LITERATURE REVIEW

S.No	TITLE & AUTHOR	YEAR	METHODOLOGY USED	ADVANTAGE	DRAWBACK
1.	IOT-Based Solid Waste Management Prof.Aderemi A.Atayero, Rotimi Williams, Segun I.Popoola, Sanjay Misra	2019	Internet Of Things and Cloud Computing	It provides autonomous power supply and helps to save more energy	Not appropriate in certain conditions
2.	Smart Waste Management System using IOT Tejashree Kadus, Pawankumar, NirmalKartikee, Kulkarnee,	April 2020	This is based on Automation in Waste Management System and Smart netbin with Wifi connection is used.	Provides practical solution for managing waste and provides free internet for a specific time once the trash is dumped into the bin.	Improper disposal and maintenance of domestic waste
3.	Smart Solid Waste Management System using IOT M.P. Suresh Kumar, S.Pavithran	November 2019	Shortest path spanning Tree Algorithm	The data stored in the server helps to compute optimized collection route for the workers.	Less collaborations between public and private stakeholders.
4.	Smart Waste Management :Garbage Monitoring using IOT Mrs Sarmila SS, Siva Kumar V, Vasanth Kumar P K	April 2018	Arduino UNO,Sensors like Ultrasonic Sensor and Gas Sensor.it employs duty cycle technique.	Reduces human interventions, time and effort,	Improper working of sensors.
5.	IOT based Waste Collection System using IR sensors Abhimanyu Singh,	April 2020	Azure Machine Learning System	The proposed method can easily provide information. It helps the	It relies in real time generated data and collection of waste.

	Pankhuri Aggarwal, Rahul Arora			company to effectively route the collection of garbage.	
6.	Waste Segregation System using Artificial Neutral Networks Seema Singh, Mamatha K R, Anusha N, Susmi Zacharia	2018	Classification using Convolutional Neutral Networks	It helps to achieve segregation of waste by reducing human interventions.	No physical mechanical device to categorize wastes into different bins.
7.	Automatic Waste Segregator and Monitoring System Aleena V J, Kavya Balakrishnan,	2020	This method uses Ultrasonic sensor and induction sorting	Sorting of waste at the primary stage will make waste management more effective.	It is very costly, Waste separation is time consuming.
8.	Intelligent Waste Separator(IWS) Oscar Rodea-Aragon, Omar Longoria-Gandara, Andres Torres Garcia	2019	Machine Learning was used here.	Avoids mixing waste in a bin, fewer ratio of error.	Capacity of waste separator do not allow in obtaining information and the response is slow.
9.	Automated Waste Segregation System using Arduino Rosmi T.B, Sreejith S	2021	Arduino IDE is used here	This system separate the waste into magnetic and wet category.	Hardware failure can occur.
10.	Smart Garbage Dustbin Shephali Rakhunde, Shreya Ghavghave, Shraddha Jagtap	2022	Microcontrollers along with some sensors are used.	Monitors the garbage bin and informs about the level of garbage collected in the bins.	Improper working of sensors