

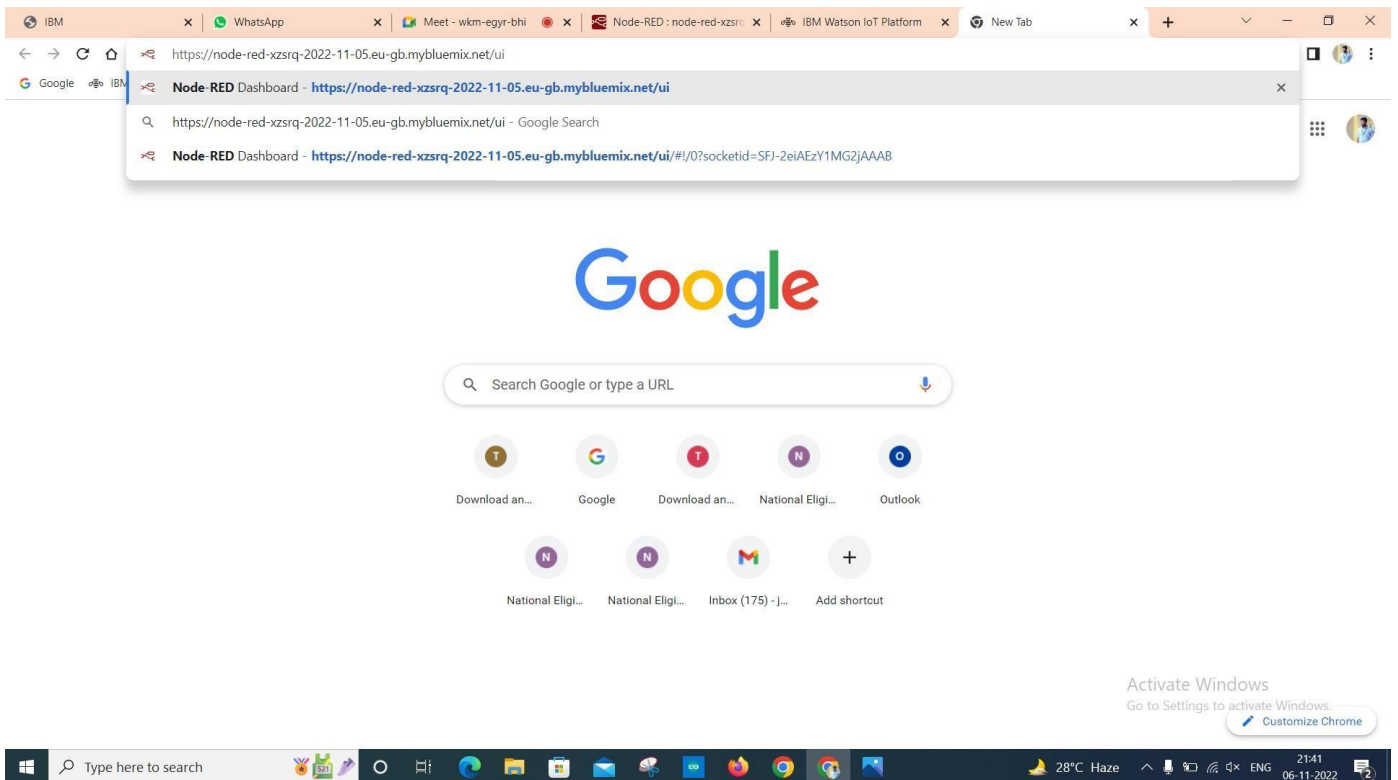
Creating a Node-Red UI to view data in Separate Graphical form

Team ID	PNT2022TMID18989
Project Name	Project - Gas Leakage Monitoring and Alerting System for Industries.

