ABSTRACT

**Title: Smart street light system**

We need to save or conserve energy because most of the energy sources we depend on like coal and natural gas can’t be replaced if once we use them up they are gone forever. Saving power is very important instead of using the power in unnecessary times it should be switched off. In any city, “STREETLIGHT” is one of the major power consuming factors. Most of the time we see street lights are ON even after sunrise thus wasting a lot of energy.Here we are avoiding this problem by having a smart street light system which turns ON&OFF the street light by the intensity of the light.

**Tools:**

1. Cable
2. Wire
3. LED lamps
4. IR sensor
5. Arduino UNO
6. Jumper wire
7. LDR

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