

## Using Node-RED:

The image displays the Node-RED web interface, which is used for creating and managing flows. The top section shows the 'common' and 'function' node palettes on the left. The main workspace contains a flow named 'Flow 1' with the following nodes and connections:

- inject** node connected to a **msg.payload** node.
- temperature Node** and **humidity** function nodes, both connected to the **msg.payload** node.
- Temperature** and **Humidity** output nodes, connected to the respective function nodes.
- [get]/sensor** node connected to an **httpfunctionnode** node.
- http** output node connected to the **httpfunctionnode**.

The bottom section shows a dashboard titled 'control' with a 'weather monitoring' panel. This panel displays two gauges:

- Humidity** gauge: A semi-circular gauge with a green needle pointing to the value 14. The scale ranges from 0 to 100.
- Temperature** gauge: A semi-circular gauge with an orange needle pointing to the value 84. The scale ranges from 0 to 100.

Below the gauges, there are two buttons: 'LIGHT ON' and 'LIGHT OFF'.