

Miniature MCU- Based Intelligent Floor Polisher

A Research Proposal submitted to the
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Bachelor of Science in Electronics and Communications Engineering

by

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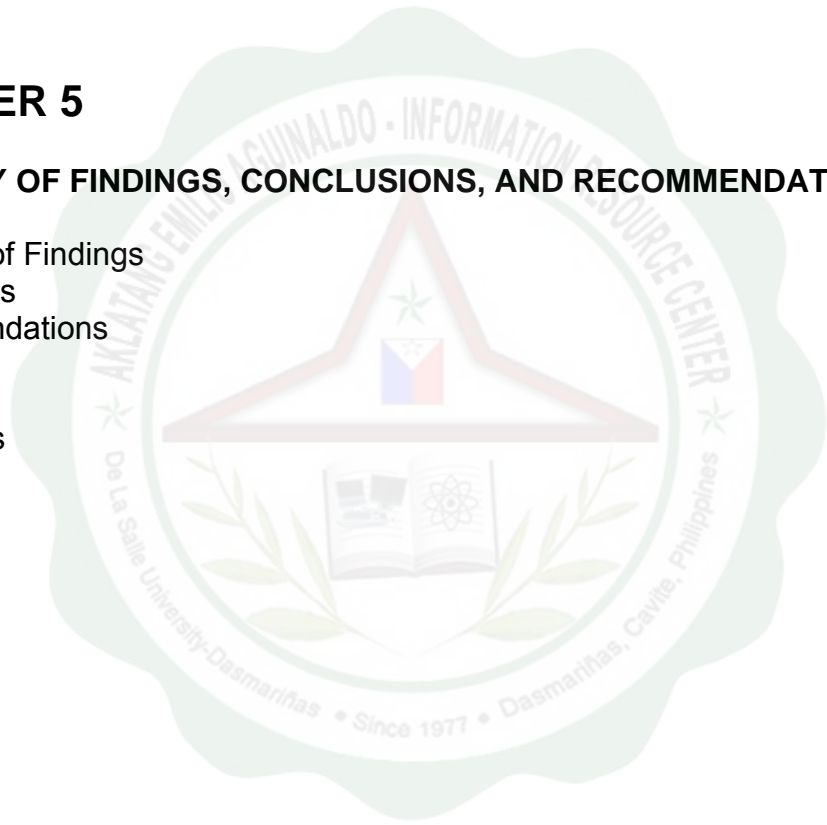
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ABSTRACT

Title: MINIATURE MCU-BASED INTELLIGENT FLOOR POLISHER
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Manually operated floor polisher is a time consuming and labor-intensive system which result in "scheduled" floor cleanings being skipped for other less difficult tasks.

Floor polishing is considered by many to be one of the most boring and tiring routine household tasks. It is also one of the most promising personal robot applications. Several devices have now been invented and some manufactured products are available for floor polishing. The purpose of this study is to develop a miniature MCU-based Intelligent Floor Polisher.

The proposed Intelligent Floor Polisher addresses the aforementioned needs in the art. The floor polisher is relatively simple in design and construction. The polisher is very easy to setup and operate at best nominal programming of the device. The intelligent floor polisher is compact and lightweight compared to manually operated polisher. The automatic floor cleaner, comprising a timer electrically disposed between the switch and the electrical source for turning the switch to an off position after the expiration of a predetermined length of time.