

G. H. RAISONI COLLEGE OF ENGINEERING
Department of Computer Science & Engineering
Semester/Branch: V SEM CSE-A/B/C
Session 2020-21

Subject: *Design & Analysis of Algorithms*
LIST OF PRACTICAL

Sr. No.	Title of Practical	Hrs. Allotted	Relevance to CO
1)	To Implement and analyze time complexity of Searching Algorithm.	2	CO1
2)	To Implement and analyze time complexity of Sorting Algorithm.	2	CO1
3)	To Implement and analyze time complexity of algorithm using Divide and Conquer Technique.	2	CO2
4)	To Implement and analyze time complexity of Greedy Algorithm.	2	CO2
5)	To Implement and analyze time complexity of Algorithm of Dynamic Programming Technique.	2	CO3
6)	To implement and analyze time complexity of Minimum Cost spanning Tree Algorithm.	2	CO3
7)	To implement and analyze time complexity of Single source shortest path Algorithm.	2	CO4
8)	To implement and analyze time complexity of All pair shortest path Algorithm.	2	CO4
9)	To implement and analyze time complexity of Graph Traversing Algorithm.	2	CO5
10)	Open Source Practical	2	CO6

Subject Teachers:

Prof. D. P. Theng

Prof. P. D. Saraf

Prof. N. A. Chavhan

HOD, CSE