

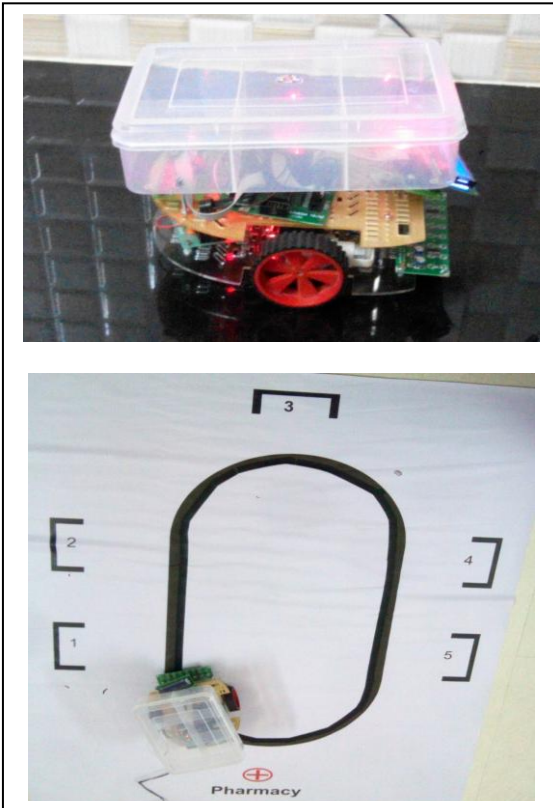


Dr. N.G.P. INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF BIOMEDICAL ENGINEERING

Robotic System for Medication Delivery in Hospitals



Description of the Project:

- This system aims at serving the healthcare professionals, nursing staffs and patients through delivery of medicines from pharmacy to the patient room when they need it.
- This project describes the techniques to model an RFID based line follower robot.
- A line follower robot is an electronic system that can detect and follow the line on the floor. Generally the line is a specified predefined path that can be visible like a black line on a white surface with high contrast color.
- The medicines when prescribed by the doctor to the patient will be transmitted via a wireless transmission medium for display in the pharmacy.

Tools Used: IR proximity sensor, RFID module

Project Guide

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