

Develop The Web Application Using Node-RED

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Team ID	PNT2022TMID00966
Project Name	<u>Real time river water monitoring and control system</u>

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 (connected) on the left, which branches into two function nodes: **Humidity** and **temperature**.
- The **Humidity** function node connects to a **humidity** output node and a **msg.payload** node.
- The **temperature** function node connects to a **temperature** output node and the same **msg.payload** node.

The right sidebar shows the **debug** console with a list of messages. Each message includes a timestamp (11/4/2022, 10:46:08 AM), a node ID (3fb1d3a16ac1b7df), and the payload (msg.payload : number). The payload values shown are 45, 29, 42, 36, and 73.

The bottom of the image shows the Windows taskbar with various open applications, including PDF files, a Node-RED installation file, and a project development file. The system clock indicates 10:49 on 04-11-2022.

