

KDK COLLEGE OF ENGINEERING
Department of Computer Science & Engineering

THIRD SEMESTER B. Tech.

BECSE309P : OPERATING SYSTEM LAB

List of Experiments

- 1. To create a new child process using fork system call.**
- 2. To block a parent process until child completes using wait system call.**
- 3. To schedule snapshot of processes queued according to FCFS (First Come First Serve.)**
- 4. To schedule snapshot of processes queued according to SJF (Shortest Job First) scheduling.**
- 5. To schedule snapshot of processes queued according to Priority scheduling.**
- 6. To schedule snapshot of processes queued according to Round robin scheduling.**
- 7. Write a program to implement demand paging for a reference string using FIFO method.**
- 8. Write a program to implement demand paging for a reference string using LRU method.**
- 9. To write a c program to implement best fit algorithm for memory management.**
- 10. To synchronize producer and consumer processes using semaphore.**
- 11. Write a C program to simulate the MVT Multiprogramming with a Variable number of Tasks memory management techniques.**
- 12. Write a C program to simulate the MFT (Multiprogramming with a Fixed number of Tasks) memory management techniques.**