






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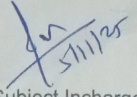
Department Of Information Technology
Year and Course IT B.Tech PRN No.: 12881P060

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Sr. No.	Title	Page No.	Date	Signature	Remarks
1.	Implement mergesort to efficiently organize large scale order on timestamp	-	8/7/25		ⓐ
2.	Implement quicksort to enhance personalize movie ranking improve responsive	-	22/7/25		ⓐ
3.	Emergency relief supply optimization implement the fractional knapsack algo. to maximize utility value within given weight constraint	-	5/8/25		ⓐ
4.	Smart traffic conditions implement dijkstras algorithm to determine the optimal ambulance route.	-	19/8/25		ⓐ
5.	Optimal delivery routing implement DP identify cost effective delivery path.	-	2/9/25		ⓐ

This is certify that Shri. Machindra Mane has carried out the
above mentioned DAA Lab Practicals / Term Work
in the IT Department of Pimpri Chinchwad College of Engineering, Pune-44.

Date: 5/11/25


Subject Incharge
Pimpri Chinchwad College of Engineering, Pune - 44

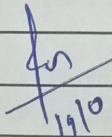
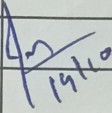
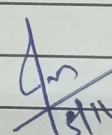
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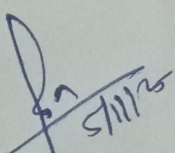
Year and Course TY B.Tech PRN No.: 123R1F060

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Sr. No.	Title	Page No.	Date	Signature	Remarks
6.	Disaster relief resource allocation use 0/1 knapsack approach to optimize essential supply allocation within capacity limits	-	23/8/25	 14/10	①
7.	university time table scheduling. implement graph coloring technique to generate conflict free & efficient time tables.	-	30/8/25	 14/10	②
8	delivery route optimization Apply the branch and bound algorithm to determine the least cost delivery route accross cities.	-	14/10/25	 5/11	③

This is certify that Shri. Machindra Mane has carried out the above mentioned DAA Lab Practicals / Term Work in the IT Department of Pimpri Chinchwad College of Engineering, Pune-44.

Date : 5/11/25


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