

Indian Institute of Information Technology, Nagpur

Department of Computer Science & Engineering

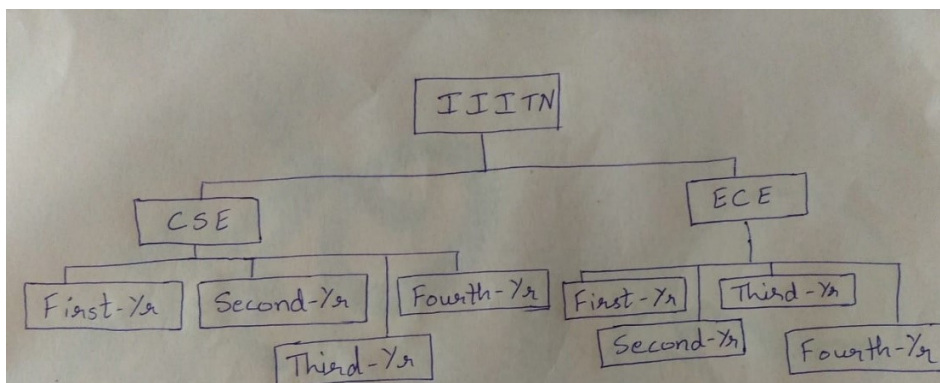
Session 2021-2022

Subject:- IT Workshop 1

Lab Sheet on Basic Linux Commands

Use the commands that are explained in the previous lectures and practice the following:

1. Create the following hierarchy of directories for the session 2021-2022,



2. Create files named as **gradesheet**, **attendance**, **studentDetail** in all the leaf directories created above (that is, inside **First-yr**, **Second-yr**, **Third-yr** and **Fourth-yr** directories of **CSE** and **ECE**).
3. Consider that one year has passed and session 2021-2022 has ended.
 - a. Create another directory named as "**AdminData**" inside **IIITN** directory. Move the **gradesheet** file from all the directories to this **AdminData** directory (For this, rename the file first and then move).
 - b. Also move the file **studentDetail** from **fourth-yr** of **CSE** and **ECE** to **AdminData** directory.
 - c. We need to move the **studentDetail** file to higher semester directories. Therefore, move the **studentDetail** file from **Third-yr** to **Fourth-yr**, **Second-yr** to **Third-yr** and finally from **First-yr** to **Second yr**.
4. Write a command to display the date in dd-mm-yy format.
5. Write a command to display the calendar of 2002.
6. Write a command to display the list of all directories and files whose names are starting with the letter **s**.
7. Write a command to display the list of all directories and files whose names are 5 characters long.
8. Write a command to display the list of all directories and files starting with the letter **g** or **a**.
9. Study and practice **tar** command. (**tar** is used for creating archive)