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REC


Big-O Notation

Order of Execution :


Sr. No.	Magnitude	Consider As	Named As	Ex.
1	$O(1)$	Outstanding	Constant	Basic Arithmetic Operation
2	$O(\log N)$	Superb	Logarithmic	Finding an Item in a Sorted array with a Binary Search (Divide-and-Conquer Application)
3	$O(N)$	Excellent	Linear	Finding an Item in an Unsorted List
4	$O(N \log N)$	Good	Log Linear	Heapsort and Merge Sort
5	$O(N^2)$	Moderate	Quadratic	Simple Sorting Algorithm
6	$O(N^3)$	Bad	Cubic	Matrix Multiplication
7	$O(2^N)$	Worst	Exponential	Travelling Salesman problem using dynamic programming
8	$O(N!)$	Worst	Factorial	Travelling Salesman problem using brute force search


Analysis of Algorithms with Big-O Notation | Copy B

Dr. S. B. Kishor




You







Jageshvar



12:29

WEDNESDAY, 03 M





India

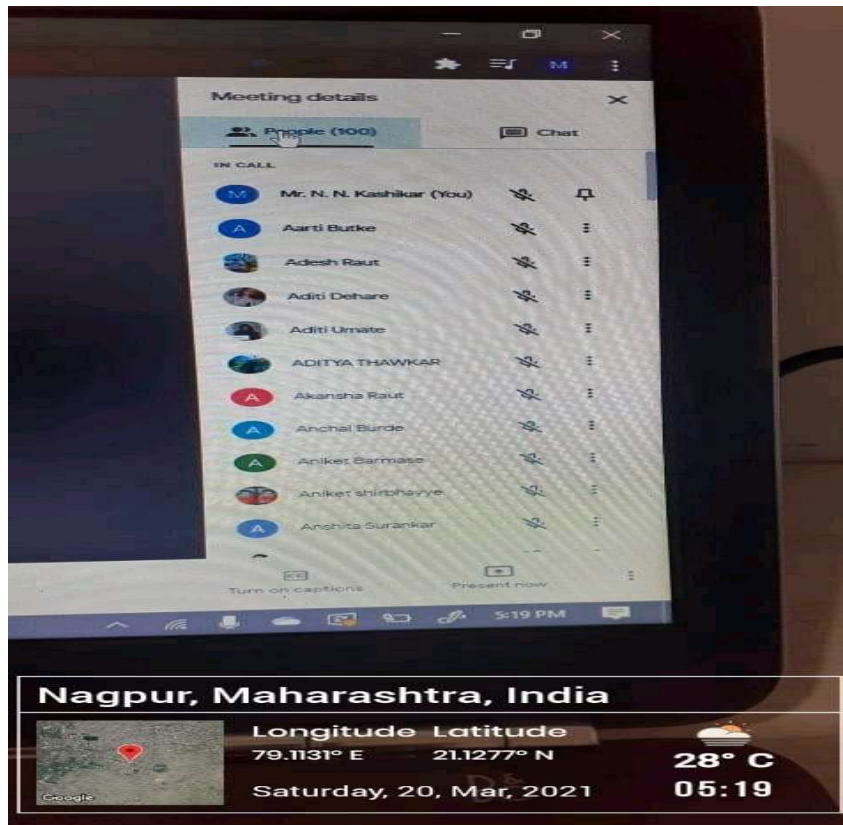
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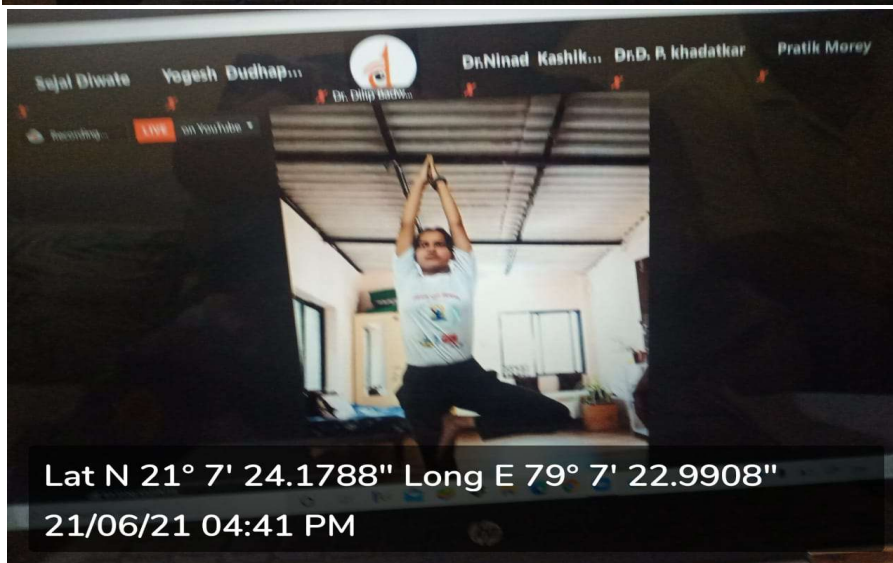
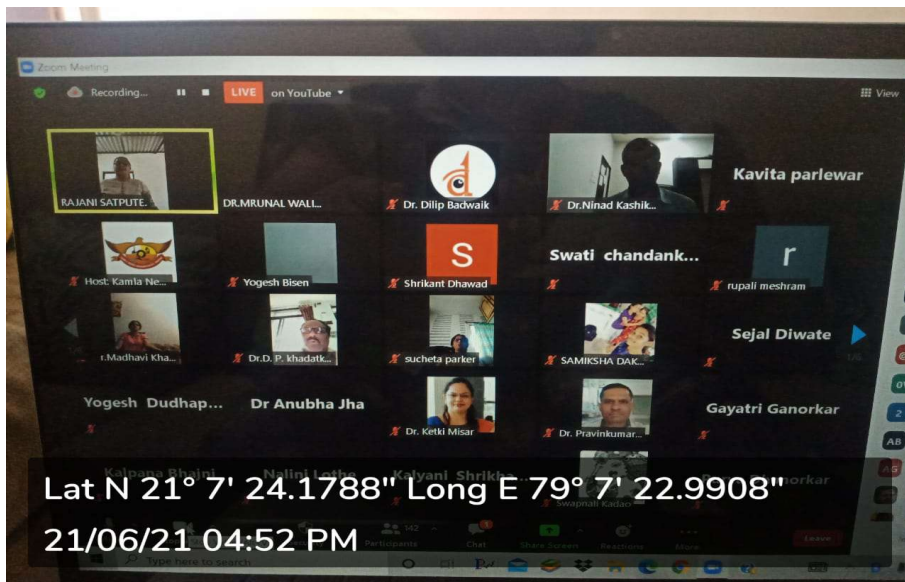
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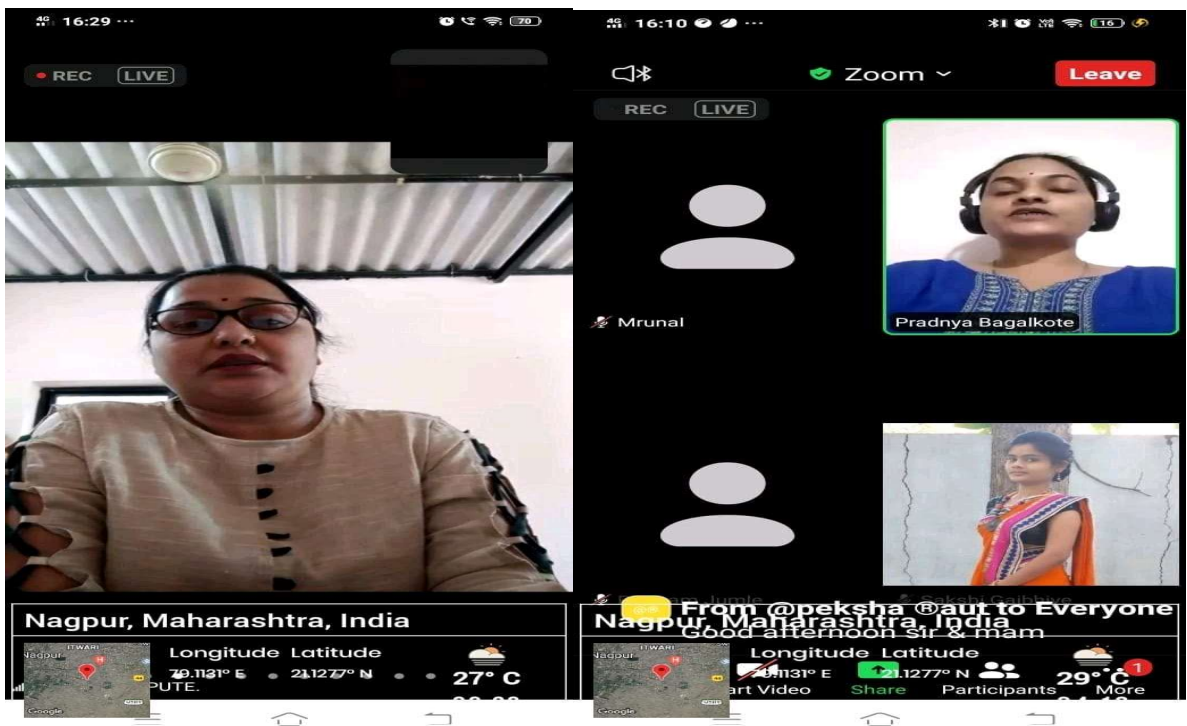
Dr. S.B. Kishor addressing the Students in ICT Computing Skill programme



Yoga Trainer Pankaj Nimje addressing the Students in Physical Fitness programme







Glimpses of Expert addressing the Students about Physical Fitness programme