Event : Srishti

Project under :Mars

Project name: Maze solving robot.

Maze solving robot is a bot that can solve any kind of maze by following certain algorithms.It follows the path of the maze with the help of line sensors. It also have some extra features like when any kind of object comes in between its path,it takes a U-turn and follows another possible path to go to the end point.It senses the object with the help of ultrasonic sensor.The code for the robot was written in arduino. We used Arduino Uno. One motor driver was used to control the two dc motors. The bot was based on Differential drive that had a castor wheel in front of it.

It can be used in small scale industries to travel goods from one place to another within a factory.

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