

## Proposed Solution for IOT Based Smart waste Management System for Metropolitan Cities

### Problem Statement

To develop economic waste management system for each village and city

### Idea

To seggregate the different types of wastes by using modern technologies

### Novelty

Trash talker, Image processing technique, using raspberry PI camera,pick up hand, conveyor belt ,hand sensor smart bins,giving notificaton by sector alarm

### Social Impact

By implementing this we can make our environment clean and control the spreading of infectious diseases from garbage

### Business Model

Image processing technique , Conveyor belt, pick up hand, Trash talker and sensors are used to separate the wastes , control the overflow of waste and gives alarm to the respective sector

### Scalability of solution

Access to reliable data on the state of different waste at different locations within the city will help both the local authorities and the citizens