160010010 & 160010025

Assignment – 5

Report TSP Completion

We have used **Modified Simulated Annealing Algorithm**. The first node is generate using **Prim's Algorithm**. After that, for generating next nodes we randomly select any two cities and reverse the order of the cities present between them.

The starting temperature, absolute temperature and cooling rate have been optimized to give best possible results.

We managed to use the annealing in a quite appreciable way.