

GLA University, Mathura
Data Structure: LDP

Week	Topic	Subtopics
1	Arrays, Strings	Arrays ,Sliding window, String matching Algorithms etc
2	LinkedList, Stack, Searching & Sorting	Bubble, Selection, Insertion, Binary, Merg, Quick, etc.
3	Queue, Recursion & Backtracking	1D Arrays, Grids, Strings etc
4	Trees	Binary, Binary Search, AVL, RB etc
5	Hashing, Bitmasking	Hashmap, HashSet, HashTable etc
6	Heaps, Graph, Greedy Algorithms	Prim's , Kruskal's, Kahn's, Fleury's, Dijkstra's, Bellman–Ford, Floyd Warshall, Karp's etc
7	Dynamic Programming, Time & Space Complexity	Iterative, Recursive
*From Every topic we get Time and Complexity MCQ's that's it goes in last week.		