

**e-Yantra Robotics Competition - 2018**

**NS Task 1 Report <Team\_ID>**

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| **Date** | 28/11/2018 |

**Q1. Describe the path planning algorithm you have chosen.**

we are using graph implementation and dijkstra's shortest path planning algorithm

**Q2. Describe the algorithm’s specific implementation i.e. how have you implemented it in your task?**

First we will use graph algorithm to create a graph for the bot of how the node is connected to each other then we will find the shortest path using the dijkstra's algoritm to find the shortest distance or path then we will move the bot