

## Department of Computer Science and Engineering

<b>Course Code:</b> CSE321	<b>Credits:</b> 1.5
<b>Course Name:</b> Operating Systems	<b>Semester:</b> Sum'18

### Lab 01 Basic commands on Linux terminal

#### 1. Topic overview:

Students will be introduced with the Linux operating systems. They will learn basic command of linux terminal. They will solve several problems related to linux command in this lab.

#### 2. Learning outcome:

After this lab students will be able to:

- Use linux terminal
- Access file and directories from terminal
- Perform basic operation on the file system of linux,

#### 3. Activity details:

**First hour:**

- i. Discussion of linux operating system
- ii. Introduction with linux kernel
- iii. Discussion on file system and organizations of Linux
- iv. Introduction with linux terminal

**Second hour:**

- i. Practise basic commands from terminal.
- ii. Different operation on file system

**Third hour:** Problem solving (Lab tasks)



## Lab tasks

**Task 1:** open terminal and navigate to Desktop.

**Task 2:** Enter command **ls -l** in terminal and explain the output.

**Task 3:** Create a file name.txt in Desktop

**Task 4:** change the permission of the file to owner: read write, execute, group: read and execute and for other user execute only.

**Task 5:** create a directory named mydirectory

**Task 6:** copy the file name.txt to mydirectory.

**Task 7:** Delete the file name.txt from desktop