



**Sri Aurobindo  
Institute of Technology**

## **LAB ASSIGNMENT 2**

**Name of Faculty: Prof. Swati Choudhary**

**Course & Year (Semester): B.Tech (CSE SEC-A) III year (V Sem)**

**Subject Code: LINUX LAB (CS-505)**

**Assigned Date: 10/11/2025**

**Submission Date: 17/11/2025**

Task 1: You want to check how much free disk space is available on your system.

Task 2: You have been working on a long document. Redirect the output of a command that lists files in the current directory into a new file called "filelist.txt".

Task 3: You've downloaded a script but need to grant it executable permissions before you can run it. Set the correct permission for "script.sh".

Task 4: You need to view a manual page for a command but want to search for a specific keyword within the manual itself.

Task 5: Create a symbolic link in your home directory that points to a file called "targetfile" in the /etc directory.

Task 6: You want to compare the contents of two text files, "file1.txt" and "file2.txt", to see what differences exist between them.

Task 7: You need to find all the files in your current directory that contain the word "error" inside the file content.

Task 8: You need to compress a directory called "project" into a tarball named "project.tar.gz" to save space.