PARK CONTROL SYSTEM DESIGN USING MICROCONTROLLER ATMEGA 8

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ABSTRACT

The development of increasingly advanced technology encourages people to always create something new. One of them is the garden that has many important functions. Because that's the function of the park is one of the very vital part of required maintenance function so good.

Park control system using Microcontroller Atmega 8 is designed to ease the routine tasks park officials in controlling the park all day. Includes lighting of parks and fountains. This tool works automatically and periodically so that if the workers are no controllers in the park will still work appropriate tool setting time of the Real Time Clock (RTC) which has been determined.

Control process is started by pressing the start button and it automatically works based microcontroller signals received from the Real Time Clock (RTC). At 5:00 a.m. to 5:00 p.m., while the dead garden lights lit fountain. At 5:00 p.m. to 10:00 p.m., garden lights along with flame flame fountain. Meanwhile, at 22:00 to 05:00, fountain garden lights stopped working while still burning.

Keywords: Microcontroller, RTC, SSR