

## LIVE HUMAN DETECTION ROBOT IN EARTHQUAKE CONDITION

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In the modern era, the rapid development of technology has led to creation of skyscraper buildings and dwellings that pose a higher risk to human life in the event of Natural and Man-made disasters. To address this issue, various technological advancement have been made to enhance safety measures. For instance ultrasonic sensors are used to detect obstacles and navigate robot movement paths, while gas sensors can detect gas leaks inside buildings. In addition IP cameras are integrated to observe and analyse the conditions enabling reliable human detection with a high probability of success rate in such situations. These technological solutions have significantly improved safety measures in modern-day buildings, reducing the risk to human life in the event of disaster. In this IOT based live human identifying robot for seismic tremor salvage activity venture, another strategy for recognize enduring people in destructed conditions utilizing mimicked self-governing robot is proposed. The main level a PIR sensor utilized with a temperature sensor that is utilized as the essential sensor so as to identify the presence of living people in a scene. Remote correspondence help to require the people.

**Keywords:** Wireless Sensor Networks, PIR Sensor, MAX 232IC, Internet of Things, SIM Card, DC gear motor.

## A LITERATURE REVIEW ON DIFFERENT IOT BASED HEALTH MONITORING SYSTEM

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Health care monitoring system is in high need all over the world. By using IOT in health care, it is possible to track various health parameters of patients like HEART RATE, BLOOD GLUCOSE LEVEL and BP etc., These data's are forwarded to the doctors by using the remote health surveillance monitors certain parameter of patients using digital tech and it allows of evaluation of health right at home. The data collection transmission and visualization can use a smart phone as hub, thus making the operation smooth and flexible. Wearable real-time health tracking devices privilege the order citizen through continuous monitoring while ensuring immediate measures in case of emergency. The doctors can view these data's and provide medical assistance from their location and it