

Smart Waste Management System For Metropolitan Cities

Abstract

With an increase in the population, the assumption of neatness and cleanness with respect to waste management is corrupting enormously. The excess wastes in public places create unhygienic circumstances in the surrounding regions. It may lead to several disorders among the people staying in that particular region. It also defines the grade of that area how well the waste is managed. We, the people should take some initiative to make our environment green and clean along with technological support. The level of waste in bins can be detected by using some sensors, location can be fetched easily through some GPS modules. Currently, involved department workers are checking the level of garbage containers with large vehicles that consumes a lot of work and fuel. To avoid and to overcome these issues, a smart solution is needed that can be provided using the Internet of Things (IoT). This project goes through various smart ways to solve existing issues using IoT.