

ABSTRACT

Along with the progress of time and also the growing of science and technology, especially in the field of medicine both in hospital, laboratory, or other health centers. The progress of science and technology are expected to provide benefits to people and will continue to be developed. In the sterilization process both at the Hospital and other health centers, sterilization activities performed manually where mobile UV brought into every room that will be sterilized. But this can not be done simultaneously and requires a lot of energy to do any of the sterilization process. The activity was not effective and practical in the era of the all advanced and sophisticated as it is today. Therefore, the authors in this Final makes a Centralized Control System for Ultraviolet Sterilization is a system to manage the process so that ultraviolet sterilization can be performed simultaneously. With this tool the process of sterilization in health care institutions to be more practical and efficient. All settings can be done from one place and certainly more convenient in the implementation of the sterilization process.

Keywords: Ultraviolet, microcontroller ATmega16