**SNS COLLEGE OF TECHNOLOGY**

**Coimbatore-641035**

Department of Electronics and Communication Engineering

IOT Assignment

**TOPIC:** Assignment on temperature and humidity sensing and alarm automation using python

**NAME:** DEEPTI.S

**CODE:**

import random

from time import sleep

while True:

    temperature=round(random.uniform(10, 50),2)

    humidity=round(random.uniform(10, 100),2)

    print("\nTemperature =", temperature,"degree celsius")

    print("Humidity = ",humidity,"%")

    if(temperature>30):

        print("STATE : ALARM ON")

    else:

        print("STATE : ALARM OFF")

    sleep(5)

**OUTPUT :**



