**Academic Teaching Plan**

**Paper-Data Structures**

**B.Sc. Phy. Sci. Sem-2**

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| Week 1 | Growth of Functions, Recurrence Relations. Arrays, Linked Lists, Stacks, Queues, Deques |
| Week 2 | Sorting |
| Week 3 | Recursion, Assignment |
| Week 4 | Trees, Binary trees |
| Week 5 | Binary Search Trees, Balanced Search Trees |
| Week 6 | Binary Heap, Priority Queue |
| Week 7 | Test |