# Bansilal Ramnath Agarwal Charitable Trust's VISHWKARMA INSTITUTE OF INFORMATION TECHNOLOGY, PUNE DEPARTMENT OF COMPUTER ENGINEERING

### **PROJECT SYNOPSIS**

1] Group I	C
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- 2] Project Title-- Supply Chain Management
- 3] Project Option-- Business Management project
- 4] Internal Guide-- Mrs. Snehal Rathi
- 5] Sponsorship and External Guide-- none
- 6] Technical Keywords (As per ACM Keywords)
  - 1) Nodes
  - 2) Adjacency list
  - 3) Kruskal's algorithm
  - 4) Data analysis

#### **SYNOPSIS**

# 7] Problem Statement

Transport of products from industries to the dealers and from dealers to clients using a efective way with minimum cost.

## 8] Abstract

The specific purpose of the system is to automatically choose the shortest path for delivery of product from manufacturer to dealer and from dealer to client.

## 9] Goals and Objectives

- 1) The chain is made up of nodes or "links," which can include multiple manufacturers ,dealers and customers. The concept of the chain is important, because each link is connected in a specific direction and order, and the next link cannot be reached without going through the previous one.
- 2) In order to reduce the density of freight cars in roads, a scenario has been proposed by which, roads traffic and accidents, fuel consumption and customer delivery time can be reduced.