**Operating Systems Assignment**

(Illustrate with diagrams, where ever it is appropriate)

1. Discuss the Overview of operating system
2. Explain real time operating system
3. Discuss file system manipulation & error handling services
4. Differentiate between multitasking & multiprogramming
5. Explain the process life cycle
6. Expand & explain PCB
7. Compare the process schedulers
8. Expand & explain SJN
9. Discuss many to many MODEL with respect to(wrt) threads

10.Explain Fragmentation & segmentation wrt memory management

11. Explain LRU algorithm

12. Explain synchronous & asynchronous I/O

13 what are the different file access mechanisms

14. Explain program & system threats

15. Explain the components of Linux system