

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**LEAD EXPERIMENT LIST**  
**[A.Y: 2024-2025]**

S.NO	YEAR & SEM	NAME OF THE LAB	LEAD PROGRAMS
1	II-I	Database Management Systems Lab	1. Creation a view to delete, insert, update the tuples.
			2. Create a Trigger that has to execute on inserting a table and create a Backup data.
		Operating Systems Lab	1. Write a C program to simulate the concept of Dining-Philosophers problem.
			2. Write a C program to implement SRTF CPU Scheduling algorithm.
		Java Programming Lab	1. JAVA Program to demonstrate the concept of method overriding.
			2. JAVA Program to demonstrate the concept of all types of constructors.
			3. JAVA Program to generate Fibonacci series.
2	II-II	Python Programming Lab	1. Book Manager Using SQL.
			2. Todo List using SQLite 3.
		Software Engineering Lab	1. Draw Activity Diagram For Hospital Management System.
			2. Draw Sequence Diagram For ATM.
		Analog and Digital Electronics Lab	1. Zener Diode Characteristics and Zener as Voltage Regulator.
			2. Design and Realization of 8*1 Multiplexer using 4*1 Multiplexer.

3	III-I	Artificial Intelligence Lab	1. Implementing A* search algorithm for path finding using python code.
			3. Development of Chatbot.
		Computer Networks Lab	1. Write a program to implement Playfair cipher encryption algorithm.
			2. Write a program to implement the Remote Method Invocation in Networks.
4	III-II	Machine Learning Lab	1. Image Classification using Machine Learning Techniques.
			2. Dimensionality Reduction Comparison.
		Web Technologies Lab	1. Write a program to check whether the given number is Armstrong or not using PHP SCRIPT?
			2. Write a program to print Fibonacci series using PHP SCRIPT.
5	IV-I	Data Mining Lab	1. Data preprocessing.
		Internet of Things Lab	1. To interface the ultrasonic sensor with the raspberry pi3 to determine the distance of an object from the sensor.
			2. Blinking of led using Arduino Uno.