CUET PG MCA Computer Science :QUANTUM ULTIMATE 2.0 Batch Planner FACULTY : Mayank Garg			
Unit	**Chapters**	**Date**	**Timings**
Orientation Day		Monday, September 8, 2025	3:00 - 4:00 PM
Data Structure	Data Structure	Tuesday, September 9, 2025	2:00 - 3:00 PM
	Arrays and their Applications	Wednesday, September 10, 2025	2:00 - 3:00 PM
	Sparse Matrix	Thursday, September 11, 2025	2:00 - 3:00 PM
	Stacks	Friday, September 12, 2025	2:00 - 3:00 PM
	Queues - Priority Queues	Saturday, September 13, 2025	2:00 - 3:00 PM
	Linked Lists,	Monday, September 15, 2025	2:00 - 3:00 PM
	Trees - Forest	Tuesday, September 16, 2025	2:00 - 3:00 PM
	Practice Session	Wednesday, September 17, 2025	2:00 - 3:00 PM
	Binary Tree	Thursday, September 18, 2025	2:00 - 3:00 PM
	Threaded Binary Tree	Friday, September 19, 2025	2:00 - 3:00 PM
	Binary Search Tree	Saturday, September 20, 2025	2:00 - 3:00 PM
	AVL Tree	Monday, September 22, 2025	2:00 - 3:00 PM
	B Tree	Tuesday, September 23, 2025	2:00 - 3:00 PM
	Practice Session	Wednesday, September 24, 2025	2:00 - 3:00 PM
	B+ Tree	Thursday, September 25, 2025	2:00 - 3:00 PM
	B* Tree	Friday, September 26, 2025	2:00 - 3:00 PM
	Data Structure for Sets	Saturday, September 27, 2025	2:00 - 3:00 PM
	Sorting Algorithms	Monday, September 29, 2025	2:00 - 3:00 PM
	Searching Algorithms	Tuesday, September 30, 2025	2:00 - 3:00 PM
	Practice Session	Wednesday, October 1, 2025	2:00 - 3:00 PM
	Graphs	Friday, October 3, 2025	2:00 - 3:00 PM
	Hashing	Saturday, October 4, 2025	2:00 - 3:00 PM
	Functions	Monday, October 6, 2025	2:00 - 3:00 PM
	Recursion	Tuesday, October 7, 2025	2:00 - 3:00 PM
	Parameter Passing	Wednesday, October 8, 2025	2:00 - 3:00 PM
	Revision Class	Thursday, October 9, 2025	2:00 - 3:00 PM
	Doubt Class	Friday, October 10, 2025	2:00 - 3:00 PM
Digital Fundamentals	Digital Fundamentals: Data Types	Saturday, October 11, 2025	2:00 - 3:00 PM
	Number Systems and Conversion	Monday, October 13, 2025	2:00 - 3:00 PM
	Number Systems and Conversion, Complements	Tuesday, October 14, 2025	2:00 - 3:00 PM
	Fixed Point Representation	Wednesday, October 15, 2025	2:00 - 3:00 PM
	Floating Point Representation,	Thursday, October 16, 2025	2:00 - 3:00 PM
	Error Detection Codes	Friday, October 17, 2025	2:00 - 3:00 PM
	Computer Arithmetic - Addition, Subtraction, Multiplication and Division Algorithms	Saturday, October 18, 2025	2:00 - 3:00 PM
	Practice Session	Thursday, October 23, 2025	2:00 - 3:00 PM
	Digital Computers	Friday, October 24, 2025	2:00 - 3:00 PM
	Logic Gates	Saturday, October 25, 2025	2:00 - 3:00 PM
	Boolean Algebra,	Monday, October 27, 2025	2:00 - 3:00 PM
	Map Simplifications	Tuesday, October 28, 2025	2:00 - 3:00 PM
	Combinational Circuits	Wednesday, October 29, 2025	2:00 - 3:00 PM
	Practice Session	Thursday, October 30, 2025	2:00 - 3:00 PM
	Flip-Flops	Friday, October 31, 2025	2:00 - 3:00 PM
	Sequential Circuits	Saturday, November 1, 2025	2:00 - 3:00 PM
	Integrated Circuits	Monday, November 3, 2025	2:00 - 3:00 PM
	Decoders	Tuesday, November 4, 2025	2:00 - 3:00 PM
	Multiplexers,	Thursday, November 6, 2025	2:00 - 3:00 PM
	Practice Session	Friday, November 7, 2025	2:00 - 3:00 PM
	Registers	Saturday, November 8, 2025	2:00 - 3:00 PM
	Counters,	Monday, November 10, 2025	2:00 - 3:00 PM
	Memory Unit.	Tuesday, November 11, 2025	2:00 - 3:00 PM
	Revision Class	Wednesday, November 12, 2025	2:00 - 3:00 PM
	Doubt Class	Thursday, November 13, 2025	2:00 - 3:00 PM
	Main functions of operating systems	Friday, November 14, 2025	2:00 - 3:00 PM
	Processes	Saturday, November 15, 2025	2:00 - 3:00 PM
	Threads	Monday, November 17, 2025	2:00 - 3:00 PM
	Interprocess communication	Tuesday, November 18, 2025	2:00 - 3:00 PM
	concurrency	Wednesday, November 19, 2025	2:00 - 3:00 PM
	Synchronization	Thursday, November 20, 2025	2:00 - 3:00 PM
	Practice Session	Friday, November 21, 2025	2:00 - 3:00 PM
	Deadlock	Saturday, November 22, 2025	2:00 - 3:00 PM

Operating System:	CPU scheduling	Monday, November 24, 2025	2:00 - 3:00 PM
	I/O scheduling	Tuesday, November 25, 2025	2:00 - 3:00 PM
	Resource scheduling	Wednesday, November 26, 2025	2:00 - 3:00 PM
	Deadlock	Thursday, November 27, 2025	2:00 - 3:00 PM
	Practice Session	Friday, November 28, 2025	2:00 - 3:00 PM
	scheduling algorithms	Saturday, November 29, 2025	2:00 - 3:00 PM
	banker’s algorithm for deadlock handling	Monday, December 1, 2025	2:00 - 3:00 PM
	Memory management and virtual memory	Tuesday, December 2, 2025	2:00 - 3:00 PM
	Memory management and virtual memory	Wednesday, December 3, 2025	2:00 - 3:00 PM
	File Systems	Thursday, December 4, 2025	2:00 - 3:00 PM
	Practice Session	Friday, December 5, 2025	2:00 - 3:00 PM
	I/O systems	Saturday, December 6, 2025	2:00 - 3:00 PM
	DOS	Monday, December 8, 2025	2:00 - 3:00 PM
	DOS	Tuesday, December 9, 2025	2:00 - 3:00 PM
	UNIX	Wednesday, December 10, 2025	2:00 - 3:00 PM
	Windows	Thursday, December 11, 2025	2:00 - 3:00 PM
	Practice Session	Friday, December 12, 2025	2:00 - 3:00 PM
	Doubt Class	Saturday, December 13, 2025	2:00 - 3:00 PM