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Experiment No. : 15

Statement : To send data from ESP8266 Witty Cloud

Development Board on ThingSpeak cloud.

Date of Exp. : xx/xx/xxxx

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#include<ESP8266WiFi.h>

#include<ThingSpeak.h>

#define led 2

#define red 15

#define green 12

#define blue 13

#define ldr A0

WiFiClient client;

long myChannelNumber = 2477884;

const char myWriteAPIKey[]="HHCD1RV9YVQH5I5U";

void setup() {

pinMode(led,OUTPUT);

pinMode(red,OUTPUT);

pinMode(green,OUTPUT);

pinMode(blue,OUTPUT);

Serial.begin(9600);

WiFi.begin("OPPO F19s","Sarvesh2003");

while (WiFi.status() != WL\_CONNECTED) {

Serial.print('.');

delay(200);

}

Serial.println();

Serial.println("Witty board connected!");

Serial.println (WiFi.localIP());

ThingSpeak.begin(client);

}

void loop (){

int value = analogRead(ldr);

Serial.println (value);

ThingSpeak.writeField(myChannelNumber, 1, value, myWriteAPIKey);

delay(2000);

}







