```
/*
 * Demo   : ET-SENSOR SHT10
 *        : I2C Interface Sensor
 * MCU    : ESP8266
 *        : ESP-WROOM-02
 * I2C    : SHT10(I2C:SCL=D1,SDA=D2)
 */

#include <Wire.h>
#include "SHT1x.h"

//=====================================
#define SHT10_SDA_PIN  D2
#define SHT10_SCL_PIN  D1
SHT1x SHT10(SHT10_SDA_PIN, SHT10_SCL_PIN);
//=====================================
float sht10_temperature;
float sht10_humidity;
//=====================================

//=====================================
unsigned long lastGetI2CSensorTime = 0;
//=====================================

void setup()
{
 Serial.begin(115200);
 Serial.println();
 Serial.println("SHT10...Test");
}

void loop()
{
 //==================================
  // Start of Read I2C Sensor(BME280)
 //==================================
  if(millis() - lastGetI2CSensorTime > 5000ul)                    // 5-Second
  {
   sht10_temperature = SHT10.readTemperatureC();
   sht10_humidity = SHT10.readHumidity();

   Serial.print("SHT10 Temperature = ");
   Serial.print(sht10_temperature, 1);
   Serial.println("C");

   Serial.print("SHT10 Humidity = ");
   Serial.print(sht10_humidity,1);
   Serial.println("%");
```

```
    Serial.println();
    //==================================
    lastGetI2CSensorTime = millis();
    //==================================
  }
}
```