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

OPERATING SYSTEMS LAB

	L	T/P	C
Paper Code: CIC - 353			
Paper: Operating Systems Lab	**0**	**2**	**1**

List of Experiments:

1. Write a program to implement CPU scheduling for first come first serve.
2. Write a program to implement CPU scheduling for shortest job first.
3. Write a program to perform priority scheduling.
4. Write a program to implement CPU scheduling for Round Robin.
5. Write a program for page replacement policy using a) LRU b) FIFO c) Optimal.
6. Write a program to implement first fit, best fit and worst fit algorithm for memory management.
7. Write a program to implement reader/writer problem using semaphore.
8. Write a program to implement producer-consumer problem using semaphore.
9. Write a program to implement Banker's algorithm for deadlock avoidance.
10. write C program to implement the various File Organization Techniques.

LIST OF EXPERIMENTS

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

OPERATING SYSTEMS LAB

Paper Code: CIC-353 **L T/P C**
Paper: Operating Systems Lab **0 2 1**
List of Experiments:

1. Introduction to Linux and Vi editor.
2. Write a program to find the greatest of three numbers (numbers passed as command line parameters)
3. Write a script to check whether the given no. is even/odd
4. Write a script to calculate the average of n numbers
5. Write a script to check whether the given number is prime or not
6. Write a program to check whether the given input is a number or a string
7. Write a program to compute no. of characters and words in each line of given file
8. Write a program to print the Fibonacci series upto n terms
9. Write a program to calculate the factorial of a given number
10. Write a program to calculate the sum of digits of the given number
11. Write a program to check whether the given string is a palindrome