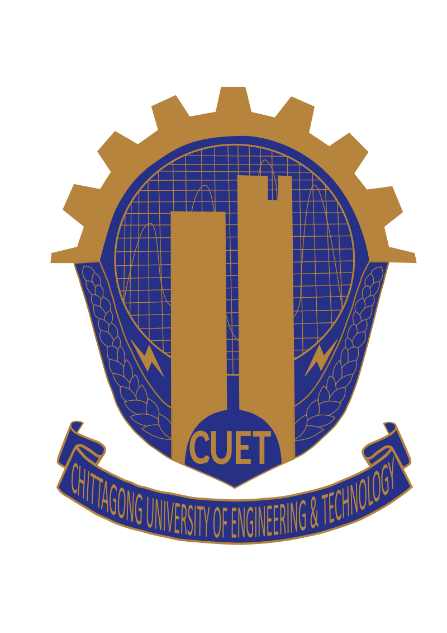
**CHITTAGONG UNIVERSITY OF ENGINEERING & TECHNOLOGY**

**DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING**

**Project Proposal**

**Course No:** ETE-416

**Course Title:** IoT and Industrial Automation Sessional

**Date of Submission:** 06.11.2022

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| **Submitted To** | **Submitted by** |
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**Project Title:** Weather Monitoring System using WiFi Module and Live Server

**Description:** In this project, we will measure temperature, humidity, pressure and brightness of the environment. Here, the nodemcu will read data from the sensor and upload it into the server. This data can be observed from any part of the world. The server Blynk also has an app which helps the user to observe and visualize the data.

**Required Component:**

**Hardware:**

1. Nodemcu ESP8266;

2. DHT11 Sensor;

3. LDR Sensor;

4. BMP180 Sensor;

5. Rain Sensor;

6. Breadboard;

7. Jumper Wire;

8. LCD Display and

9. I2C Module

**Software:** Arduino IDE

**Live Server:** Blynk

**Application:** The weather monitoring system can be used for remote observation of the environment. This system can be used for greenhouse, zoos, farms, warehouse and so on.