DATA STRUCTURES LAB- **Schedule(2023-25 Batch)**

	Complete On: Date	**Topic Name**
Experiment 1		Array Insertion & Deletion
Experiment 2		Merge two sorted arrays and store in a third array
Experiment 3		Stack operations
Experiment 4		Linear Queue operations
Experiment 5		Single linked list operations
Experiment 6	05/10/2023	Singly Linked Stack - Push, Pop, Linear Search
Experiment 7	10/10/2023	Doubly linked list - Insertion, Deletion, Search
Experiment 8	12/10/2023	Circular Queue - Add, Delete, Search
Experiment 9	17/10/2023	Binary Search & Linear Search
Experiment 10	19/10/2023	Binary Search Trees- Insertion, Deletion, Search
Experiment 11	24/10/2023	Binary Search Trees- Insertion, Deletion, Search
Experiment 12	31/10/2023	Set operations (Union, Intersection and Difference) using Bit String.
Experiment 12	02/11/2023	Set operations (Union, Intersection and Difference) using Bit String.
Experiment 13	07/11/2023	Disjoint Sets and the associated operations (create, union, find)
Experiment 13	09/11/2023	Disjoint Sets and the associated operations (create, union, find)
Experiment 14	14/11/2023	Prim’s Algorithm for finding the minimum cost spanning tree
Experiment 14	16/11/2023	Prim’s Algorithm for finding the minimum cost spanning tree
Experiment 15	21/11/2023	Kruskal’s algorithm using the Disjoint set data structure
Experiment 15	23/11/2023	Kruskal’s algorithm using the Disjoint set data structure
Experiment 16	28/11/2023	BFS Algorithm
Experiment 17	30/11/2023	DFS Algorithm
Experiment 18	05/12/2023	Topological Sort