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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 |
| Author : | Yashpal Patle (A-09) |

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#include <ESP8266WiFi.h>

#include<ThingSpeak.h>

#define ldr A0

WiFiClient client;

long myChannelNumber=2477895;

const char myWriteAPIkey[]="mwa0000033438632";

void setup() {

// put your setup code here, to run once:

Serial.begin(9600);

WiFi.begin("S20 FE 5G","qwer1234"); while(WiFi.status() != WL\_CONNECTED){ Serial.print('.'); delay(200);

}

Serial.println();

Serial.println("witty board connected to wifi");

Serial.println(WiFi.localIP());

ThingSpeak.begin(client);

}

void loop() {

int value=analogRead(ldr);

Serial.print("LDR value:");

Serial.println(value);

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

delay(200);

}



