

PROJECT REPORT ON

“SMS BASED REMOTE HEALTH MONITORING SYSTEM”

**In partial fulfillment of the requirements for the
Award of the degree of**

BACHELOR OF ENGINEERING IN ELECTRONICS AND COMMUNICATION ENGINEERING

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ABSTRACT

The wide availability of GSM Network will give rise to new mobile healthcare services. To this end, the project has developed and trialled a highly customizable vital signs monitoring system based on Sensors. The developed system allows the incorporation of diverse medical sensors and the live transmission of the measured vital signs over wireless networks to healthcare providers. Trials with different healthcare scenarios and patient groups have been conducted. These have been performed to test the service and the network infrastructure including its suitability for SMS based healthcare applications. Preliminary results have documented the feasibility of using the system.