Department of Computer Engineering

Course Code and Name: -CSL401/AOAL   **Academic Year: -2021-2022**

Name of the Faculty: - Dr. Jyoti More   **Branch/SEM: -Computer/IV**

Prac No	Practical to be covered
1.	Divide & Conquer: Merge sort,
2.	Divide & Conquer: Quick Sort
3.	Divide & Conquer: Finding Minimum and Maximum,
4.	Greedy Approach: Dijkstra algorithm
5.	Greedy Approach: Fractional Knapsack problem
6.	Greedy Approach: Kruskal algorithm
7.	Greedy Approach: Prim's algorithm
8.	Dynamic Programming: Longest common subsequence
9.	Dynamic Programming: Bellman Ford
10.	Dynamic Programming: Floyd Warshalls
11.	Backtracking: Sum of subsets
12.	Backtracking: N-Queen
13.	The string-matching algorithms, - Rabin Karp algorithm
14.	The string-matching algorithms, - Knuth-Morris-Pratt Algorithm