DON BOSCO INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION
IEEE-DBIT CS STUDENT BRANCH

"Open-Source Contribution Workshop"

Topic: "Open-Source Contribution and GitHub Basics"

Date: 24th July, 2025

Time: 11:15 am to 1:00 pm

Venue: Seminar Hall, A wing, Don Bosco Institute of Technology, Kurla, Mumbai 400070

Speaker: IEEE-DBIT student chapter: Krushnali Mungekar, Shariya Ansari

Support team: Piyush Mistry, Moin Khan, Kartik Dandelia, Prathmesh Kurdekar, Zubia Sarang, Aryan Arde, Nirmiti Bait, Pritika Mediboina, Dhruv Tare

No. of Participants Present: 69

No. of Girl Participants Present: 25

No. of Boy Participants Present: 44

Objective:

- To introduce students to the concept and benefits of Open-Source contribution.
- To demonstrate hands-on steps for making their first Open-Source contribution using Git and GitHub.
- To empower students with basic Git commands, collaboration workflows, and contribution best practices.

Outcome:

- **Version Control Skills:** Students understood the importance of version control using Git.
- **Practical GitHub Knowledge:** Learnt how to fork repositories, clone them, create branches, and make contributions.
- **Hands-On Contribution:** Students made their first pull request on a real Open-Source repository.

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- **Exposure to Open-Source Culture:** Understood the do's and don'ts of contributing to open projects.

Description:

IEEE DBIT CS Student Chapter organized a hands-on **"Open-Source Contribution Workshop"** on 24th July 2025 for students of all departments.

The session began with a brief presentation outlining the workshop flow, followed by an introduction to Git (a local version control tool) and GitHub (a platform for online collaboration and code sharing).

The theory session explained:

- What is Open-Source and why it matters
- Benefits of contributing to Open-Source: from learning and networking to job opportunities
- The right way to contribute, including reading the README and CONTRIBUTING files
- Common mistakes (how *not* to contribute, such as spamming or irrelevant PRs)
- Steps involved in contributing to Open-Source (as a structured Git workflow)
- Live examples of successful contributors from student communities
- Opportunities available through programs like GSoC, Hacktoberfest, and Outreachy

Next, the session shifted to a live demonstration of the GitHub workflow using the following steps:

1. Forking the repository
2. Cloning it locally
3. Creating a new branch
4. Editing the contributor's file

5. Staging the changes with git add

6. Committing them with a descriptive message

7. Pushing the branch back to GitHub

8. Creating a Pull Request (PR)

Basic Git commands such as:
git clone, git checkout -b, git status, git add, git commit -m, git push, and how to create a PR on GitHub were all demonstrated live.

Hands-On Session:

Each student forked a sample GitHub repository and was guided through:

- Editing a markdown file (Contributors.md)
- Using Git commands on their machine
- Sending their first pull request
- Understanding Git status reports and commit messages

This gave students practical exposure to tools that are fundamental in real-world software development and collaboration.

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Event Images: -

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Event Poster: -

Social Media Links:
Instagram - https://www.instagram.com/ieee_dbit/?hl=en
Website – https://ieee.dbit.in

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Participants: -

Sr no.	Name of the Student	Roll no.	Department
1.	Aaradhya Pawar	01	EXTC
2.	Abhinav Anil Borse	06	EXTC
3.	Aditya Makarand Sabnis	35	COMPS
4.	Amey Prashant kanade	22	EXTC
5.	Arpit Gadhiya	41	COMPS
6.	Asma Sayed	48	COMPS
7.	Astha Bomble	1	IT
8.	Akshay Menon	8	COMPS
9.	Ayush Borle	5	EXTC
10.	Atharva Tukaram Dalvi	22	COMPS
11.	Atharva Shimpi	44	COMPS
12.	Athiya Govardhan Shetty	45	EXTC
13.	Aayush Shikhare	16	COMPS
14.	Chaitanya gali	42	COMPS
15.	Christo Carly	56	COMPS
16.	Devansh Soni	50	EXTC
17.	Harshit Apekshit Patil	37	EXTC
18.	Harshita Vinod Vyas	62	COMPS
19.	Hentry Jaison	46	COMPS
20.	Het Pravin Visariya	60	COMPS
21.	Jaeden Lourenco Pereira	6	COMPS
22.	Jigyasa Rathi	49	IT

