FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING
Department of Computer Engineering

Subject: OPERATING SYSTEM, SEM IV

Subject Incharge: Prof. Mahendra Mehra

Operating System

2018-19

LIST OF EXPERIMENTS

Sr.no.	Experiments	CO MAPPING
1	To study the Linux File system Hierarchy and different types users in LINUX.	CO1
2	Learning Linux File | User | Process Management commands.	CO1
3	Linux Bash Scripting (BASICS)	CO1
4	Linux Bash Scripting (Advanced) (GREP | AWK | SED | CUT)	CO1

5	System Calls
	
	   a. Program to implement I/O System call
	   b. Process management (fork | wait | getpid | getppid | getuid | setuid | getgid | getegid)
		CO1

6	Write a program to demonstrate Process Scheduling Algorithms
	   a. FCFS
	   b. Non Preemptive SJF
	   c. Round Robin
	   d. Non Preemptive Priority
		CO2

7	Write a program to Demonstrate Bankers Algorithm for Deadlock Avoidance	CO3

8	Implement various page replacement policies
	   a. FIFO
	   b. LRU
		CO4

9	Implement Dynamic Partitioning Placement Algorithms
	   a. Best Fit
	   b. First-Fit
	   c. Worst-Fit etc
		CO4

10	Mini Project	CO1 & CO4