

**Department of Computer Science & Engineering**  
**Re-conduction of Labs of Previous Semester**

S. No.	Batch	Name of Lab with Code	Name of Experiment	Name of Faculty	Name of LI	Date	Time	Venue
1	CS-51	Operating System Lab (KCS-451)	1. Write a C program to simulate Bankers algorithm for the purpose of deadlock avoidance. 2. Implement the solution for Bounded Buffer (producer-consumer) problem using inter process communication techniques-Semaphores. 3. Implement CPU Scheduling Policies: i. SJF ii. FCFS 4. Implement CPU Scheduling Policies: i. Round robin ii. Priority	Er. Akansha Singh	Ms. Nishi Verma	31.01.22	09:00-11:00	G-305
2	CS-52					01.02.22		
3	CS-53					02.02.22		
4	CS-54					27.01.22		
5	CS-55					28.01.22		
6	CS-51	Python Language Programming Lab (KCS-453)	1. To write a python program that takes in command line arguments as input and print the number of arguments 2. To write a python program to perform Matrix multiplication 3. To write a python program to compute the GCD of two numbers 4. To write a python program find the square root of a number (Newton's method)	Er. Priyanka		31.01.22	11:00-12:55	
7	CS-52					01.02.22		
8	CS-53					02.02.22		
9	CS-54					27.01.22		
10	CS-55					28.01.22		
11	CS-71	Software Engineering Lab (KCS-651)	1. Draw the component diagram. 2. Draw the use case diagram and specify the role of each of the actors. Also state the precondition, post condition and function of each use case. 3. Draw the activity diagram. 4. Identify the classes. Classify them as weak and strong classes and draw the class diagram.	Er. Sandeep Kr. Dubey	Mr. Naveen Singh	28.01.22	09:00-11:00	G-308
12	CS-72					31.01.22		
13	CS-73					01.02.22		
14	CS-74					27.01.22		
15	CS-71	Web Technology Lab (KCS-652)	navigator, your Institute website, Department Website and Tutorial website for specific subject. 2. Write a program in XML for creation of DTD, which specifies set of rules. Create a style sheet in CSS/ XSL & display the document in internet explorer. 3. Write a programs using Java script for Web Page to display browsers information 4. Write a Java applet to display the Application Program screen i.e. calculator and other.	Er. Preeti Naval	Mr. Naveen Singh	28.01.22	11:00-12:55	G-308
16	CS-72					31.01.22		
17	CS-73					01.02.22		
18	CS-74					27.01.22		
19	CS-71	Computer Networks Lab (KCS-653)	1. To learn handling and configuration of networking hardware like RJ-45 connector, CAT-6 cable, crimping tool, etc. 2. Configuration of router, hub, switch etc. 3. Running and using services/commands like ping, traceroute, nslookup, arp, telnet, ftp, etc. 4. Write a program to implement Bit stuffing.	Er. Saurabh Kr. Jain		28.01.22	1:35-03.15	
20	CS-72					31.01.22		
21	CS-73					01.02.22		
22	CS-74					27.01.22		

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