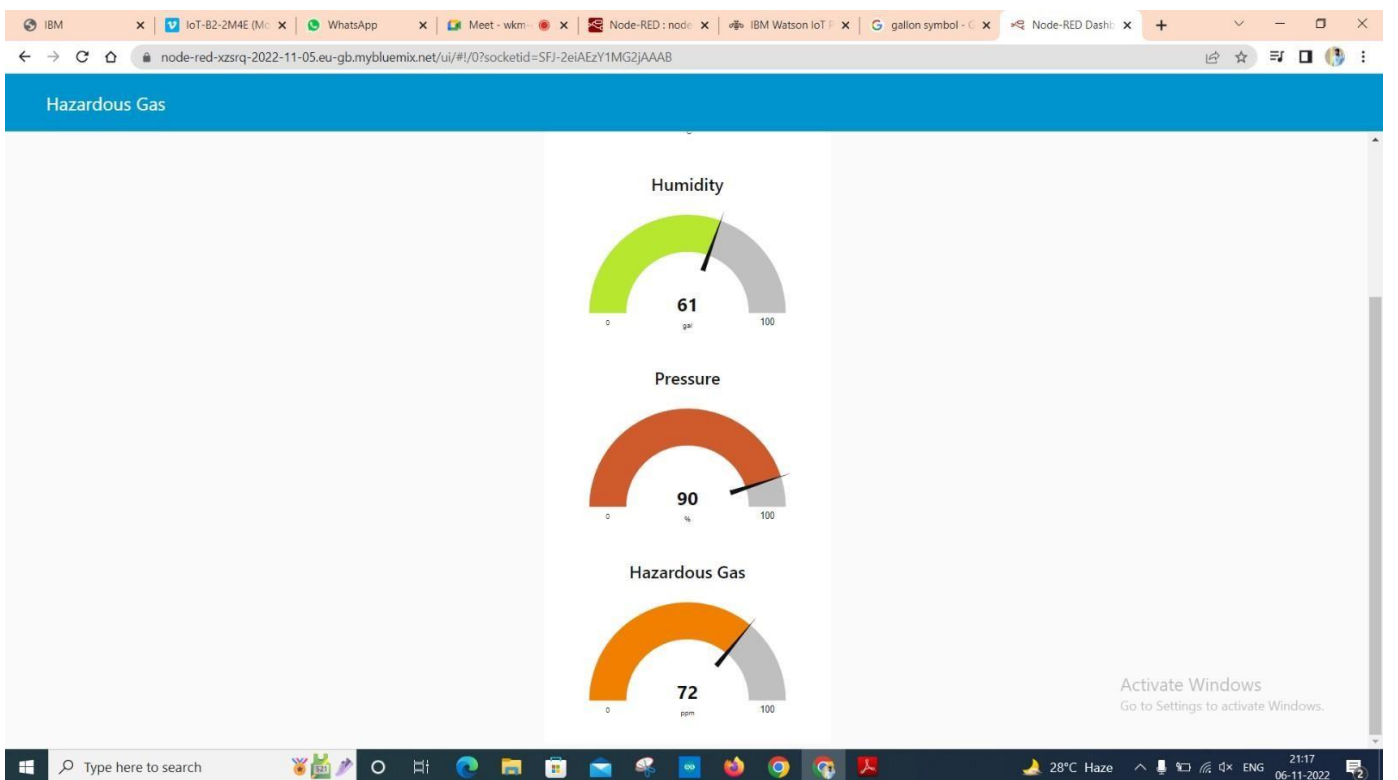
After creating the Node Red Web Application, we have to install the UI interface in Node Red.

