

The online counselling classes scheduled for MCA_NEW from 18/06/2021 to 23/06/2021.

Academic Counsellor: Dr. A. K Akhtar

S. N	DATE	TIME	PROG.	COURSE & TOPICS	MEETING LINK (GOOGLE MEET)
1.	18/06/2021	05:00 PM-06:30 PM	MCA_NEW	MCS-211 (1/6) Basic Tools on Designing Algorithms: What is an algorithm? Algorithm specification and performance analysis, Recurrence Relation and Masters Theorem	https://meet.google.com/pmw-oboh-ktj
2.	19/06/2021	05:00 PM-06:30 PM	MCA_NEW	MCS-211 (2/6) Sorting and Searching Techniques: Elementary sorting techniques– Bubble Sort, Insertion Sort, Merge Sort, Advanced Sorting techniques - Heap Sort, Quick Sort, Sorting in Linear Time	https://meet.google.com/pmw-oboh-ktj
3.	20/06/2021	05:00 PM-06:30 PM	MCA_NEW	MCS-211 (3/6) Divide-and-Conquer: The general method, application to binary search, finding the maximum and minimum, merge sort, quick sort, the problem of selection and Strassen's matrix multiplication.	https://meet.google.com/pmw-oboh-ktj
4.	21/06/2021	05:00 PM-06:30 PM	MCA_NEW	MCS-211 (4/6) The Greedy Method: The general method, application to optimal storage on tapes, job sequencing with deadlines, optimal merge patterns and minimum weight spanning trees.	https://meet.google.com/pmw-oboh-ktj
5.	22/06/2021	05:00 PM-06:30 PM	MCA_NEW	MCS-211 (5/6) Dynamic Programming: The general method, application to multistage graphs, all pairs shortest paths, optimal binary search trees, 0/1-Knapsack and traveling salesman problem, Flow shop scheduling.	https://meet.google.com/pmw-oboh-ktj
6.	23/06/2021	05:00 PM-06:30 PM	MCA_NEW	MCS-211 (6/6) NP- Hard and NP-Complete Problems: Introduction and basic concepts, non-deterministic Turing machine, the classes of P and NP, NP-hard graph problems, NP-completeness of the satisfiability problem, and polynomial- space-bounded problem.	https://meet.google.com/pmw-oboh-ktj