

Develop The Web Application Using Node-RED

Team ID	PNT2022TMID31446
Project Name	Signs with smart connectivity for better road safety

The screenshot displays the Node-RED web interface in a browser. The main workspace shows a flow named 'Flow 1' with the following components:

- IBM IoT** node (blue) with a 'connected' status.
- Humidity** function node (orange) and **temperature** function node (orange).
- humidity** output node (blue) and **temperature** output node (blue).
- msg.payload** message node (green) that receives data from both function nodes.

The left sidebar contains a 'filter nodes' search bar and a list of available nodes including numeric, slider, text input, date picker, switch, colour picker, text, gauge, form, audio out, notification, ui control, chart, and template.

The right sidebar shows the 'debug' console with a log of messages. The messages are structured as follows:

```
2/type/weather_device/id/weather_today/ev/evnt_1/fmt/js  
: msg.payload : number  
45  
11/4/2022, 10:46:08 AM node: 3fb1d3a16ac1b7df  
iot-  
2/type/weather_device/id/weather_today/ev/evnt_1/fmt/js  
: msg.payload : number  
29  
11/4/2022, 10:46:09 AM node: 3fb1d3a16ac1b7df  
iot-  
2/type/weather_device/id/weather_today/ev/evnt_1/fmt/js  
: msg.payload : number  
42  
11/4/2022, 10:46:20 AM node: 3fb1d3a16ac1b7df  
iot-  
2/type/weather_device/id/weather_today/ev/evnt_1/fmt/js  
: msg.payload : number  
36  
11/4/2022, 10:46:20 AM node: 3fb1d3a16ac1b7df  
iot-  
2/type/weather_device/id/weather_today/ev/evnt_1/fmt/js  
: msg.payload : number  
73
```

The bottom of the image shows the Windows taskbar with the system clock at 10:49 on 04-11-2022, and the weather at 29°C Cloudy.