

PROBLEM STATEMENT

Date	11 October 2022
Team ID	PNT2022TMID28587
Project Name	Smart Waste management system for Metropolitan cities.

Project Description:

- Garbage level detection in bins.
- Getting the weight of the garbage in the bin.
- Alerts the authorized person to empty the bin whenever the bins are full.
- Garbage level of the bins can be monitored through a web App.
- We can view the location of every bin in the web application by sending GPS location from the device.

PROBLEM STATEMENT:

Poor waste management ranging from non-existing collection systems to ineffective disposal -causes air pollution, water and soil contamination. Open and unsanitary landfills contribute to contamination of drinking water and can cause infection and transmit diseases. IoT-based smart sensors help you utilize smart bin sensor technology, which Track the location with real-time data. View fullness levels for creating daily optimized routes for collection.