

# Medicine Delivering and Patient Parameter Monitoring Robot-MedRobo

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**Abstract:** *The advent of robotic assistance in healthcare settings offers a transformative approach to managing and enhancing patient care, especially in environments burdened by infectious diseases and staffing shortages. In this paper, we propose a robot named MedRobo with some functionality of providing medicine as well as to measure the vital parameters (Heart rate, Pressure, Temperature) of the patient. During the current scenario, reducing the human to human contact in hospitals is required. In a bid to prevent doctors and medical staff from getting affected by Coronavirus, the role of medicine delivering robots is evolving. The movement and finding the path to patient location is done through a line follower. Line following method is used to identify the path with help of two infrared sensors. Using the vending machine the medicine delivery is made possible to the patients. All the measured parameters will be sending to care taker person's mobile application through Bluetooth module.*

**Keywords:** Medicine Delivery, Healthcare, Patient Parameter Monitoring, Robotics, Android Application