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23.	Jordan Pinto	39	EXTC
24.	Kathan Shethia	42	COMPS
25.	Kavya Thakar	59	EXTC
26.	Madhura Sunil Kedar	57	COMPS
27.	Mayank Nikam	31	EXTC
28.	Mohammed Musham Hasan	19	EXTC
29.	Mousam Patra	43	IT
30.	Newton D'Souza	32	COMPS
31.	Ocina	43	EXTC
32.	Om Waghmare	63	COMPS
33.	Pramit Kulkarni	1	COMPS
34.	Princymary Dsouza	33	COMPS
35.	Priya Khandait	24	EXTC
36.	Pushkar Mahale	29	EXTC
37.	Philon Pinto	27	COMPS
38.	Prachi Mandlik	30	EXasth
39.	Reuben Jorrigal	52	COMPS
40.	Rishi Bajpai	3	EXTC
41.	Roger D'souza	35	COMPS
42.	Sanket Jadhav	48	COMPS
43.	Sarthak Sawant	38	COMPS
44.	Shrutika Phatangare	46	IT
45.	Shikha jhawar	50	COMPS
46.	Sampada Kaginkar	23	IT

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47.	Shubham Mahajani	6	COMPS
48.	Siddhi Sachin Chavan	19	COMPS
49.	Siya agivale	02	EXTC
50.	Soham Kokane	61	COMPS
51.	Surekha Shankar Kini	60	COMPS
52.	Sushmita Mishra	09	COMPS
53.	Swara Ajay Ghosalkar	15	EXTC
54.	Swanandi Chavan	8	EXTC
55.	Saroj	2	COMPS
56.	Swarup Patil	25	COMPS
57.	Rahul Prajapati	27	COMPS
58.	Tanvi Kale	54	COMPS
59.	Tanvi Khamitkar	23	EXTC
60.	Tirth Shetty	46	EXTC
61.	Titus Ashworth	08	COMPS
62.	Vanessa Dsouza	37	COMPS
63.	Varad Khadilkar	58	COMPS
64.	Vineet suryawanshi	52	EXTC
65.	Vimla Choudhary	6	IT
66.	Yash Khanvilkar	26	EXTC
67.	Yash Sanjay	63	COMPS
68.	Yahya Siddique	49	COMPS
69.	Yashash Dahbara	10	EXTC

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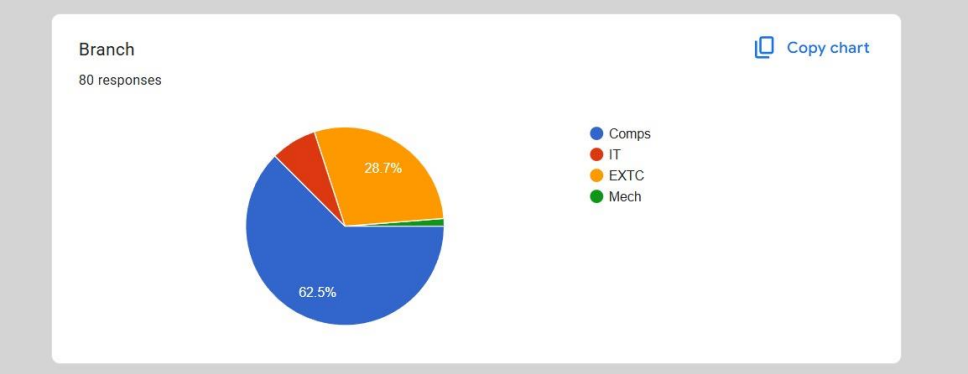
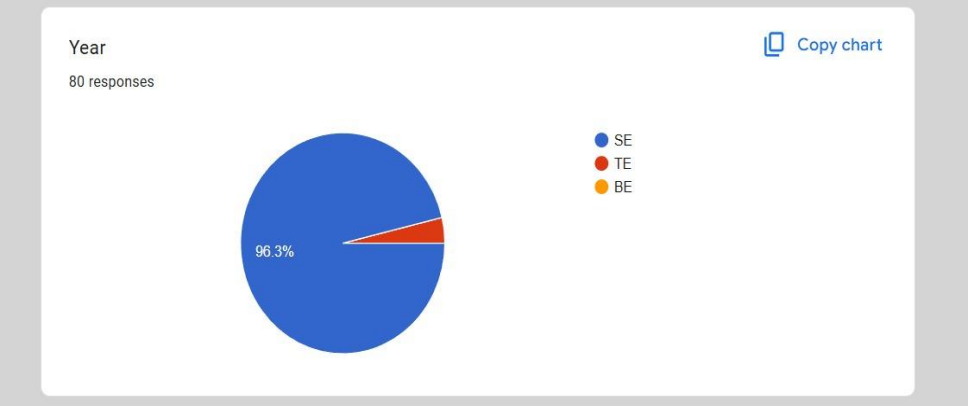
Feedback Categories and Average Ratings:

