

Paralysis Patients Monitoring System using GSM

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Abstract: *Healthcare systems are a critical component of each country's economy and public health. In today's fast-paced world, it's difficult for people to be continually available for their loved ones who may require assistance while they are going through a difficult time. Physiological parameters are measured constantly or at regular intervals by patient monitoring systems. According to a recent World Health Organization survey, over 5.6 million people are paralysed, accounting for 1.9 percent of the population, or roughly 1 in every 50 people. Paraplegic health surveillance in hospitals indicates that a variety of exercises, stimulation, and medications are available to safeguard the paralysed. However, there is no specialised monitoring system in place to follow the health of paralysed persons. To deal with these problems, a monitoring system is put in place, which is used to keep track on the patients' health. Bio sensors, such as pulse rate, blood pressure, and airflow sensor, are used in this monitoring system to sense the vital framework of patients, and these parameters are continually monitored and relayed to the caretaker through GSM. This is something that a microcontroller can help with (MSP430).*

Keywords: GSM , Patient Monitoring System, Health Surveillance, SafeGuard

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- [2]. Biomedical sensors are used in a GSM-based patient monitoring system. 2K.Swarna Madhuri¹ Assistant professor in the department of ECE, RECW, Kurnool ²Assistant professor in the department of ECE, GPCET, Kurnool GSM based Health Care Monitoring System.
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