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(57) Abstract :

This invention focuses on developing wireless monitoring system for human heartbeat and human body temperature using a microcontroller at low cost with increased efficiency. In the current era, monitoring systems are generally operates in offline mode. But it is of great demand to monitor patients located remotely in real time systems. The proposed invention involves sensors for measuring the heartbeat of the patient and his body temperature connected to the microcontroller. Parameters measured are displaced using LCD display. The measured data is then transmitted using wireless system to remote places. Heartbeat is sensed by the heartbeat sensor which counts beat for a particular time which is then extended to one minute. Similarly temperature is sensed by temperature sensor then both the measured value are transmitted by the microcontroller to the receiver which is placed in a remote location which is viewed using LCD display in the receiver end.

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