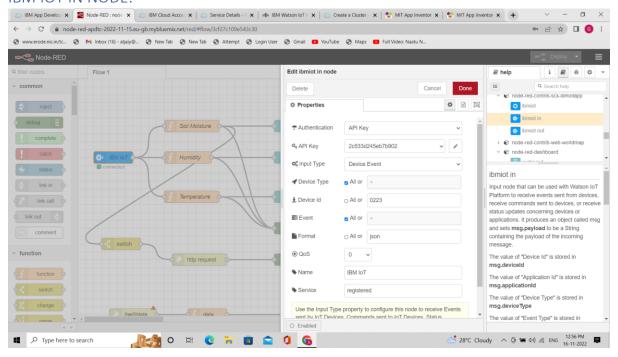
# **BULID A WEB APPLICATION USING NODE-RED**

Team ID	PNT2022TMID46915
Project Title	Smart Farmer – IoT enabled Smart Farming
	Application
Date	16-11-2022

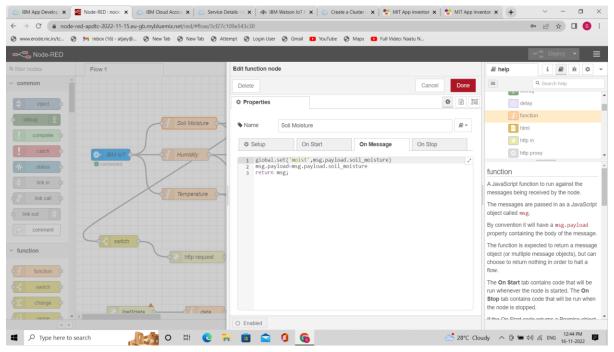
# Build a web Application using NODE RED SERVICE:

- Open node red website
- Connect it with the iot Watson platform.
- Create the device and provide the credentials.
- Provide the device id, device type etc.
- Once filling the details provide finish and start simulation.
- Return back to node red and deploy the function gauges and chart.

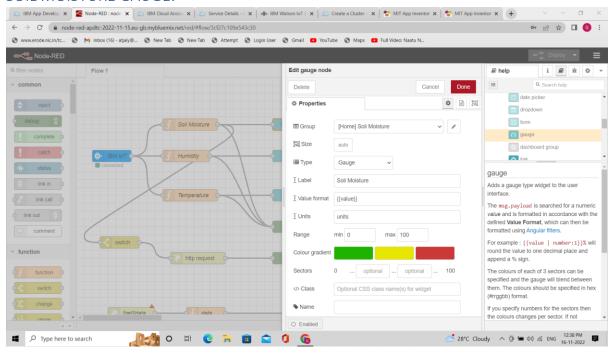
## IBM IOT IN NODE:



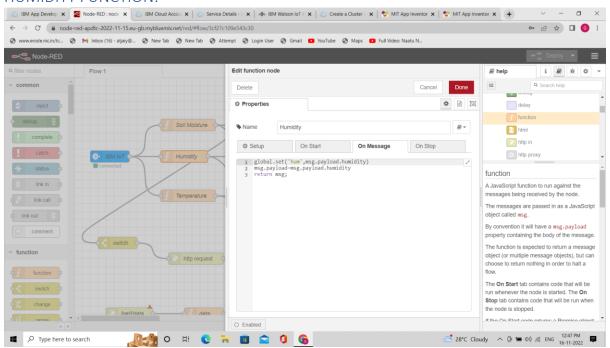
## SOIL MOISTURE FUNCTION:



