

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

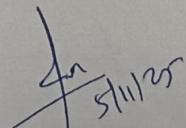
Department Of Information Technology

Year and Course T.Y.I.T.B.Tech PRN No.: 123B1F007

INDEX

Sr. No.	Title	Page No.	Date	Signature	Remarks
1.	Implement merge sort to efficiently organize large Scale orders based time	-	11/7/25	Jn 8/8	(C)
2.	Implement quick sort to enhance personalized movie ranking & improve responsive	-	25/7/25	Jn 8/8	(C)
3.	Emergency Relief Supply optimization - Implement fractional knapsack algo. to maximize utility value with in given weight constraints.	-	8/8/25	Jn 1/9	(C)
4.	Smart Traffic Management Implement Dijkstra's algorithm to determine the optimal to determine the optimal ambulance route under dynamic traffic conditions.	-	22/8/25	Jn 1/9	(C)
5.	optimal delivery Routing Implement DPT to identify cost	-	12/9/25	Jn 3/10	(C)

This is certify that Shri. Vaishnavi Dada Bhenge has carried out the above mentioned Design & Analysis of Algorithm Labo _{Practicals / Term Work for} in the Information Technology Department of Pimpri Chinchwad College of Engineering, Pune-44.


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

Date : 5/11/25

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Sr. No.	Title	Page No.	Date	Signature	Remarks
6.	Effective delivery path Disaster relief resource Allocation - Use 0/1 knapsack approach to optimize essential Supply allocation with limit	-	19/10/25	Jr S110	(C)
7.	University Exam Timetable scheduling - Graph coloring technique for conflict free timetables.	-	31/10/25	Jr S110	(C)
8.	Delivery Route optimization Implement the branch & bound algorithm to determine the least cost delivery route across cities	-	31/10/25	Jr S111	(C)

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Date : 5/11/25

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