

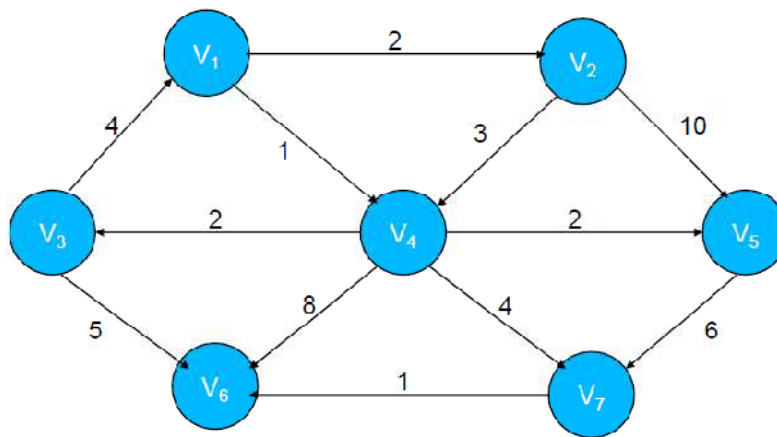
SSN College of Engineering, Kalavakkam
Department of Computer Science and Engineering
III Semester - CSE 'A ', 'B' & 'C'
UCS 1312 Data Structures Lab

Academic Year: 2019-2020

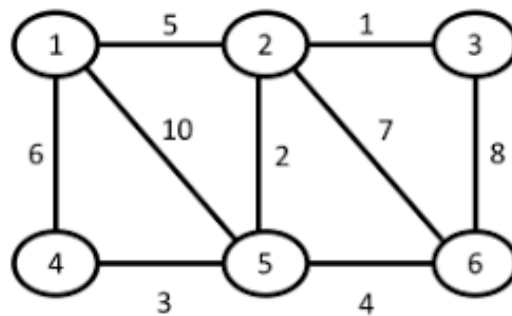
Batch: 2018-2022

Exercise 12: Implementation of Dijkstra algorithm to find shortest Path from the given source vertex to all the other vertices of the graph

GRAPH:1



GRAPH : 2



- (i) Represent the graphs using adjacency matrix or adjacency list.
- (ii) Implement Dijkstra algorithm to find shortest path from source vertex to all other vertices (Source: 'V1' - Graph 1 and '1' - Graph 2)