**EXP** design a system with 5 poles for highway lighting such that when ever a car ceosses through a pole the led installed on it starts blinking (only during night)at a rate twice of previous pole

**THEORY**

**CONCEPT USED :** in this experiment first we used the basics of the electronics in connecting the bread board connections and the concpt of light dependent resistor (LDR)

**LEARNING AND OBSERVATIONS :**

Through this experiment we can learn the use and the application of LDR

The connection Of LDR should be connected properly to breadboard and Arduino.

**PROBLEMS AND TROUBLESHOOTING:**

We mainly face problem in connecting the breadboard connections and the connections of LDR.

The code of arduino should be given properly.

The connections of LDR should be checked twice.

**PRECATIONS:**

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

And also the code should be checked twice.

The use of extra connecting wires should be decreased.

N0 two wires should connected togeather.

**LEARNING OUTCOMES:**

The coading and connection will increase your technical skills.

The coding of arduino can be done.

We can learn the applications of LDR from the experiment.