Introduction to Algorithms

| Week | Date | Day | Module |
|--------|--------------|---------------------|---|
| | August 31 | Saturday, 10:00 pm | Graph Representations |
| | September 01 | Sunday, 10:00 pm | Breadth First Search (BFS) |
| | September 02 | Monday, 10:00 pm | Practice Day |
| Week 1 | September 03 | Tuesday, 10:00 pm | Depth First Search (DFS) and 2D Grid |
| | September 04 | Wednesday, 10:00 pm | Practice Day |
| | September 05 | Thursday, 10:00 pm | Assignment 01 |
| | September 06 | Friday, 10:00 pm | No module day |
| | September 07 | Saturday, 10:00 pm | Cycle Detection |
| | September 08 | Sunday, 10:00 pm | Dijkstra Algorithm |
| | September 09 | Monday, 10:00 pm | Practice Day |
| Week 2 | September 10 | Tuesday, 10:00 pm | Bellman Ford and Floyd Warshall Algorithm |
| | September 11 | Wednesday, 10:00 pm | Practice Day |
| | September 12 | Thursday, 10:00 pm | Mid Term Exam |
| | September 13 | Friday, 10:00 pm | No module day |
| Week 3 | September 14 | Saturday, 10:00 pm | Problem Solving using BFS and DFS |
| | September 15 | Sunday, 10:00 pm | Problem Solving using Graph Algorithms |
| | September 16 | Monday, 10:00 pm | Practice Day |
| | September 17 | Tuesday, 10:00 pm | DSU and Cycle Detections |
| | September 18 | Wednesday, 10:00 pm | Practice Day |
| | September 19 | Thursday, 10:00 pm | Mid Term |
| | September 20 | Friday, 10:00 pm | No module day |

| Week | Date | Day | Module |
|--------|--------------|---------------------|---|
| Week 4 | September 21 | Saturday, 10:00 pm | Graph basic and Representations recap |
| | September 22 | Sunday, 10:00 pm | Problem solving with graph - 1 |
| | September 23 | Monday, 10:00 pm | Practice Day 01 |
| | September 24 | Tuesday, 10:00 pm | Problem solving with graph - 2 |
| | September 25 | Wednesday, 10:00 pm | Practice Day 02 |
| | September 26 | Thursday, 10:00 pm | Assignment 03 |
| | September 27 | Friday, 10:00 pm | No module day |
| Week 5 | September 28 | Saturday, 10:00 pm | Fibonacci Series, Factorial and Basics of DP. |
| | September 29 | Sunday, 10:00 pm | 0-1 Knapsack and Variations. |
| | September 30 | Monday, 10:00 pm | Practice Day 01 |
| | October 01 | Tuesday, 10:00 pm | Unbounded Knapsack and Variations. |
| | October 02 | Wednesday, 10:00 pm | Practice Day 02 |
| | October 03 | Thursday, 10:00 pm | Final Exam |
| | October 04 | Friday, 10:00 pm | No Module Day |

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(Available : 10AM - 5PM)

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