

LAB CYCLE – SYSTEM SOFTWARE LAB(CS331)

SL NO	EXPERIMENT	COURSE OUTCOME	DEADLINE	
			BATCH1	BATCH2
1	Simulate the following non-preemptive CPU scheduling algorithms to find turnaround time and waiting time. a) FCFS b) SJF c) Round Robin (pre-emptive) d) Priority	Co1	06/08	09/08
2	Simulate the following disk scheduling algorithms. a) FCFS b)SCAN c) C-SCAN	Co1	16/08	13/08
3	Simulate the following page replacement algorithms a) FIFO b)LRU c) LFU	Co3	20/08	27/08
4	Implement the banker's algorithm for deadlock avoidance	Co4	30/08	03/09
5	Implement the producer-consumer problem using semaphores.	Co4	06/09	24/09
6	Write a program to simulate the working of the dining philosopher's problem.	Co4	27/09	01/10
7	Simulate the following file organization techniques a) Single level directory b) Two level directory c) Hierarchical	Co2	04/10	11/10
8	Implement pass one of a two pass assembler.	Co5	15/10	18/10
9	Implement pass two of a two pass assembler	Co5	22/10	25/10
10	Implement a single pass assembler	Co5	29/10	01/11
11	Implement a symbol table with suitable hashing	Co7	05/11	08/11
12	Implement a two pass macro processor	Co5	12/11	15/11