

DEPARTMENT OF COMPUTER SCIENCE & DESIGN

Lesson Plan & Work-done Diary for AY: 2026-27, ODD Semester

Course with Code: Project Management (with Git) 1BCSL307A				Faculty: Mr. Shashank Patil			Semester & Section: 3 rd Sem
Class No.	Date Planned (DD/MM)	Topics to be covered	TLP Planned	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation
LAB EXPERIMENTS							
1		INTRODUCTION					
2		Setting Up and Basic Commands Initialize a new Git repository in a directory. Create a new file and add it to the staging area and commit the changes with an appropriate commit message.	PPT				
3		Creating and Managing Branches Create a new branch named "feature-branch." Switch to the "master" branch. Merge the "feature-branch" into "master."	PPT				
4		Analysing and Changing Git History Given a commit ID, how would you use Git to view the details of that specific commit, including the author, date, and commit message?	PPT				
5		Analysing and Changing Git History Write the command to list all commits made by the author "JohnDoe" between "2023-01-01" and "2023-12-31."	PPT				
6		Analysing and Changing Git History Write the command to display the last five commits in the repository's history.	PPT				

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LAB EXPERIMENTS							
7		Analysing and Changing Git History Write the command to undo the changes introduced by the commit with the ID "abc123".	PPT				
8		LAB IA 1					
9		Git Tags and Releases Write the command to create a lightweight Git tag named "v1.0" for a commit in your local repository.	PPT				
10		Creating and Managing Branches Write the commands to stash your changes, switch branches, and then apply the stashed changes.	PPT				
11		Collaboration and Remote Repositories Clone a remote Git repository to your local machine.	PPT				
12		Collaboration and Remote Repositories Fetch the latest changes from a remote repository and rebase your local branch onto the updated remote branch.	PPT				



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LAB EXPERIMENTS							
13		Collaboration and Remote Repositories Write the command to merge "feature-branch" into "master" while providing a custom commit message for the merge.	PPT				
14		Advanced Git Operations Write the command to cherry-pick a range of commits from "source-branch" to the current branch.	PPT				
15		LAB IA 2					

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	Activity	Planned	Actual	Remarks
1	Laboratory Classes	B1:15 B2:15 B3:15		
2	Assignments/ Quizzes/ Self-study	00		
3	Tutorials/ Extra classes	00		
4	Internal Assessments	B1:02 B2:02 B3:02		
5	ICT based Teaching (% of usage in Curriculum)	100%		
Planning			Execution	
Faculty Signature:			Faculty Signature:	
HoD Signature:			HoD Signature:	