**EXP\_ DESIGN A LUMINOUS INTENSITY METER**

**THEORY**

**CONCEPT USED :** In this experiment first we used the basics of electronics in connecting the breadboard connections and the concept of light dependent resistor(ldr).

**LEARNING AND OBSERVATIONS**:

Through this experiment we can learn the use and the applications of light dependent resistor.

The connections of ldr should be connected properly to the breadboard and the Arduino.

**PROBLEMS AND TROUBLESHOOTING :**

We mainly face problems in connecting the breadboard connections and the connections of ldr.

And the code of the Arduino should be given properly.

The connection of ldr should be checked twice and trice.

**PRECAUTIONS :**

One should be very conscious while making the connections of breadboard and ldr.

And also the code of Arduino should be checked twice.

The use of extra connecting wires should be decreased.

No two wires should be touched together, short circuit may occur.

**LEARNING OUTCOMES :**

We can Learn the applications of light dependent resistor from this experiment.

The coding for Arduino can be done.

These coding and connection may increase your technical skills.