Date	01 November 2022
Team ID	PNT2022TMID05191
Project Name	Smart Waste Management System for Metropolitan Cities
Maximum Marks	

LITERATURE REVIEW

SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITAN CITIES

S. N O	TITLE OF THE PAPER	AUTHOR NAME	YEAR OF PUBLICATION	REMARKS	OUTPUT
1	Review Paper on Implementation of Automatic Waste Management System Using IOT & Android for Smart Cities	Pulkit Binda, Utkarsh Srivastava, Chirag Agarwal, Himanshu Gupta, Chhaya Sharma	May-2022	Good enough to prevent the garbage Overflow .	The system designed will influence people to categorize their waste on their own, and the municipal council will be able to collect it on a proper schedule with the notifications they receive from the smart dustbins when they are about to

					fill and overflow.
2	IIoT-BasedSmart Bin for Smart City Application	Shashank Mithinti; Aman Kumar; Shivani Bokadia; Suryansh Agarwal; Isha Malhotra; N. Arivazhagan	16 April 2020	Good enough to prevent the garbage Overflow.	The system calculates the shortest possible path including the selected bins and provides the bin'' real-time status The aggregated outcome of the above-mentioned system helps in magnifying the efficiency of work and in the reduction of time and cost to complete
3	Design of Smart Trash Bin	R P Chandra and Tawam	2020	Project costs complicated but this can be suitable for any kind of city or town and ensures proper	The mindset of the community in disposing of rash increased after the existence of the mart trash bin project. The

				collection and disposal of garbage	community became more interested in disposing of trash in the presence of unique designs and diverse functions of these high-tech bins.
4	Smart Garbage Monitoring System for Waste Management	Norfadzlia Mohd Yusof, Aiman Zakwan Jidin , and Muhammad Izzat Rahim.	2016	Good enough and ensures the partial is perfect waste managem ent and monitoring system	Improves the efficiency of solid waste disposal managemen t, especially in the flat residential areas, where the garbage piles at the bins are one of the residents' major concerns owing to its ability to continuously measure the garbage level in the bin and alert the municipality for

					immediate collection.
5	Smart BIN for a Smarter city Monitoring and Alerting for a Clean Environment	Kolachalama Venkata Naga Sreya; Rengarajan Amirtharajn; Padmapriya Praveenkumr	31 March 2022	Project costs complicated but this can be suitable for any kind of city or town proper disposal of garbage and leakage of hazardous gases are identified	A smart bin in an open environment that monitors the level of the bin controls the bin closure and an automatic lighting system for human detection during the night times. Furthermore, it alerts the officials on detecting hazardous gas leakages from the collected MSW (Municipal Solid Waste).
6	Real-time smart garbage bin mechanism for solid waste management in smart cities.	Sehrish Munawar Cheema, Abdul Hannan, Ivan Miguel Pires	17 august 2022	VGG16 is an algorithm that is used here that takes more time to run its parameter.	By adopting hybrid and decentralized computing models, we can reduce the delay factor and efficiently use

				computational resources. The overall accuracy of the trained algorithm is over 90%, which is quite effective.