

ITSP 2015-2016

Project abstract

Team Name : The Awesome Four

Project Name : Way Point Navigation

Team Members

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Slot Preferred: 5th May to 15th June

Project Details:

The project comprises of two parts. The first part is creating a land drone preferably a bot which was created in **XLR8**. The second part is using that bot to perform way point navigation which will be done using GPS technology. This will be done by placing a device, A, on the targeted object which will send GPS signals to a second device, B.

From device B, we intend to send the land drone automatically to the device A using its coordinates. The position of Device A will be visible on Device B. The device B will display the distance between the land drone and device A. The land drone will be targeted to device A, first by rotating the desired angle using the required sensor and then travelling the specified distance which will be provided by the GPS.