IDEATION PHASE
LITERATURE SURVEY

Date	3 September 2022
Team ID	PNT2022TMID05219
Project Name	Smart Waste Management System For Metropolitan Cities
Maximum Marks	4 Marks

SI:NO	TITLE OF THE PAPERT	AUTHOR	METHODOLOGY	MERITS	YEAR OF PUBLICATION
1	Smart waste bin Management	Parthasarathi Manickaraja	Uses the Ultrasonic sensorto level the dustbin and also uses the GSM module	Provides an alert message once the level has reached to the authority	2022
2	Smart waste management using IOT	Tejashree Kadus	Technology used is a load cell and aWi-Fi module	Segregate thewaste in the dustbin and provides and alert message	2020
3	Smart waste management systems using machine learning	David Rutgvist	Uses automated machine learning for a real life smart waste management	It focuses on problems of detection of emptying of a recycling container using sensor measurements	2019

4	Real time solid waste bin monitoring system framework using wireless sensor network	Thiyaga priya dharshini	Smart bin based ona microcontroller based platform Arduino which is interfaced with GSM module	Waste management efficiency and itavoids lumping of wastes	2019
5	Smart waste collection system	Muhamd JavedRamzan	Technology based on sensor based collection and uses route algorithm	It identifies the status of waste bin levels along with the location to replace the bin	2018
6	Waste management and tracking	B Keerthana	Technology based on ZigBee.	Less expensive Lock based System with acknowledg mentalert system	2017
7	Smart Recycle Bin	Mohd Helmy Abd Wahab, Aeslina Abdul Kadir	A Conceptual Approach of Smart Waste Management with Integrated WebBased System	At the time of trash disposal, the material to be recycled could be identified using RFID technology	2015