**CSL 412 - Artificial Intelligence**

Assignment II (Announced on Aug 17, 2021 Submission Date – Sep 28, 2021 midnight)

**Use A\* to solve the Travelling Salesperson Problem (TSP) using Minimum Spanning Tree (MST) heuristic on a large graph (greater than 50 nodes).**

Submission

Submit your code and a video (or a link to the video, if the file size is large) on the email address – [uad.ai.assignment@gmail.com](mailto:uad.ai.assignment@gmail.com)

Write your name, enrolment and Assignment 1 in the subject of the email.

In the video, explain the following things.

1. Explanation of your code and its flow.
2. Show its execution on a large graph using a video with screen shots.