



**Bal Bharati**  
**PUBLIC SCHOOL**  
M A N E S A R

**Activity name: IR Based automatic light**

**Class: IX**

**Date: November 06, 2023**

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**DESCRIPTION:**

**IR BASED AUTOMATIC LIGHT:**

IR-based automatic lighting has been used using IR sensors. It works in the IR region, whose wavelength is 700 nm to 1 nm and is generally known as infrared waves.

Here, we have used the same concept to transmit the light to the LED by transferring the heat waves to an IR sensor from the human body. Students have performed the activity with the help of electrical tools in the classroom and observed the working of the devices.

**GLIMPSES:**



