MOBILE BASED PATIENT MONITORING SYSTEM

A project report submitted to Jawaharlal Nehru Technological University, Kakinada in the partial fulfillment of the requirements for the award of degree of

BACHELOR OF TECHNOLOGY

In

ELECTRONICS AND COMMUNICATION ENGINEERING

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This is to certify that project work is entitled " **MOBILE BASED PATIENT MONITORING SYSTEM**" in partial fulfillment for the degree of bachelor of technology in ELECTRONICS AND COMMUNICATION ENGINNERING, atAVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY, MAKAVARAPALEM, VISAKHAPATNAM is an bonafied work carried out by HITHESHI,B.MANASA,B.LEELAMOHAN,V.VISHNU VARDHAN under the guidance and supervision during 2016-2020.

INTERNAL GUIDE

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ABSTRACT

In the present busy days constant monitoring of the patient's body Parameter such as temperature and heart beat rate etc. become difficult. So, to make doctor work easier we are making an efficient mobile that doesn't measure only temperature but ECG also on cloud. At Philips, we help you seamlessly connect data, technology and, Most importantly, people through a wide range of products, software and services. we do this with solutions designed to break boundaries and empower you to address alarm fatigue, minimize clinical variation and to manage patients as they transition in care. Health relating sensors like heartbeat sensor, body temperature measuring sensor, processing capabilities and transmission, can thus help to make economic wearable gadgets for monitoring of health. In this project we propose a system which can get the crucial parameter of any patient in real time and upload it on cloud. As we can see it is not mandatory that every surgeon used to stay with patient after any operation until he/she completely but they leave after the operation. They need the real time data of the patient so they can monitor even though they are far from the patient. Hence this project will get the real time data of the patient and continuously upload it to the cloud and surgeon can get this whenever he feels to observe the patient. As in case something went wrong then also immediate nursing instruction can be given by surgeon.