**Project Title:** ELECTRONIC EYE CONTROLLED SECURITY SYSTEM

**ABSTRACT**

Electronic eye controlled security system is also called magic eye. As the automation is emerging technology these days, just imagine a door bell that automatically rings when a person visit your home. This also provides security when any person is trying to enter into your home without your permission. Electronic eye controlled security system is the electronic device that continuously watches if anyone is visiting your home.

This circuit can be divided into two parts. One is the power supply and the other is logic circuit. In the power supply 9V supply is converted to the 5V. The logic circuit operates the buzzer when any shadow falls on it. The main principle of the circuit is to ring the doorbell when there is any person at the entrance. Light on the Light Dependent Resistor (LDR) determines whether a person is present or not. When there is any object at the entrance, LDR is in dark and buzzer starts ringing and the LED starts glowing.

Keywords: regulator IC 7805, diode 1N4007, Capacitor IC 555, Light Dependent Resistor (LDR), buzzer, LED