PREMIER UNIVERSITY

Department of Computer Science & Engineering

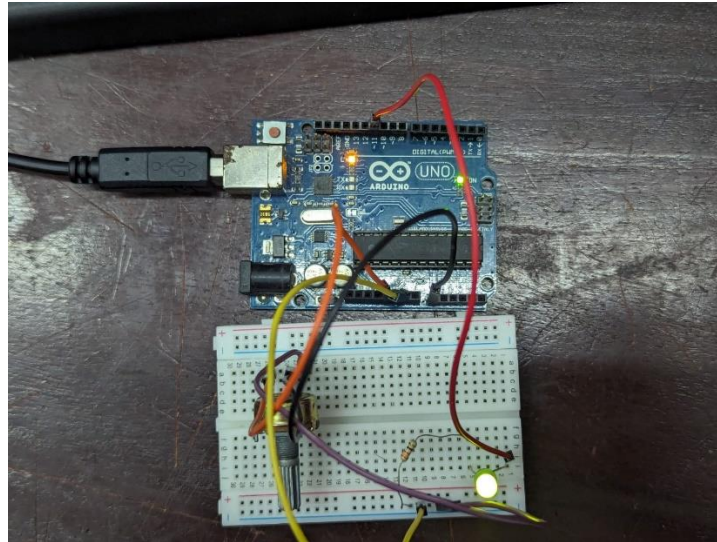|	
Course Code	**: EEE 372**
Course Title	**: Microprocessors & Microcontrollers Laboratory**
Report No	: 03
Name of Report	: LED Brightness controlling using Potentiometer
Date of Performance	: 06/04/2024
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Course Instructor	: Aninda Nandy

Submitted By :

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Section	**: C**
Semester	**: 5th Semester**
Session	**: Spring 2024**

REMARKS

Circuit Diagram:

Code :

```
const int led1 = 11;

const int cap = 0;

void setup()

{

pinMode(led1,OUTPUT);

}

void loop()

{

int cap = analogRead(0);

cap = map(cap,0,1023,0,255);

analogWrite(led1,cap);

}
```