

Date	19 November 2022
Team ID	PNT2022TMID42279
Project Name	SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITAN CITIES
Maximum Marks	2 Marks

NodeRed Platform:

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

- Input:** A blue 'IBM IoT' node (connected) feeds into a 'guhan_ibm' node.
- Processing:** The 'guhan_ibm' node connects to a 'Notify' function node, which then connects to a 'show notification' node.
- Data Extraction:** The 'IBM IoT' node also connects to a 'msg payload' node, which then branches into several function nodes: 'Distance', 'Load', 'Latitude', 'Longitude', 'name', and 'location1'.
- Output:** The 'Distance', 'Load', 'Latitude', and 'Longitude' function nodes connect to a 'Map' node (connected 4).

The right-hand 'debug' console shows a series of messages received from the IoT sensor. The messages are in JSON format, containing sensor data such as 'Ultrasonic', 'Weight', 'lat', and 'lon'.

```

{
  "lat": 12.70655,
  "lon": 82.030996,
  "msg": {
    "payload": {
      "Ultrasonic": 29,
      "Weight": 41
    }
  }
}

```

The bottom of the image shows a Windows taskbar with various application icons and a system tray displaying the date and time as 14:12 on 15-11-2022.

27°C Cloudy Search ENG IN 19:02 14-11-2022