

**OPERATING SYSTEM & COMPUTER GRAPHICS LAB**

1. Implementation of DDA Line Algorithm
2. Implementation of Bresenham's Line Algorithm
3. Implementation of Midpoint Circle Algorithm
4. Implementation of Midpoint Ellipse Algorithm
5. Implementation of Two Dimensional Transformations
6. Implementation of Two Dimensional Composite Transformations
7. Simulate the Following cpu Scheduling Algorithms  
A) Round Robin B) Sjf C) Fcfs D) Priority
8. Multiprogramming-Memory Management- Implementation Of Fork (), Wait (), Exec () And Exit ()
9. Simulate The Following
  - a. Multiprogramming with A Fixed Number Of Tasks (Mft)
  - b. Multiprogramming with A Variable Number Of Tasks (Mvt)
12. Simulate Bankers Algorithm for Dead Lock Avoidance
13. Simulate Bankers Algorithm for Dead Lock Prevention.
14. Simulate The Following Page Replacement Algorithms.  
A) Fifo B) Lru C) Lfu
15. Simulate the Following File Allocation Strategies  
A) Sequenced B) Indexed C) Linked