## **Objectives**

**Familiar with Git commands like git init, git status, git add, git commit, git push, and git pull.**

**git init:** This command initializes a new Git repository in the current folder. It sets up the .git directory so Git can start tracking changes.

**git status:** It shows the currents state of the working directory and staging area. You can see which files are modified, staged, or untracked.

**git add:** This command moves changes from the working directory to the staging area. A message is added to describe what changes were made.

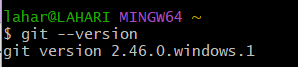
**git commit:** It permanently records the staged changes in the repository’s history. A message is added to describe what changes were made.

**git push:** This command uploads local repository changes to a remote repository. It’s used to share updates with others on platforms like GitHub or GitLab.

**git pull:** It fetches and integrates changes from a remote repository to your local one. This helps keep your code up to date with remote updates.

**In this hands-on lab, you will learn how to**

* **Setup your machine with Git Configuration**
* **Integrate notepad++.exe to Git and make it a default editor**
* **Add a file to source code repository**

git –version  


$ git config --global user.name "Atmakuri-Lahari"

git config --global user.email "22501a4404@pvpsit.ac.in"



$ git config --global --list

