Date	05 November 2022
Team ID	PNT2022TMID05290
Project Name	Smart Waste Management System for Metropolitan Cities
Maximum Marks	

LITERATURE REVIEW

SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITAN CITIES

S.NO	TITLE OF THE PAPER	AUTHOR NAME	YEAR OF PUBLICATION	REMARKS	OUTPUT
1.	IOT based smart waste bin monitoring and municipal solid waste management system for smart cities	Muhammed Irfan, Abdullah Saeed, Al Wadie , Adam	4-June/ 2020	Environmental Pollution. Improper collector and disposal mechanism	Collect the waste effectively. Detection of fire in waste material. Wirelessly connected with the central hub of transmit the info about the bins filling level with existing collection. Avoid the overflow of bins.
2.	A novel strategy for waste prediction using machine Learning	G.Uganya, D.Rajalakshmi, Arun Radhakrishnan Ramya, Yuvaraja teeka, -	10-Feb/ 2022	Low-cost Method High Accuracy Complicated method Because of using machine	Automatic method, predicting the possibility of waste things. The waste capacity,gas

	algorithm with IOT based intelligent waste management system	raman		learning algorithm	level, metal level monitored continuously Using IOT based dustbins. Tested by random forest algorithm gives the accuracy of 92.15% and give time consumptionsof 0.2 ms.
3.	System waste management	Arafat ali khan Farhana shetu Saimum bari Lawshik shikder	7-Jan /2021	Good enough to prevent the garbage overflow and ensures the partial is perfect waste management and monitoring system	Microcontroller, sensor, GSM are used in the system. This proposed system would have an automated waste level detection process and also a smart monitoring and overall management process.
4.	IOT based solar powered smart waste management system with real time monitoring an	Md.humaun Kabir,sujit roy, Md.tofail ahmed, Mahmudul alam	21-Oct /2020	Project costs complicated but this can be suitable for any kind of cities or town and ensures proper collection and disposal of	It enables real time monitoring of solar powered several smart bins located in different point in the city which are connected to control system through long

	advancement for smart city planning			garbage	range (LDRA) Communication device and also supervises the waste collection and disposal time using automated
5	Real time smart garbage bin mechanism for solid waste management in smart cities	Dominic Abuga N.S.Ragava	23-Oct /2021	Fuzzy logic is applied Hence real time decision making avoid real time monitoring	This mechanism proposed accesses real time information of any smart garbage bin deployed across the city and helps to resolve the problem of waste overflow from garbage bins and keeps cities clean.