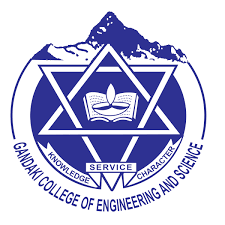
# **GANDAKI COLLEGE OF ENGINEERING & SCIENCE**

Lamachaur, Pokhara



**Lab1 :- TO UNDERSTAND THE FUNDAMENTAL OPERATIONS OF Git AND GitHub**

GitHub Profile Name : **iamsimran101**

Repository Name : **Enterprise**

**THEORY:** Git is a version control system that helps you keep track of changes in your code over time. It’s like having a time machine for your project, so you can go back to previous versions if something goes wrong or if you want to see what changed.

With Git :

1. Create a project repository to track your code.
2. Save snapshots of your work using commits.
3. Work on new features in separate branches without affecting the main code.
4. Merge changes from different branches when ready.
5. Collaborate with others without overwriting each other's work.
6. Upload your code to platforms like GitHub to share or back it up online.

**STEPS CARRIED OUT :**

Step 1 : Created a new folder with a text file

Step 2 : Created a public GitHub repo

Step 3: Pushed folder to GitHub using SSH

Step 4 : Created develop, feature, and bugfid branches

Step 5 : Created pull requests:

● feature → develop

● develop → main

Step 6 : Merged:

● feature → develop

● develop → main

# **SCREENSHOTS**