

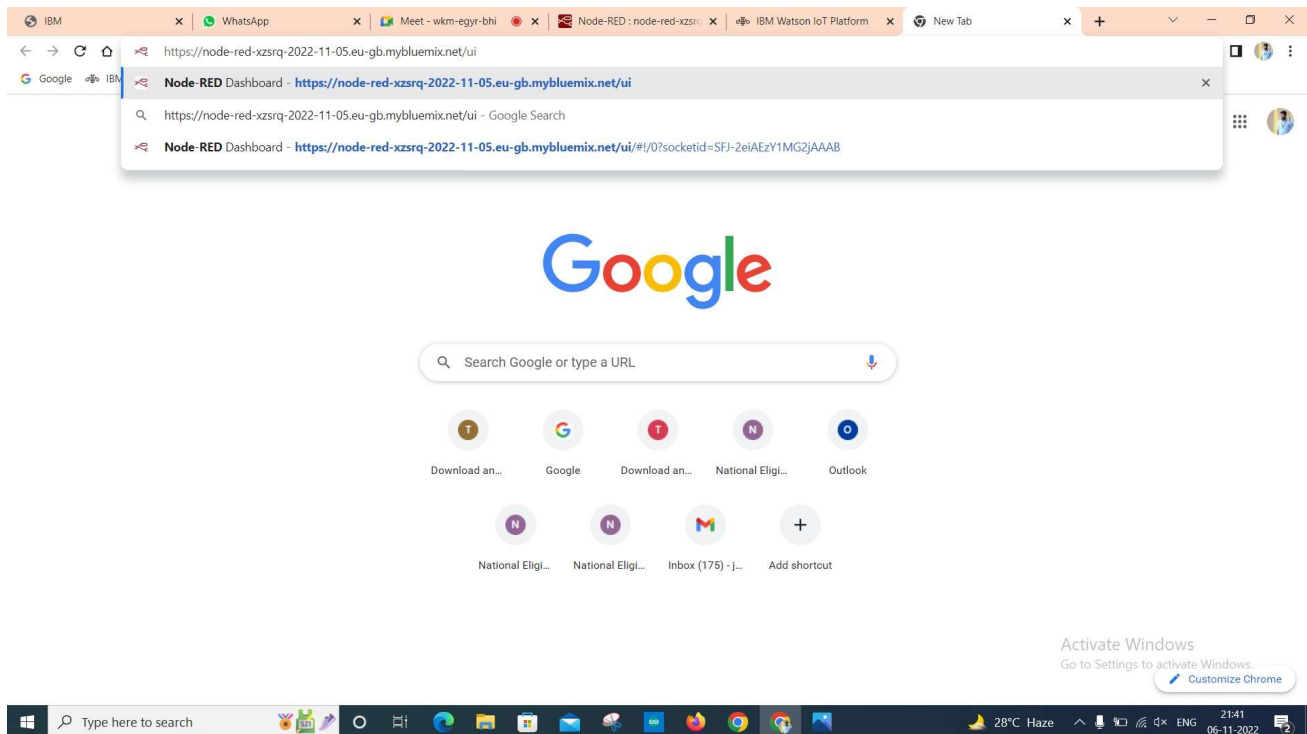
Creating a Node-Red UI to view data in Separate Graphical form

Date	07 November 2022
Team ID	PNT2022TMID28936
Project Name	Project - Gas Leakage Monitoring and Alerting System for Industries.

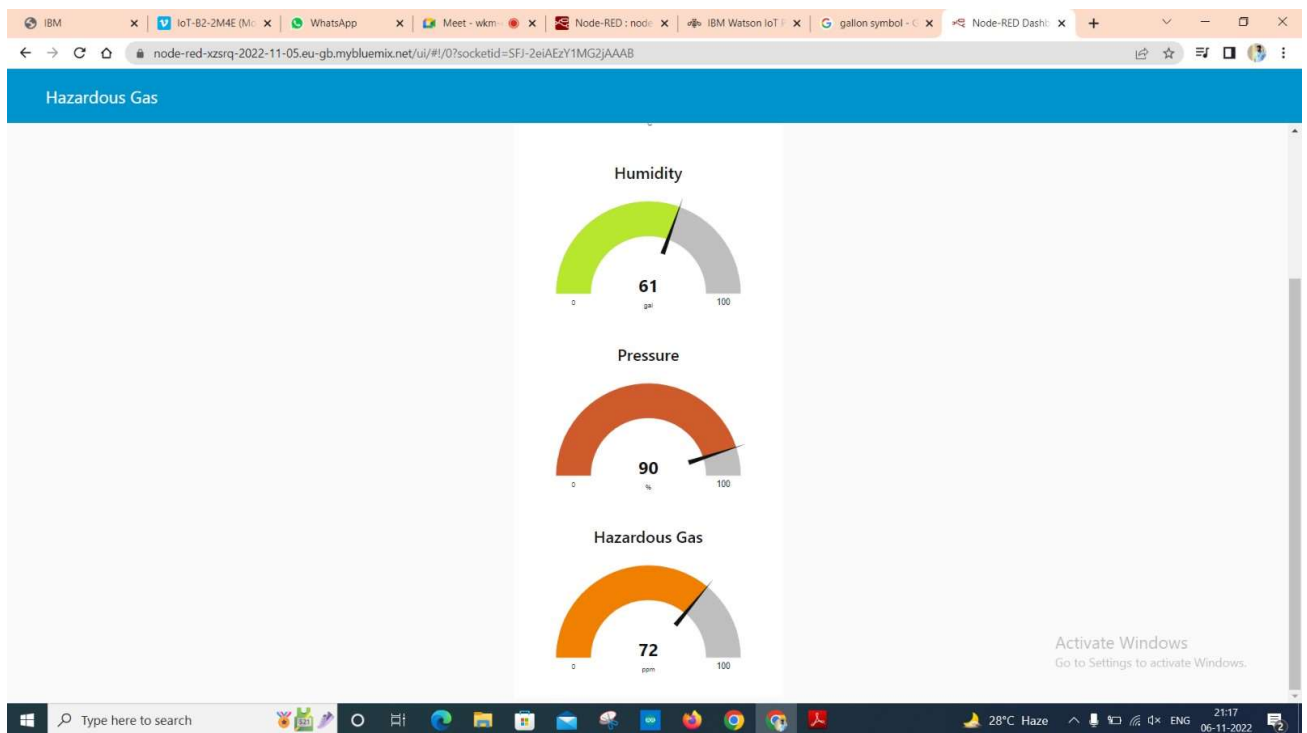
After creating the Node Red Web Application, we have to install the UI interface in Node Red.

