Date	02 November 2022
Team ID	PNT2022TMID22857
Project Name	Project – Smart Waste Management System For Metropolitan Cities
Maximum Marks	

LITERATURE SURVEY

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	Smart garbage segregator and IOT based waste collector system	Mrigank goel, Amogh harsh goyal, Preeti dhiman, Vikas deep, Purshottam sharma	05-March/2021	All wet waste are not used for urban agriculture, organic farming.	It segregates the metallic dry and wet waste. It also convert that it can be further used in urban agriculture, organic farming. It alert the waste management Center through IOT system
					whenever any of the metallic or dry garbage Bins is full to avoid serious environment hazards
3	A novel strategy for waste prediction using machine Learning algorithm with IOT based intelligent waste management system	G.Uganya, D.Rajalakshmi, Arun Radhakrishnan Ramya , Yuvaraja teeka, -raman	10-Feb/2022	Low cost Method High accuracy Complicated method Because of using machine learning algorithm	Automatic method, predicting the possibility of waste things. The waste capacity ,gas level, metal level monitored continuously Using IOT based dustbins. Tested by random forest algorithm gives the accuracy of 92.15% and give time consumptions of 0.2 ms.