

ABSTRACT

At present, energy saving is being socialized inexorably as an impact of depleted energy supply. Public are aware and have accomplished positive attempts reacting to aforesaid issue.

This system is based on microcontroller *ATMega 8535* series. This system uses centralized switch as tele-controller media, so we can turn on, turn off, and check lights from anywhere with no need to move. LCD and keypad is used to check interface.

This system works as switch and lights controller, which will always be observed by people who have authority to those lights. With this device, hopefully lights at buildings could be able to be checked properly; and afterwards, energy saving is applied.