SASTRA Deemed University
School of Computing
Tentative Schedule for the conduct of Labs
CSE319 – Algorithm Design Strategies & Analysis Laboratory
II Year - Semester 4 - B.Tech. (CSBS) - Section N

S. No.	Test/Practice	Batch 1 - Date	Batch2 - Date	Topic
1	Introduction	10-01-2024	12-01-2024	Overview of Lab, Random Number Generations, Files Concept
2	Ex. No. 00 (Additional)	17-01-2024	19-01-2024	Analyzing Algorithms - Insertion & Merge Sort
3	Ex. No. 01	24-01-2024	20-01-2024	Application of Heuristic Method
4	Ex. No. 02	31-01-2024	27-01-2024	Applications of Greedy Method
5	Ex. No. 03	07-02-2024	02-02-2024	Applications of Dynamic Programming
6	Ex. No. 04	14-02-2024	03-02-2024	Applications of Branch & Bound
7	**CIA Test 1**	21-02-2024	23-02-2024	**CIA Test 1**
8	Ex. No. 05	28-02-2024	01-03-2024	Applications of Backtracking
9	Ex. No. 06	06-03-2024	15-03-2024	Programs on Graphs – Minimum Spanning Tree
10	Ex. No. 07	13-03-2024	22-03-2024	Programs on Graphs – Application of DFS
11	Ex. No. 08	27-03-2024	23-03-2024	Programs on Graphs – Single Source Shortest Path Algorithms
12	Ex. No. 09	03-04-2024	29-03-2024	Programs on Graphs – All-Pairs Shortest Path Algorithms
13	Ex. No. 10	10-04-2024	12-04-2024	Programs on Graphs – Network Flow Problem
14	**CIA Test 2**	17-04-2024	19-04-2024	**CIA Test 2**
15	Additional Experiment	24-04-2024	20-04-2024	Approximation Algorithms - Bin Packing Problem

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