CODE FOR GSM800C

```
#include <SoftwareSerial.h>

SoftwareSerial gsm(2, 3);

// Replace with your phone number

char number[] = "+911234567890";

void setup()

{

    Serial.begin(9600);

    gsm.begin(9600);

    delay(2000);

    Serial.println("GSM Module Initialized");

}

void loop()

{

    int sensorValue = analogRead(A0);


    if (sensorValue < 100 || sensorValue < 80)

    {

        gsm.println("AT+CMGF=1");

        delay(1000);

        gsm.print("AT+CMGS=\"");

        gsm.print(number);

        gsm.println("\"");

        delay(1000);

        gsm.println("FIRE DETECTED!");

        gsm.write(26);

        delay(5000);

Serial.println("\nSMS SENT: FIRE DETECTED!\n");}}
```