SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITAN

ABSTRACT

With the growing population and industrialization of nations around the world, the problem of waste has become a major concern for all of us. Over the years, researchers have realized that just disposing of the waste is not enough to protect our environment and keep it clean in this age of globalization. With the help of technology, researchers have introduced IoT-based solutions and smart waste management initiatives that ensure less time and energy is spent on waste disposal and reduce the amount of waste generated. Unfortunately, developing countries are unable to implement these existing solutions due to many factors such as the socioeconomic environment. Therefore, in this study, we focused on developing a smart IoT-based waste management system for developing countries such as INDIA that ensures proper disposal, collection, transportation, and recycling of the household waste with minimum available resources.