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Paper Code: **CIC - 353**

Paper: **Operating Systems Lab**

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Semester/Group : **5C6**

Branch : **CSE-I**

LIST OF EXPERIMENTS (As prescribed by G.G.S.I.P.U)

S.No.	Experiment Name	Date of Perf.	M R1	A R2	R R3	K R4	S R5	Total Marks	Signature
1.	Implement the FCFS CPU Scheduling	02-09-24							
2.	Implement the SJF CPU Scheduling (Preemptive & Non-Preemptive)	09-09-24							
3.	Implement the Priority Scheduling	23-09-24							
4.	Implement the Round Robin CPU Scheduling	14-10-24							
5.	Implement the Page Replacement policy using LRU, FIFO & Optimal	14-10-24							
6.	Implement the First Fit, Best Fit & Worst Fit algorithms for memory management	14-10-24							
7.	Implement the Reader - Writer problem using Semaphore	21-10-24							
8.	Implement the Producer - Consumer problem using Semaphore	21-10-24							
9.	Implement The Banker's Algorithms for Deadlock avoidance	21-10-24							
10.	WAP in C To implement various File Organization Techniques	21-10-24							

LIST OF EXPERIMENTS (Beyond the syllabus prescribed by G.G.S.I.P.U)

S.No.	Experiment Name	Date of Perf.	M R1	A R2	R R3	K R4	S R5	Total Marks	Signature
1.	Introduction to Linux and Vi editor.	12-08-24							
2.	Write a program to find the greatest of 3 numbers	02-09-24							
3.	Write a script to check whether the given no. is even/odd	02-09-24							
4.	Write a script to calculate the average of n numbers	02-09-24							
5.	Write a script to check whether the given number is prime or not	02-09-24							
6.	Write a program to check whether the given input is a number or a string	02-09-24							
7.	Write a program to compute no. of characters and words in each line of given file	02-09-24							
8.	Write a program to print the Fibonacci series upto n terms	02-09-24							
9.	Write a program to calculate the factorial of a given number	02-09-24							
10.	Write a program to calculate the sum of digits of the given number	02-09-24							
11.	Write a program to check whether the given string is a palindrome	02-09-24							