LITERATURE SURVEY

Team ID: PNT2022TMID17711

Project Title: Smart Waste Management
System For Metropolitan Cities

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SI:NO	TITLE OF THE PAPER	AUTHOR	METHODOLOGY	MERITS	YEAR OF PUBLICATION
1	IOT-Based route Recommendation for an Intelligent Waste Management System	Mohammad Hossein ghahramani	It also maintains a good diversity in a newly generated population.	The main drawback of the state of art was that it cannot appropriately model the association among spatial objects, consequently find an optimal route	2022
2	Smart waste bin Management	Parthasarathi Manickaraja	Uses the Ultrasonic sensor to level the dustbin and also uses the GSM module	Provides an alert message once the level has reached to the authority	2022
3	Blockchain for Waste Management in Smart Cities: A Survey	Raja Wasim Ahmad	Blockchain technology can be leveraged for managing waste within smart cities in a manner that is decentralized, temper-proof, transparent, traceable and trackable, auditable, secure and trustworthy.	The performance of blockchain is severely affected by large-scale business applications.	2021
4	Smart waste management using IOT	Tejashree Kadus	Technology used is a load cell and aWi-Fi module	Segregate the waste in the dustbin and provides and alert message	2020
5	Real time solid waste bin monitoring system framework using wireless sensor network	Thiyagapriyadharshini	Smart bin based on a microcontroller based platform Arduino which is interfaced with GSM module	Waste management efficiency and it avoids lumping of wastes	2019

6	Smart waste collection system	Muhamad JavedRamzan	Technology based on sensor based collection and usesroute algorithm	It identifies the status of waste bin levels along with the location to replace the bin	2018
7	Waste management and tracking	B Keerthana	Technology based on ZigBee.	Less expensive Lock based System with acknowledgment alert system	2017