

Group Project Proposal

Module

EN 1093 Laboratory Practice I

Project Title

Line following robot

Abstract

The objective of the project is to design and build a robot, which can follow a black path on a white arena, detecting the lines and junctions. The given arena consists of a starting point, two destination points including the goal destination and junctions have various inclinations. The circuit will be included main circuit, motor controller circuit and power supply circuit. It is a sensor based system consisting TCRT 5000 phototransistor sensors. Line follower sensors are used in front of the robot. Same line follower sensors detect junctions.

Group Members

Group number - 05

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