**IoT LAB**

* **EXP 1A:** LED BLINK ON/OFF
* **EXP 1B:** READ LM35 IN ARDUINO SERIAL MONITOR
* **EXP 1C:** READ DHT11 IN ARDUINO SERIAL MONITOR
* **EXP 2A:** DATA PUBLISH IN THINGSPEAK USING ANALOG SENSOR LM35
* **EXP 2B:** Data Subscribe in ThingSpeak IOT cloud Server using

LM35 analog sensor.

* **EXP3A**: DATA PUBLISH IN THINGSPEAK USING DHT11 HUMIDITY

SENSOR.

* **EXP 3B:** Data Subscribe in ThingSpeak IOT cloud Server using

DHT11 sensor.

* **EXP 4:** DATA PUBLISH AND SUBSCRIBE IN SAME PROGRAM

USING LDR

* **EXP 5:** DISPLAY ANALOG SENSOR(LM 35) VALUE IN

BLYNK APP

* **EXP 6:** LED ON/OFF USING BLYNK APP
* **EXP 7:**SERVOMOTOR SPEED CONTROL USING BLYNK APP
* **Exp 8A:** LM35 SENSOR DATA PUBLISH IN UBIDOTS USING HTTP
* **EXP 8B:** LM35 DATA SUBSCRIBE FROM UBIDOTS AND DISPLAY IN ARDUINO IDE SERIAL MONITOR
* **EXP 9A**: DATA PUBLISH IN UBIDOTS USING MQTT PROTOCOL LM35
* **EXP 9B:** DATA SUBSCRIBE IN UBIDOTS USING MQTT PROTOCOL LM35
* **EXP 10A**: LED BLINK
* **EXP 10B**:REGULATE BRIGHTNESS OF LED
* **EXP 11A** : UPLOAD DHT11 SENSOR IN THINGSPEAK USING RASPERRY PI
* **EXP 11B**:LED ON USING UBIDOTS IOT CLOUD SERVER RASPERRY PI
* **EXP 12:** LM35 ANALOG SENOSR CONNECT ARDUINO CONNECT WITH RASPERRY PI SERIAL COMMUNICATION DATA UPLOAD IN UBIDOTS