

Date: 9/8/2025

REPORT ON “Enriching Coding Workflow with Git and GitHub”

Name of the Program:	Enriching Coding Workflow with Git and GitHub		Program Dates & Timings:		09-08-2025 2:00 PM to 4:00PM	
Name & Details of the Resource Person:	Mrs. Pragathi Hegde Assistant Professor Dept. of CSE(ICB)					
Organized by	CSE(ICB) Dept		In Association with (clubs/Dept.)		Dept.	
Number of Participants	Students	63	Faculty	-	External participants	Nil
Program Outcome (PO) Mapping	1,2,3,5,9,10,11,12					
Coordinators	Pragathi Hegde					
Expenditure	Nil		Social Media Link	Nil		

About the Program:

The technical session on GitHub has been conducted in batches for the 5th semester ICB students. The session was conducted from 2:00 PM to 4:00 PM in the venue A-422 lab. The resource person had explained to the students about the importance of Git and GitHub and how to use it using the basic commands. The students were told to make local repository and copy to the GitHub repository using the pull request command. Also, the students were able to create GitHub account and clone any source code to the local machine. The other project development and collaboration tools was also discussed in the session.

Objectives: The program “Enriching coding workflow with Git and GitHub” enable students to

- Create a Git repository on their local machine and track changes.
- Create a remote repository on GitHub
- Link a local Git repository to a remote GitHub repository and sync changes.
- List Git and GitHub features for project development and collaboration.

Outcomes: On successful completion of program of this session the student should able to:

1. To have a GitHub account
2. Maintain a copy of their projects in the repository from the local machine.
3. To use all the basic git commands such as clone, branch, pull, push, config and add.

Articulation Matrix:

Course Outcomes	Program Outcomes											
	1	2	3	4	5	6	7	8	9	10	11	12
1			2		3				3		3	3
2			2		3				3		3	3
3			2		3				3		3	3
Average			2		3				3		3	3

Photos:





The students were given an insight about Git and GitHub with practical explanation. The students had created GitHub account and also made repository for their project. They were asked to execute the basic git commands such as add, clone, config, push, commit, pull. In the future, they have been asked to maintain copy of their mini project in GitHub account and keep track of all changes for their day-day to work on it. The students were demonstrated about how to make clone of repository in the remote Git Hub to their local machine.

Coordinator

Pragathi Hegde

HOD

Dean Academics

Principal

For Information: Vice President, LMET

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