



**Academic Year: 2021- 2022 (Odd Semester)**

**Department of Electrical and Electronics Engineering**

**Energy Conservation Quality Circle (ECQC)**

**Activity Report**

### **Initiatives for Electrical Energy Conservation in lighting system**

During the periodic visit of ECQC members of RIT, it is observed that lights are always ON in the student's toilet room. It causes increase in electricity consumption. This problem was discussed in the internal review meeting, the ECQC members suggested that we can have automatic lighting controller in all toilet room. We have installed the Automatic lighting controller in all student's toilet room. The automatic lighting controller has a PIR sensor, which detects the presence of people, and then it automatically turns ON the light. The light will be automatically turned OFF when the toilet is no longer occupied as detected by the sensor. The photo shows the arrangement of automatic lighting controller in student's toilet room.



**Faculty Coordinator**

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