

GSM BASED PATIENT HEART BEAT MONITORING SYSTEM

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A project report submitted in partial fulfillment of the requirements for the award of the degree of Diploma of Electrical Engineering

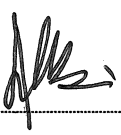
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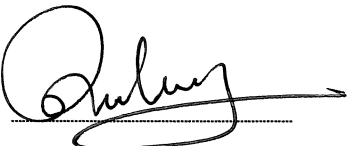
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"I declare that this report entitled "*GSM BASED PATIENT HEART BEAT MONITORING SYSTEM*" is the result of my own group research except as cited in the references. The report has not been accepted for any degree and is not concurrently submitted in candidature of any other degree."

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ABSTRACT

There is a vast growth of VLSI technology and Global System for Mobile communication, (GSM) communication in these days. This project deals about the implementation of GSM technology in Medical applications. This wireless communication would not only provide them with safe and accurate monitoring, but also fast response. In this project, heartbeat of patient are measured by using pulse sensors as analog data, later it is converted into digital data using ADC, which is suitable for wireless transmission using paging messages through a GSM modem. The ATmega328 micro controller IC in aduino is used for temporary storage of the data used for transmission.

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