📅 7-Day Apna College Video Schedule Matching Learning EBooks 1–6

## Day 1 – Module 1: ADTs, Abstraction, and Data Models

* [Introduction to Programming Paradigms](https://youtu.be/EjavYOFoJJ0)
* [Data Types & Variables](https://youtu.be/xzj7I3bueIo)
* [Stack vs Heap Memory](https://youtu.be/B1k_sxOSgv8)

## Day 2 – Module 2: Arrays, Linked Lists, Stack & Queue

* [Array Explained](https://youtu.be/AT14lCXuMKI)
* [Linked List Explained](https://youtu.be/NobHlGUjV3g)
* [Stack Explained](https://youtu.be/lxTGsVXjwvM)
* [Queue Explained](https://youtu.be/okr-XE8yTO8)

## Day 3 – Module 3: Time/Space Complexity, Recursion, D&C

* [Time Complexity](https://youtu.be/fZQD8lR3r4Q)
* [Big-O Notation](https://youtu.be/v4cd1O4zkGw)
* [Recursion Basics](https://youtu.be/yVdKa8dnKiE)
* [Merge Sort (D&C)](https://youtu.be/JSceec-wEyw)

## Day 4 – Module 4: Searching and Sorting Algorithms

* [Linear Search](https://youtu.be/_HRA37X8N_Q)
* [Binary Search](https://youtu.be/f6UU7V3szVw)
* [Bubble Sort](https://youtu.be/lyZQPjUT5B4)
* [Quick Sort](https://youtu.be/WIrA4YexLRQ)

## Day 5 – Module 5: Trees, Hashing, Heaps, Priority Queue

* [Binary Tree](https://youtu.be/_LrK3cS1U6M)
* [BST](https://youtu.be/pYT9F8_LFTM)
* [AVL Tree (basic intro)](https://youtu.be/rbg7Qf8GkQ4)
* [Heap & Priority Queue](https://youtu.be/HqPJF2L5h9U)
* [HashMap](https://youtu.be/XcW9Ct000yY)

## Day 6 – Module 6: Tries, Huffman, Graphs, BFS/DFS

* [Tries](https://youtu.be/giEPX2Zuvj8)
* [Huffman Coding](https://youtu.be/gd0AmsT8jYw)
* [Graphs Intro](https://youtu.be/M3_pLsDdeuU)
* [BFS](https://youtu.be/-tgVpUgsQ5k)
* [DFS](https://youtu.be/7fujbpJ0LB4)
* [Dijkstra's Algorithm](https://youtu.be/GazC3A4OQTE)

## Day 7 – Full Revision + Practice Test & Code Review

* Review Sorting + Searching – Pick 2 key videos
* Practice PT-1 to PT-6 answers
* Write 2 recursive problems by hand
* Create flashcards for graph traversal and Big-O rules