

ABSTRACT

Project name: SMART WASTE MANAGEMENT FOR METROPOLITAN CITIES

Team ID: PNT2022TMID05290

In most of the developing countries, due to the increasing population and industrialization, the indiscriminate disposal of solid waste poses serious threat to healthy living of the citizens. According to researches, in addition to the waste disposal, treatment it is equally important to ensure effective waste management. The efficiency is measured in terms of required amount of time and energy. In order to meet this effectiveness, we have developed a IoT based Smart Waste Management system for Metropolitan cities. Since the maximum resources can be exploited for developing this system on a large-scale urban center's i.e., Metropolitan cities are taken into consideration. This project concentrates on developing an integrated system that ensures proper, collection, transportation and recycling of household waste on an urban scale.