

**REMOTE CONTROLLED DIGITAL ALARM CLOCK**

A Design Project  
Presented to the Faculty of the  
Institute of Evening Opportunity Programs  
Ramon Magsaysay Technological University  
Main Campus, Iba Zambales

In Partial Fulfilment  
Of the Requirements for the Degree  
Bachelor of Science in Computer Engineering

by

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Ma. Cassandra B. Ramos  
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March 2011

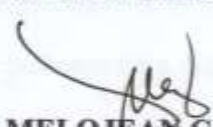
Republic of the Philippines  
**RAMON MAGSAYSAY TECHNOLOGICAL UNIVERSITY**  
**INSTITUTE OF EVENING OPPORTUNITY PROGRAMS**  
Iba, Zambales



A project design presented to the Faculty of the Institute of Evening Opportunity Programs in partial fulfillment of the requirements of the degree: Bachelor of Science in Computer Engineering entitled:


**REMOTE CONTROLLED DIGITAL ALARM CLOCK**

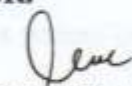
has been prepared and submitted by **Jerwin V. Siringan, Ma. Cassandra B. Ramos, and Honelyn M. Quilanlan**, who are hereby recommended for oral examination on March 20, 2011.

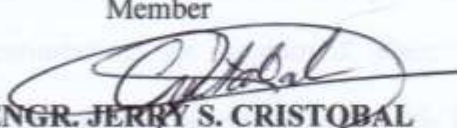
  
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Accepted as requirements for the degree of **BACHELOR OF SCIENCE IN COMPUTER ENGINEERING**

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### ABSTRACT

The development computers have a great part in this modern world of high technology. This development brought people to live more comfortable. Different gadgets, instruments, and machineries which have been programmed through computers, job or work is done in lesser time. Clocks are also among the most important discoveries of mankind. Since the time they were discovered, they have been used in almost all civilizations and now in today's world everything depends on time and has run on time including us.

The researchers decide to make this kind of project to explore the additional application of remote and if it is possible if this kind of device can operate a digital clock.

Designing a device using remote control is simple to execute if the precise sensor will employ. It is also possible to set the time with alarm using one remote base on the proponents finished design project. The probable problem in constructing this kind of design is the setting of its alarm; because the proponents used a variety of exploration to set the alarm like changing the position of the connection of the buzzer and experimenting the program if where is the possible location to set the alarm. The proponents also recommend using this kind of project because it is friendlier and easy to use because of the remote.

Remote Controlled Digital Alarm Clock can be use in the prestige Institution of Ramon Magsaysay Technological University as their official time display if the size of the applied seven segment can be adjust in more generously proportion depth and the alarm can be alter in more strident sound. If the assumed adjustment of the project can be