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Automatic Classroom Light / Fan Control System

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Abstract: *A microcontroller is used to obtain values of physical conditions through sensors connected to it. In the automatic lamp system required sensors to detect the classroom light of the PIR (classroom PIR) sensor. This is because the classroom light intensity received by the existing PIR sensor in the room is blocked by the wall of the house or by other objects. Then for the fan, it can also turn on automatically when the temperature is greater than 27°c,28°C, and the fan speed can also be adjusted. The fan may also turn off automatically when the temperature is less than equal to 27°C,28°C it also can be used automatically fire detector and automatically visitor PIR shown in the LCD display controlling by the sensor.*

Keywords: Microcontroller

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