

## UTILIZATION OF ALGORITHMS, DYNAMIC PROGRAMMING ,OPTIMIZATION

Team ID	PNT2022TMID43251
Project Name	Smart waste management system for metropolitan cities

Step 1: Open Node red and pick and place blocks according to python script flow

Step2: Make sure necessary blocks are installed in Node Red

Step 3: After creating the flow click on deploy

Step 4: Output is displayed in Node-red Debug window

Step 5: Also, web UI can also be seen by the URL followed by/ui

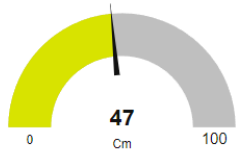
The screenshot displays the Node-RED web interface. On the left, the 'common' and 'function' node palettes are visible. The main workspace contains four parallel flows, each starting with an 'inject' node, followed by a 'function' node, then a 'msg.payload' node, and finally a 'load cell' node. The flows are connected to a 'debug' node on the right. The 'debug' node shows a log of messages, including 'alert: No need to collect right now' and 'undefined'.

## NODE – RED UI

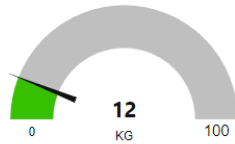
≡ control

control

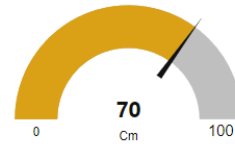
Distance 1



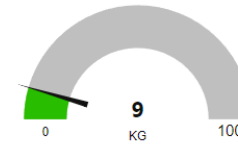
LOAD CELL 1



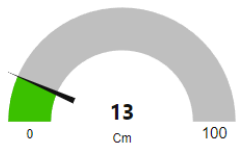
Distance 2



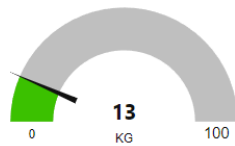
LOAD CELL 2



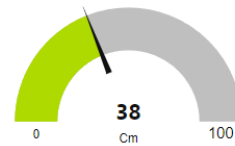
Distance 3



LOAD CELL 3



Distance 4



LOAD CELL 4

