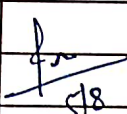
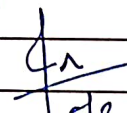
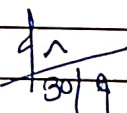


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Sr. No.	Title	Page No.	Date	Signature	Remarks
1	Implement Merge Sort to efficiently organize large scale orders based on timestamp	-	8/7/25		@@
2	Implement Quick Sort to enhance personalized movie ranking and improve responsiveness	-	22/7/25		@
3	Emergency Relief Supply Optimization Implement Fractional Knapsack algorithm to maximize utility value within given weight constraints	-	3/8/25		@

This is certify that Shri. Sankarshan Satish Mahamuni has carried out the
above mentioned DAA Lab Practicals / Term Work
in the I.T. Department of Pimpri Chinchwad College of Engineering, Pune-44.

Date : 4/11/25


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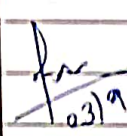
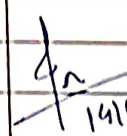
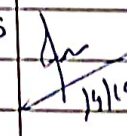
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4	SMART Traffic Management - Implement Dijkstra's algorithm to determine the optimal ambulance route under dynamic traffic conditions.	-	19/8/25		②
5	Optimal Delivery Routing - Implement BP to identify cost effective delivery path	-	2/9/25		②
6	Disaster Relief Resource Allocation use 0/1 Knapsack approach to optimize essential supply -	-	23/9/25		②

This is certify that Shri. Sankarshan S Mahamani has carried out the above mentioned DAA lab Practicals / Term Work in the I.T. Department of Pimpri Chinchwad College of Engineering, Pune-44.

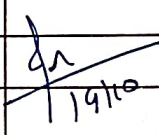
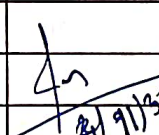
Date: 4/11/25


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	- allocation within Capacity limits				
7	University Exam timetable scheduling Implement Graph colouring techniques uses to generate conflict free and efficient TT.	-	30/9/25		②
8	Delivery Route Optimization - apply the branch and bound algorithm to determine the least cost delivery route across cities.	-	14/10/25		②

This is certify that Shri. Sankarshan S Mahamuni has carried out the
above mentioned ISAA lab Practicals / Term Work
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