# PROBLEM STATEMENT

As we have seen number of times the dustbins are getting overflown and concern person don't get the information within a time and due to which unsanitary condition formed in the surroundings, at the same time bad smell spread out due to waste, bad look of the city which paves the way for air pollution and to some harmful diseases around the locality which is easily spreadable.

The project aims to describe the level of garbage in the dustbins which is detected with the help of Sensor systems, and communicated to the authorized control room through GSM system. A microcontroller can be used to interface the sensor system with GSM system. A GUI is to be developed to monitor the desired information related to the garbage for different selected locations. This will help to manage the garbage collection efficiently.The network of sensors enabled smart bins connected through the cellular network generates a large amount of data, which is to be further analyzed and visualized at real time to gain insights about the status of waste around the city.