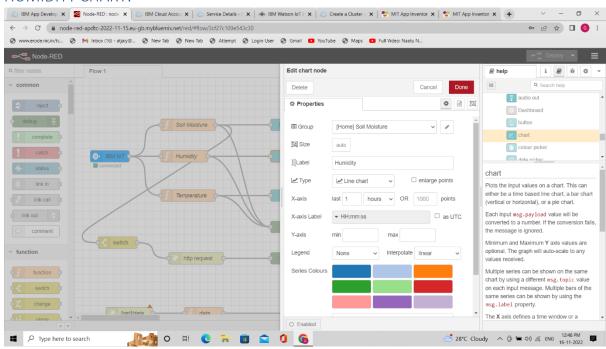
#### **SOIL MOISTURE GAUGE:**



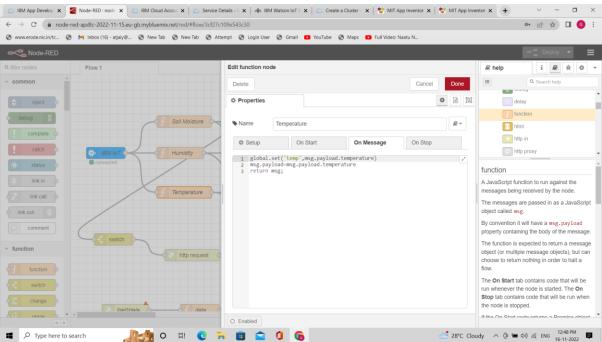
### **HUMIDITY FUNCTION:**



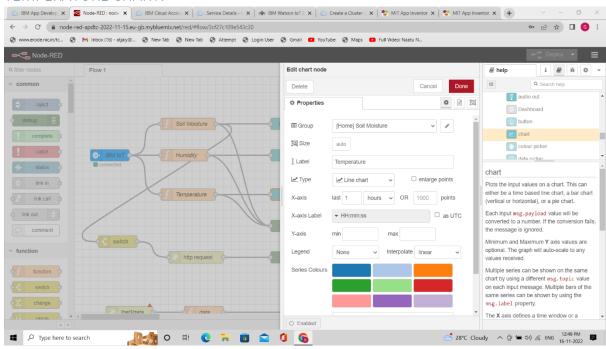
#### **HUMIDITY CHART:**



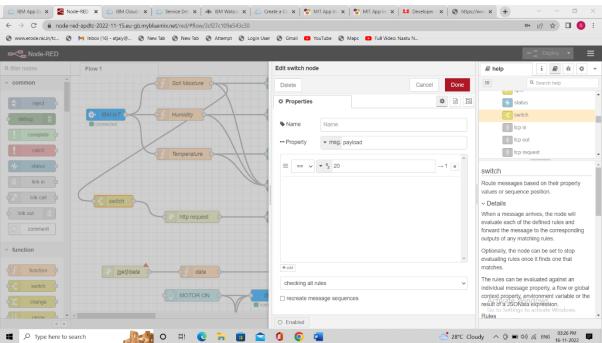
## **TEMPERATURE FUNCTION:**



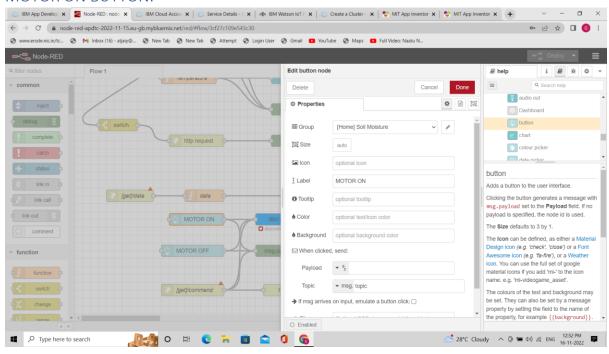
#### **TEMPERATURE CHART:**



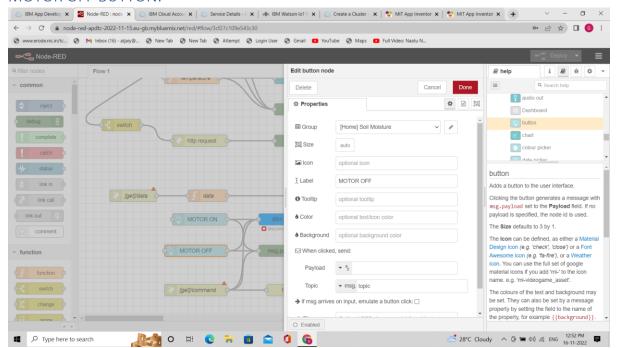
### **SWITCH OPTION:**



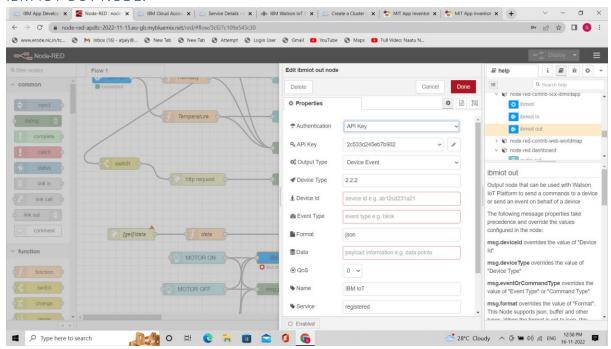
#### MOTOR ON BUTTON:



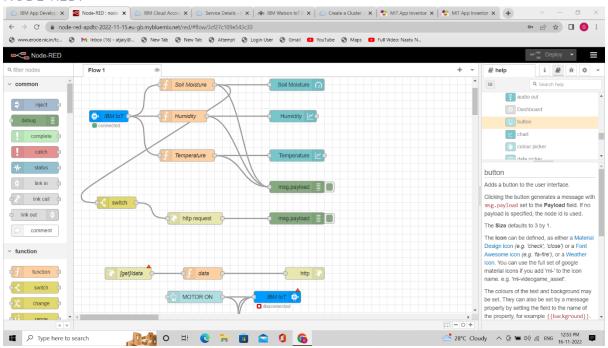
# MOTOR OFF BUTTON:

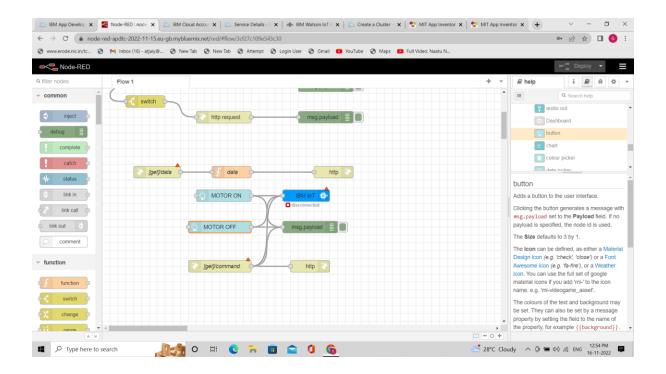


#### IBM IOT OUT NODE:

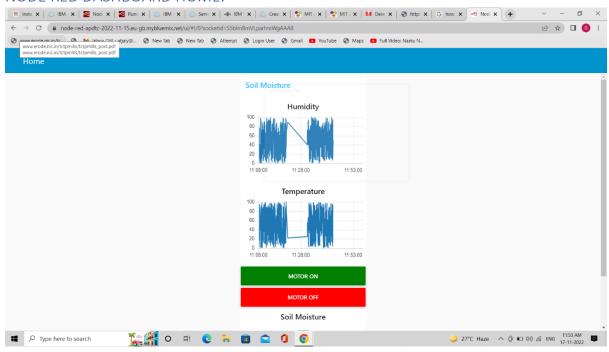


#### NODE-RED:





#### NODE RED DASHBOARD HOME:



#### NODE RED DEBUG CONSOLE:

