

DEVELOP THE WEB APPLICATION USING NODE RED

Date	18 November 2022
Team ID	PNT2022TMID11013
Project Name	Project - Signs with smart connectivity for Better road safety
Maximum Marks	4 Marks

Create Node Red Flow To Send Date to Device:

The screenshot displays the Node-RED web interface. The main workspace shows a flow starting with a 'Schedule' node (yellow) connected to a 'Send Message' node (blue). The 'Send Message' node is configured with a message of 'Date: ' followed by a date function node. The flow then branches into two parallel paths. The top path consists of a 'Temperature' node (blue) and a 'Humidity' node (blue). The bottom path consists of a 'Light' node (blue) and a 'LightOff' node (blue). Both paths converge into a single 'Merge' node (green). Below this, there is a 'Get Sensor Data' node (yellow) connected to a 'Set' node (yellow), which is then connected to a 'Function' node (orange). The right sidebar shows the 'Debug' console with a log of messages, including the date and sensor data. At the bottom, there is a blue bar labeled 'Light Control' with a 'Light sensor' label and two buttons: 'LIGHTON' and 'LIGHTOFF'.

```
graph LR
    Schedule[Schedule] --> Send[Send Message]
    Send --> Temperature[Temperature]
    Send --> Humidity[Humidity]
    Send --> Light[Light]
    Send --> LightOff[LightOff]
    Temperature --> Merge[Merge]
    Humidity --> Merge
    Light --> Merge
    LightOff --> Merge
    Merge --> GetSensorData[Get Sensor Data]
    GetSensorData --> Set[Set]
    Set --> Function[Function]
```

Light Control

Light sensor

LIGHTON

LIGHTOFF

Temperature



Humidity