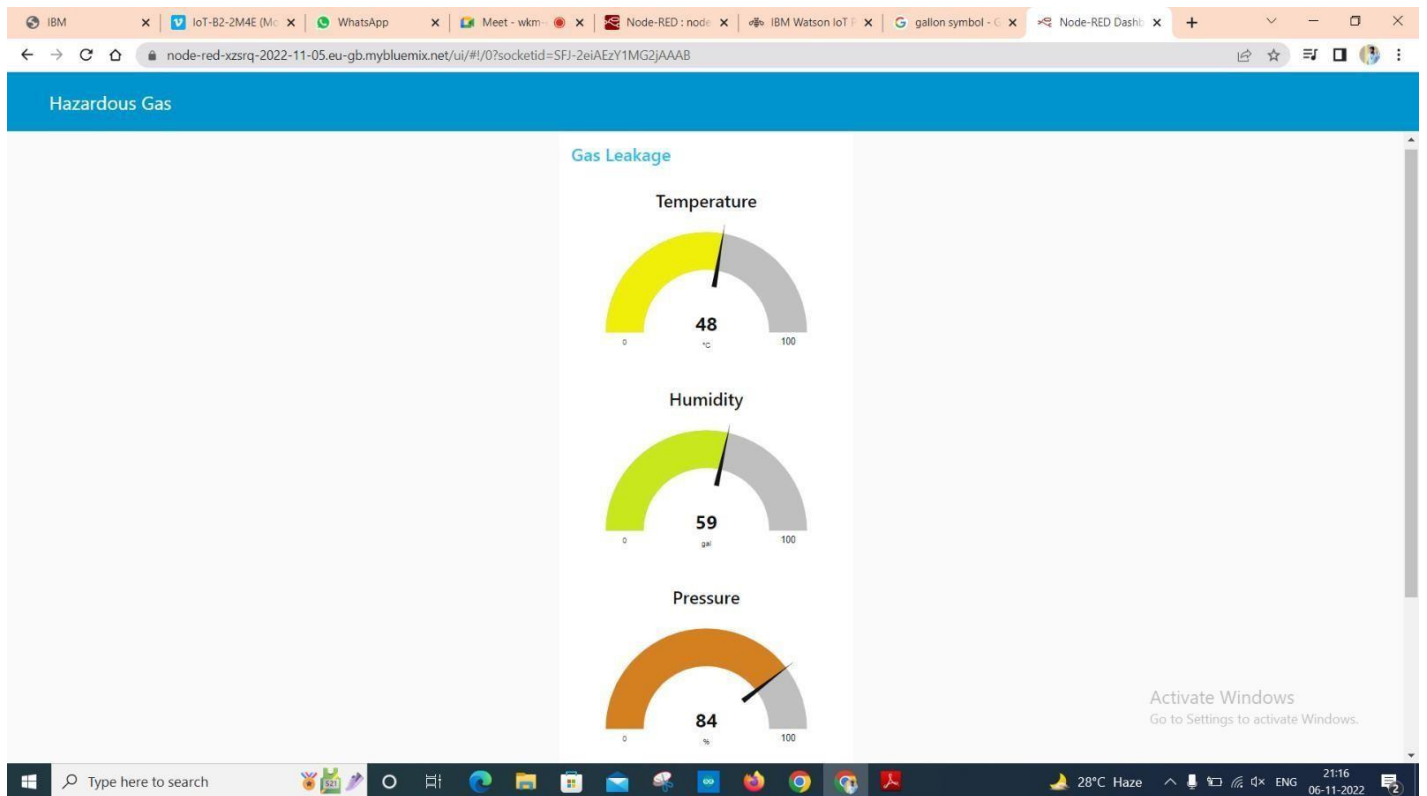
- Copy and pasting the URL of the NodeRed in the newtab

The screenshot displays a web browser window with multiple tabs, including 'IBM', 'WhatsApp', 'Meet - wkm-egyr-bhi', 'Node-RED: node-red-xzsrq', 'IBM Watson IoT Platform', and 'New Tab'. The active tab shows the Node-RED interface at the URL <https://node-red-xzsrq-2022-11-05.eu-gb.mybluemix.net/red/#flow/760cbcb747147ae1>. The interface features a left sidebar with a 'filter nodes' search bar and a list of nodes including 'button', 'dropdown', 'switch', 'slider', 'numeric', 'text input', 'date picker', 'colour picker', 'form', 'text', 'gauge', 'chart', 'audio out', 'notification', 'ui control', and 'template'. The main workspace shows 'Flow 1' with a flow diagram. It starts with an 'IBM IoT' node (labeled 'connected') that branches into four parallel processing nodes: 'Hazardous Gas', 'Temperature', 'Humidity', and 'Pressure'. Each of these nodes is connected to a corresponding output node on the right: 'Hazardous Gas', 'Temperature', 'Humidity', and 'Pressure'. A 'msg.payload' node is also present in the flow. The right sidebar contains a 'debug' console showing a list of messages with timestamps and payloads, including a detailed object for 'HazardousGas: 26, Temperature: 32, Humidity: 57, Pressure: 45'. The bottom of the image shows a Windows taskbar with the system clock at 21:42 on 06-11-2022 and a weather widget showing 28°C Haze.



➤ Output





Link: <https://node-red-xzsrq-2022-11-05.eu-gb.mybluemix.net/ui/#!/0?socketid=SFJ-2eiAEzY1MG2jAAAB>

Result:

Thus, the Node Red UI is created successfully.