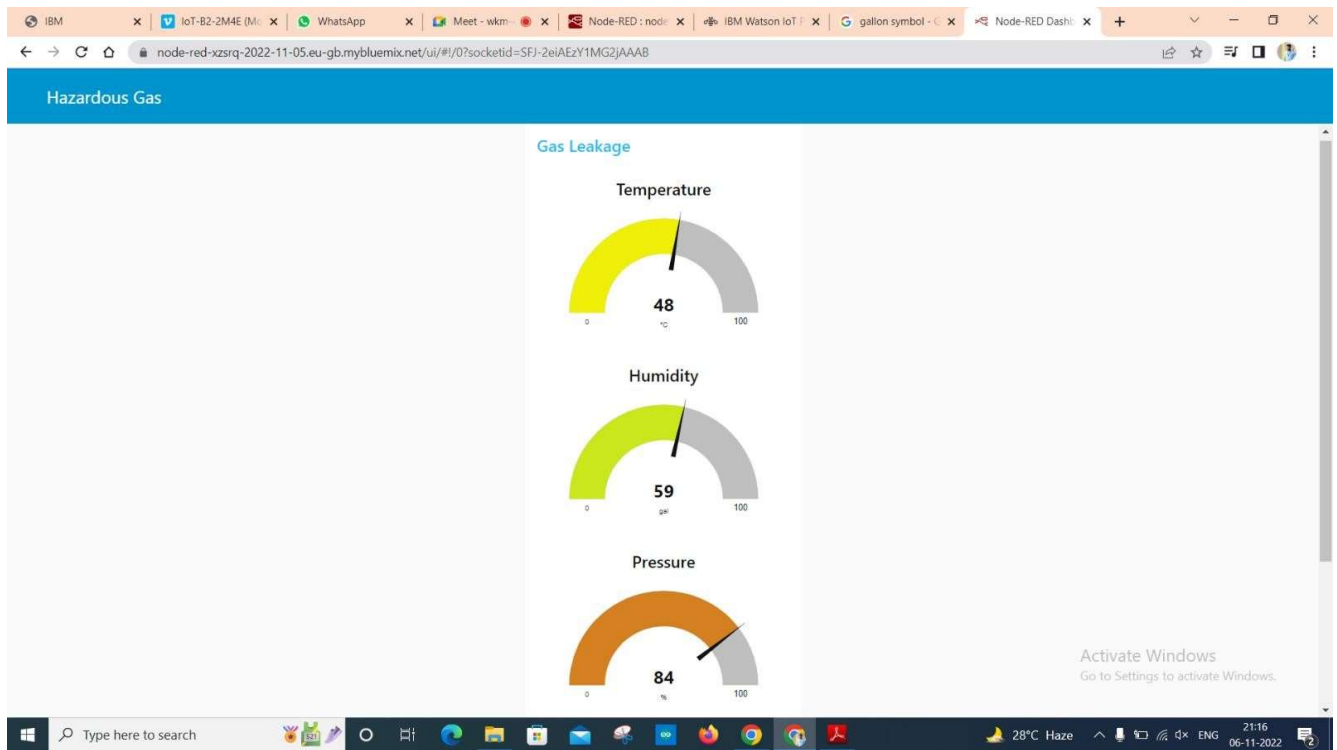
- Copy and pasting the URL of the NodeRed in the new tab

The screenshot displays a web browser window with multiple tabs, including IBM, WhatsApp, Meet, and Node-RED. 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 UI components: 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 paths. Each path contains a function node (labeled 'Hazardous Gas', 'Temperature', 'Humidity', and 'Pressure' respectively) followed by a corresponding UI gauge node (also labeled 'Hazardous Gas', 'Temperature', 'Humidity', and 'Pressure'). All four paths converge into a single 'msg.payload' node. The right sidebar shows a 'debug' console with a log of messages, including timestamps and payloads for the four monitored variables. The bottom of the browser window shows the Windows taskbar with the search bar and system tray.



➤ 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.