

AUTOMATIC STREET LIGHT SYSTEM USING LDR

ABSTRACT:

The objective of this project is to build an electronic device that can replace the conventional street lights to achieve more energy efficiency. You will be needing a LDR (Light Dependent Resistor) which can detect the light intensity present at the environment and send the data to the microcontroller. You can then program the microcontroller to carry out specific set of actuations (like switching ON/OFF street lamp) based on the value that the sensor provides. Also all the data that is collected will be stored on the cloud for analytics purposes.

BLOCK DIAGRAM:

