# Git Workshop Series Report

Organized by FOSS Club, LBS College of Engineering, Kasaragod









### 1. Introduction

The FOSS Club of LBS College of Engineering successfully organized a multi-part Git Workshop Series titled 'Git Started: Master the Basics of GitHub for Free!'. The initiative aimed to introduce students to version control using Git and GitHub, promoting collaborative development and open-source contributions.

# 2. Objective

- To equip students with the basic skills required to use Git and GitHub.
- To enable participants to manage source code efficiently and collaboratively.
- To encourage open-source contribution and project version tracking among students.

## 3. Event Details

Date(s)	Time	Venue	Speaker	Designation	Seats	Remarks
29 Jan (Wednesday)	12:45 PM - 1:30 PM	CS004	Umar Al Mukhtar	IEDC Technical Lead	20	Day 1 of 2- day workshop for same batch
30 Jan (Thursday)	12:45 PM - 1:30 PM	CS004	Umar Al Mukhtar	IEDC Technical Lead	20	Day 2 continuation for same batch
5 Mar (Wednesday)	12:45 PM - 1:30 PM	CS004	Umar Al Mukhtar	CTO, IEDC LBSCEK	20	One-day standalone session
12 Mar (Wednesday)	12:45 PM - 1:30 PM	CS004	Sidharth S	Technical Lead, FOSS Club	20	Follow-up workshop
19 Mar (Wednesday)	12:45 PM - 1:30 PM	CS004	Sanjay K P	Vice Captain, ED Club	20	Final physical session before online

## 4. Participation

Despite each session having a seat limit of 15–20 for hands-on engagement, all sessions saw full attendance of 20 participants each. The workshops were conducted in an interactive, peer-led format that encouraged active participation.

#### 5. Session Format and Structure

- Each session was hands-on, with students working on their own laptops.
- The initial two sessions (29–30 Jan) by Umar Al Mukhtar were conducted for the same group over two consecutive days.
- The subsequent session on 5 March served as a crash course for a new batch.
- Sessions by Sidharth S and Sanjay K P focused on revision, clarification of doubts, and real-time demos.
- A follow-up online session was held after the final physical session to ensure continuity and provide a platform for additional queries and advanced learning.

## 6. Feedback Summary

Participants unanimously found the sessions very helpful and insightful, especially for those with no prior experience in version control. Many students expressed increased confidence in using Git and GitHub for their personal and academic projects.

## 7. Challenges Faced

- Managing first-time participants was challenging, particularly with laptop setup and installation of Git tools.
- Additional time had to be dedicated to debugging environment issues across diverse operating systems.

#### 8. Outcome and Future Plans

The workshop series has laid a strong foundation in version control for many students. Based on the positive response, the FOSS Club is planning to:

- Conduct advanced sessions on collaborative workflows, GitHub Actions, and branching strategies.
- Introduce project-based learning using Git in future workshops.
- Organize regular follow-up sessions, both online and offline, to build consistency and fluency in using Git.

# 9. Acknowledgements

We thank:

- Umar Al Mukhtar, Sidharth S, and Sanjay K P for their dedication as resource persons.
- The FOSS Club Coordinators and volunteers for organizing and managing logistics.
- IEDC, EDC, IIC, and ICFOSS for their support and collaboration.

## 10. Conclusion

The Git Workshop Series was a well-received and impactful initiative by the FOSS Club, promoting essential development practices among students. The sessions have sparked increased interest in collaborative coding and open-source contributions and have established a strong groundwork for future technical upskilling activities.

