**PANIPAT INSTITUTE OF ENGINEERING AND TECHNOLOGY PANIPAT
DEPARTMENT OF INFORMATION TECHNOLOGY**

Lab Plan

Subject: Operating System   **Subject code: PC-IT-214LA**

Session: 2023-24   **Semester: IV**

CO	CO Description
CO1	Implement and analyze Process Scheduling algorithms.
CO2	Implement deadlock avoidance algorithms.
CO3	Implement memory management algorithms.
CO4	Implement interprocess communication.

LIST OF EXPERIMENTS

S.No.	Program Name	Course Outcome
1.	Write a program to implement First Come First Serve.	CO1
2.	Write a program to implement Shortest Job Firs Scheduling.	CO1
3.	Write a program to implement Priority Based Scheduling.	CO1
4.	Write a program to implement Round Robin Scheduling.	CO1
5.	Write a program to implement Banker's Algorithm.	CO2
6.	Write a program to implement Producer Consumer Problem.	CO4
7.	Write a program to implement Worst fit method.	CO3
8.	Write a program to implement best fit method.	CO3
9.	Write a program to implement first fit method.	CO3
10.	Write a program to implement LRU page replacement method.	CO3
11.	Write a program to implement Optimal page replacement algorithm.	CO3