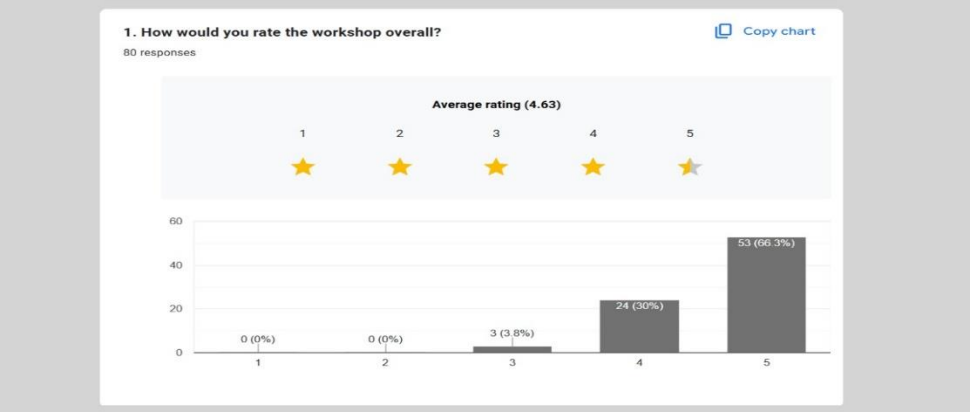
Departments:



Year:



Ratings of the workshop:



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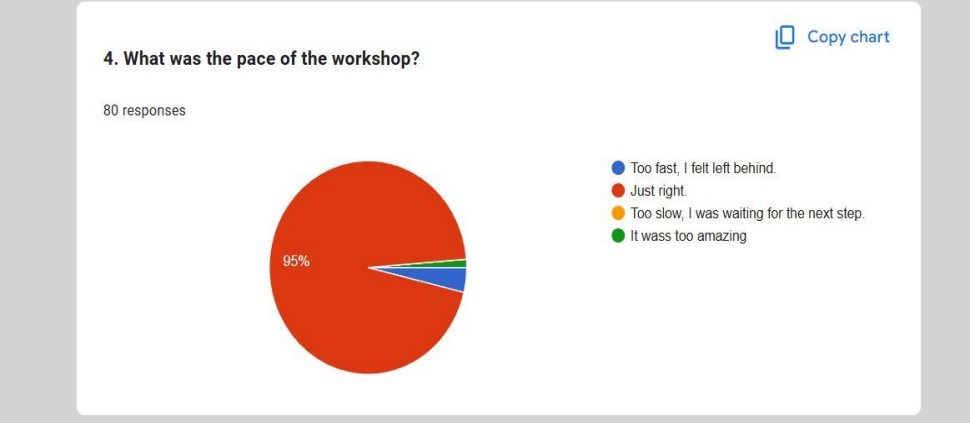
Ratings of the Concept cleared in the Workshop:

Pacing of the Workshop:



Comments on the workshop: -

What was the MOST valuable part of the workshop for you?

1. The actual use of Open-Source
2. Hands on learning
3. Technical start for Git
4. That it taught something that everyone needed to know
5. I made my first contribution, but I had errors

6. Learning about git and GitHub, open-source platforms
7. learning about Open-Source, willing to code more
8. It was about the basic commands of GitHub
9. Helpful nature and explained well all concepts
10. SENDING MY FIRST PR TO OPEN-SOURCE

Conclusion:

The Open-Source Contribution Workshop by IEEE-DBIT CS successfully introduced students to the culture, practices, and workflow of contributing to open-source projects. Participants learned both the theoretical importance and practical usage of Git and GitHub. Most importantly, they completed their first-ever open-source contribution, which will serve as a strong foundation for future endeavours in tech communities and software development.

Report Prepared by: IEEE DBIT reporting team

Name of the Student: Dhruv Tare

Post of the student: Reporting Head

Name of the Student: Pritika Mediboina

Post of the Student: Joint Reporting Head