

Automatic Room Lighting System using Aurdino

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Abstract: *In this project, the Automatic Room Lights using Arduino and PIR Sensor, where the lights in the room will switch on and off automatically when a human enters the room is made. Such Automatic Room Lights can be installed in garages, stairwells, restrooms, and other areas where we do not want continuous lighting but just when we are present. Also, with the help of an automatic room light control system, you won't have to worry about running out of electricity because the lights will turn off automatically when no one is in the room. So, in this DIY project, we used Arduino and a PIR Sensor to construct Automatic Room Lights.*

Keywords: Automatic Room Lights, Arduino and a PIR Sensor.

