LITERATURE SURVEY

team ID: PNT2022TMID43488

Project Title: Smart Waste Management System For Metropolitan Cities

SI:NO	TITLE OF THE PAPER	AUTHOR	METHODOLOGY	MERITS	YEAR OF PUBLICATION
1	Smart waste bin Management	Parthasarathi Manickaraja	Uses the Ultrasonic sensor to level the dustbin and also usesthe GSM module	Provides an alert message once thelevel has reached to the authority	2022
2	Smart waste management using IOT	Tejashree Kadus	Technology used is aload cell and a Wi-Fi module	Segregate the waste in the dustbin and provides and alertmessage	2020
3	Smart waste management systems using machine learning	David Rutgvist	Uses automated machine learning for areal life smart waste management	It focusses on problems of detection of emptying of a recycling containerusing sensor measurements	2019
4	Real time solid waste bin monitoring system framework using wirelesssensor network	Thiyagapriyadharshini	Smart bin based on a microcontroller basedplatform Arduino which is interfaced with GSM module	Waste management efficiency and it avoids lumping ofwastes	2019
5	Smart waste collection system	Muhamad JavedRamzan	Technology based on sensor based collectionand uses route algorithm	It identifies the status of waste binlevels along with the location to replace the bin	2018
6	Waste management andtracking	B Keerthana	Technology based on ZigBee.	Less expensive Lock based System with acknowledgment alert system	2017
7	Smart Recycle Bin	Mohd Helmy Abd Wahab, Aeslina Abdul Kadir	A Conceptual Approach of Smart Waste Management with Integrated Web Based System	At the time of trash disposal,the material to be recycled could be identified using RFID technology	2015