**LAB Session 4:** Write a C/CPP/Java program to simulate the following non-preemptive CPU scheduling algorithms to find turnaround time and waiting time for the above problem. a) FCFS b) SJF c) Round Robin d) Priority

**LAB Session 5: OBJECTIVE** Write a C/CPP/Java program to simulate Bankers algorithm for the purpose of deadlock avoidance.

**LAB Session 6:** Write a C program to simulate the following file allocation strategies.

a) Sequential

b) Linked

c) Indexed

**LAB Session 7:** Write a C program to simulate the following file organization techniques a) Single level directory b) Two level directory c) Hierarchical

**LAB Session 8**

Write a C / C++ program to simulate **disk scheduling algorithms**

a) FCFS b) SSTF c) SCAN d) C-SCAN e) LOOK f) C-LOOK

**LAB Session 9**

Write a C / C++ program to simulate the following **contiguous memory allocation** techniques:

a) Worst-fit

b) Best-fit

c) First-fit

**LAB Session 10** **:** Write a C / C++ program to simulate the **paging technique** of memory management.