

- **ACM-DBIT:**

**LinkedIn:** <https://www.linkedin.com/company/acm-dbit/>

**Instagram:** <https://www.instagram.com/acm-dbit/>

### **Registration Details:**

No. of DBIT Students: 131

No. of non-DBIT students: 0

**Report Prepared By:**

**Ms. Erica Prasad**

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

**Report Approved By:**

**Ms. Priya Kaul**

**(Faculty Coordinator: ACM-DBIT)**