

# Careers Adda

| CUET PG MCA 2026 : PARTH 3.0 CRASH COURSE Batch Planner<br>FACULTY : Mayank Garg |   |                              |                     |
|--|---|------------------------------|---------------------|
| Unit   | Chapters  | Date                         | Timings             |
|  | Orientation   | Saturday, January 31, 2026   | 10:03 AM - 10:15 AM |
| Digital Fundamentals   | Digital Computers, Logic Gates  | Saturday, January 31, 2026   | 10:16 AM - 11:59 AM |
|  | Boolean Algebra, Map Simplifications  | Monday, February 2, 2026     | 10:03 AM - 11:59 AM |
|  | Combinational Circuits, Flip-Flops  | Tuesday, February 3, 2026    | 10:03 AM - 11:59 AM |
|  | Sequential Circuits, Integrated Circuits  | Wednesday, February 4, 2026  | 10:03 AM - 11:59 AM |
|  | Decoders, Multiplexers  | Thursday, February 5, 2026   | 10:03 AM - 11:59 AM |
|  | Registers and Counters,   | Friday, February 6, 2026     | 10:03 AM - 11:59 AM |
|  | Memory Unit.  | Saturday, February 7, 2026   | 10:03 AM - 11:59 AM |
|  | Doubt Class   | Monday, February 9, 2026     | 10:03 AM - 11:59 AM |
|  | Practice Class  | Tuesday, February 10, 2026   | 10:03 AM - 11:59 AM |
| Operating System   | Operating System: Main functions of operating systems, Processes                    | Wednesday, February 11, 2026 | 10:03 AM - 11:59 AM |
|  | Threads, Interprocess communication   | Thursday, February 12, 2026  | 10:03 AM - 11:59 AM |
|  | concurrency, Synchronization  | Friday, February 13, 2026    | 10:03 AM - 11:59 AM |
|  | Deadlock, CPU scheduling  | Saturday, February 14, 2026  | 10:03 AM - 11:59 AM |
|  | I/O scheduling, Resource scheduling   | Monday, February 16, 2026    | 10:03 AM - 11:59 AM |
|  | Deadlock and scheduling algorithms, banker's algorithm for deadlock handling        | Tuesday, February 17, 2026   | 10:03 AM - 11:59 AM |
|  | Memory management and virtual memory  | Wednesday, February 18, 2026 | 10:03 AM - 11:59 AM |
|  | File Systems, I/O systems   | Thursday, February 19, 2026  | 10:03 AM - 11:59 AM |
|  | DOS, UNIX   | Friday, February 20, 2026    | 10:03 AM - 11:59 AM |
|  | Windows.  | Saturday, February 21, 2026  | 10:03 AM - 11:59 AM |
|  | Doubt Class   | Monday, February 23, 2026    | 10:03 AM - 11:59 AM |
|  | Practice Class  | Tuesday, February 24, 2026   | 10:03 AM - 11:59 AM |
| Data Structure   | Arrays and their Applications; Sparse Matrix  | Recording Available          | Recording Available |
|  | Stacks, Queues  | Recording Available          | Recording Available |
|  | Priority Queues, Linked Lists   | Recording Available          | Recording Available |
|  | Trees, Forest   | Recording Available          | Recording Available |
|  | Binary Tree, Threaded Binary Tree   | Recording Available          | Recording Available |
|  | Binary Search Tree, AVL Tree  | Recording Available          | Recording Available |
|  | B Tree, B+ Tree   | Recording Available          | Recording Available |
|  | B* Tree, Data Structure for Sets  | Recording Available          | Recording Available |
|  | Graphs, Sorting Algorithms  | Recording Available          | Recording Available |
|  | Searching Algorithms; Hashing   | Recording Available          | Recording Available |
|  | Functions, Recursion, Parameter passing   | Recording Available          | Recording Available |
|  | Doubt Class   | Recording Available          | Recording Available |
|  | Practice Class  | Recording Available          | Recording Available |
| Digital Fundamentals   | Data Types, Number Systems and Conversion   | Recording Available          | Recording Available |
|  | Complements, Fixed Point Representation   | Recording Available          | Recording Available |
|  | Floating Point Representation, Error Detection Codes                                | Recording Available          | Recording Available |
|  | Computer Arithmetic - Addition, Subtraction, Multiplication and Division Algorithms | Recording Available          | Recording Available |