**Subject: Operating System Subject Code: CSC-259**

**Lab Index**

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| **Lab. No.** | **Title** | **Submission Date** | **Grade** | **Signature** |
| **1.** | **Write a program to implement First Come First Serve (FCFS) Scheduling Algorithm.** |  |  |  |
| **2.** | **Write a program to implement Shortest Job First (SJF) Scheduling Algorithm.** |  |  |  |
| **3.** | **Write a program to implement Round Robin (RR) Scheduling Algorithm.** |  |  |  |
| **4.** | **Write a program to simulate First In First Out (FIFO) Page Replacement Algorithm.** |  |  |  |
| **5.** | **Write a program to simulate Optimal Page Replacement (OPR) Page Replacement Algorithm.** |  |  |  |
| **6.** | **Write a program to simulate Least Recently Used (LRU) Page Replacement Algorithm.** |  |  |  |

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| **Lab. No.** | **Title** | **Submission Date** | **Grade** | **Signature** |
| **7.** | **Write a program to detect deadlock using Banker’s Algorithm for multiple resource of its type.** |  |  |  |
| **8.** | **Write a program to implement First Fit Memory Allocation Algorithm.** |  |  |  |
| **9.** | **Write a program to implement Best Fit Memory Allocation Algorithm.** |  |  |  |
| **10.** | **Write a program to implement Worst Fit Memory Allocation Algorithm.** |  |  |  |
| **11.** | **Write a program to implement First Come First Serve (FCFS) to find the no. of movements made by R/W head.** |  |  |  |
| **12.** | **Write a program to implement Shortest Seek Time First (SSTF) to find the no. of movements made by R/W head.** |  |  |  |

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| **Lab. No.** | **Title** | **Submission Date** | **Grade** | **Signature** |
| **13.** | **Write a program to implement SCAN to find the no. of movements made by R/W head.** |  |  |  |
| **14.** | **Write a program to implement C-LOOK to find the no. of movements made by R/W head.** |  |  |  |

\*Faculty must grade in A,B,C,D or E for individual Lab.