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Automatic Corridor Lighting System

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Abstract: *The use of electrical energy increases day by day. And it is necessary to save electric power for a better future and environment. So we make an model which automatically turns ON lights when it is human or turns OFF when there is no one. In this documentation, we discuss an experiment implemented in the Electronics And Telecommunication Department's corridor of Dr. Daulatrao Aher College Of Engineering, Karad, Maharashtra, India. The main aim of our project is to reduce the wastage of electricity and make the corridor lighting system more efficient. This experiment is based on events that take place daily in our college routine. During the period the corridor lights are remained ON and after college, the lights in the classroom remain ON until someone turns them OFF manually. Also, we see in our daily routine when at night we go somewhere the street lights are continuously turned on till morning, perhaps there was no human being, so this is a huge waste of electricity. So to minimize problems like this we developed a model which turns OFF lights when no human is being so electricity must be saved and wastage of it avoided.*

Keywords: Corridor Lighting System.

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