

TEMPERATURE MONITORING DEVICE FOR HOSPITAL PATIENT

A Project Study

Presented to

The Faculty of the Engineering

DE LA SALLE UNIVERSITY – DASMARIÑAS

The seal of De La Salle University - Dasmariñas is a circular emblem with a scalloped border. It features a central shield with a red triangle at the top, a blue triangle at the bottom, and a white cross in the center. The shield is flanked by two green laurel branches. Above the shield is a red triangle containing a white star. The text "AKLATANG EMILIO AGUIBALDO - INFORMATION RESOURCE CENTER" is written in a circular path around the top of the seal. At the bottom, it says "De La Salle University - Dasmariñas • Since 1977 • Dasmariñas, Cavite, Philippines".

In Partial Fulfillment

Of the Requirements for the Degree in

BACHELOR OF SCIENCE IN ELECTRONICS ENGINEERING

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ABSTRACT

Title: Temperature Monitoring Device for Hospital Patient

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School: De La Salle University – Dasmariñas

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This study focuses on the application of knowledge learned by the researchers as regards to microcontrollers. This aims to minimize the harmful effects of temperature change among hospital patients through continuous monitoring. Besides monitoring, the device is also capable of saving temperature samples according to the set time interval of the user. The proposed answer to this problem by the researchers is the design, fabrication and installation of a Temperature Monitoring Device for Hospital Patient. The said device is microcontroller based and is interfaced with Liquid Crystal Display and keypad to make it more user-friendly.

The installation of the prototype exhibits the skills and knowledge that are gained and developed by the ECE students in the University. This also reflects the college's name and the quality of education of De La Salle University – Dasmariñas.