

 **HEALTH MONITORING USING**

**DATABASE MANAGEMENT SYSTEM**

**A PROJECT REPORT (PHASE-II)**

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***in partial fulfillment for the award of the degree***

***of***

**BACHELOR OF ENGINEERING**

***in***

**COMPUTER SCIENCE AND ENGINEERING**

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**(AN AUTONOMOUS INSTITUTION)**

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**SRI RAMAKRISHNA ENGINEERING COLLEGE**

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Certified that this project report “**Health Monitoring Using Database Management System**” is the bonafide work of **ABARNA M AISHWARIYA R** and **AKSHAYA K R** who carried out the project work under my supervision.

|  |  |
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**Submitted for viva-voce Examination held on \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**INTERNAL EXAMINER EXTERNAL EXAMINER**

**DECLARATION**

We affirm that the project work titled “**HEALTH MONITORING USING DATABASE MANAGEMENT SYSTEM”** being submitted in partial fulfillment for the award of **Bachelor of Engineering** is the original work carried out by us. It has not formed the part of any other project work submitted for award of any degree or diploma, either in this or any other University.

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I certify that the declaration made above by the candidate is true.

**--------------------------------**

(Signature of the Guide)

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**ABSTRACT**

The method of monitoring patients in hospitals keeps patients tied to their beds and this may be uncomfortable for the patients. The number of nurses in the workforce can be reduced, and excess pressure that can lead to unfortunate accidents happening to patients can be avoided. The goal of the project is to produce a wireless patient monitoring system that could allow patients to be mobile in their environment. The Health Monitoring Using Database Management System includes temperature sensor to keep track of the patient’s temperature and the temperature is being collected on the regular interval of time and the graph is being generated.

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**LIST OF ABBREVIATIONS**

REU RESEARCH EXPERIENCES FOR UNDERGRADUATES

DBMS DATABASE MANGAEMENT SYSTEM

API APPLICATION PROGRAMMING INTERFACE

RDBMS RELATIONAL DATABASE MANAGEMENT SYSTEM

IMDBMS IN-MEMORY DATABASE MANAGEMENT SYSTEM

CDBMS COLUMNAR DATABASE MANAGEMENT SYSTEM

WBSNS WIRELESS BODY SENSOR NETWORKS

ECG ELECTROCARDIOGRAPHY

ISM INDUSTRIAL SCIENTIFIC AND MEDICA

PIFA PLANAR INVERTED-F ANTENNA

MAC MEDIUM ACCESS CONTROL

TDMA TIME DIVISION MULTIPLE ACCESS

ICU INTENSIVE CARE UNITS

UART UNIVERSAL ASYNCHRONOUS RECEIVER /TRANSMITTER

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