

TEAM ID : PNT2022TMID30692

PROJECT OBJECTIVE

SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITAN CITIES

With the increasing population and industrialization of nations throughout the globe, production of waste has become a great concern for all of us. Over years, researchers found that only waste management is not enough for its proper treatment and disposal techniques to preserve our environment and keeping it clean in this era of globalization.

Researchers have developed Internet of Things (IoT)-based Smart Waste Management initiatives and solutions with the aid of technology, ensuring a reduction in the time and energy needed to deliver trash management services and lower waste generation.

Sadly, due to a variety of factors, including their socioeconomic environments, developing nations are unable to implement those existing solutions. Consequently, in this research we have focused on creating an intelligent IoT-based waste management system for developing nations like India that will ensure proper disposal, collection, transportation, and recycling of household waste with the least amount of resources that are readily available to us.