

PIMPRI CHINCHWAD EDUCATION TRUST'S
PIMPRI CHINCHWAD COLLEGE OF ENGINEERING
 Sector No. 26, Pradhikaran, Nigdi, Pune - 411044

Department Of Information Technology.

Year and Course TY B.Tech PRN No.: 123B1F067

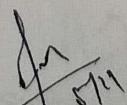
INDEX

Sr. No.	Title	Page No.	Date	Signature	Remarks
1.	Implement merge sort to efficiently organize large scale order on timestamp.	-	9/7/1 2025	Jn 2/11/0	Good
2.	Implement quicksort to enhance personal page move ranking improve response	-	9/3/1 2025	Jn 6/10	Good
3.	Emergency relief supply optimization Implement the fractional knapsack algo to maximize utility value within given weight constraint	-	6/18/1 2025	Jn 10/9	Good
4.	Smart traffic conditions Implement dijkstra algorithm to determine the optimal ambulance route.	-	9/1/8/1 2025	Jn 11/10	Good
5.	optimal delivery routing Implement DP identify cost effective delivery path.	-	9/10/9/1 2025	Jn 8/10	Good

This is certify that Shri. Sagar Naikdhave has carried out the above mentioned DAA Lab Practicals / Term Work

in the Information Technology Department of Pimpri Chinchwad College of Engineering, Pune-44.

Date : 5/11/23


 Subject Incharge
 Pimpri Chinchwad College of Engineering

H.O.D. Information Technology
 Pimpri-Chinchwad College of Engineering
 Sect. Head of Department
 Pimpri Chinchwad College of Engineering, Pune - 44

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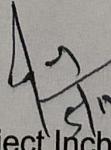
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6	Disaster relief resource allocation use 0/1 knapsack approach to optimize essential supply allocation within capacity limits.	-	2018 2025	J.S. 8/10	Good
7	University time table scheduling implement graph coloring technique to generate conflict free & efficient time table.	-	1/10/2025	J.S. 8/10	Good
8	Delivery route optimization apply the branch and bound algorithm to determine the least cost delivery route across cities.	-	8/10/ 2025	J.S. 5/11	Good

This is certify that Shri. Sagar Nagardhane has carried out the above mentioned OPA Lab Practicals / Term Work in the Information Technology Department of Pimpri Chinchwad College of Engineering, Pune-44.

Date : 5/10/25


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