**Data structures and Algorithm**

**Open Ended Lab**

**Group A:**

1. Implement the Dijkstra’s Shortest Path Algorithm to generate the shortest paths for a undirected graph.

**(CLO-2)**

**Group B:**

1. Implement the BFS and DFS search algorithm for a graph **(CLO-2)**

**Group C:**

1. Implement a class in C++ for a Weighted Graph using adjacency matrix representation.