

# LITERATURE

Date	26 October 2022
TeamID	PNT2022TMID20979
ProjectName	Smart Waste Management System For Metropolitan Cities
MaximumMarks	2 marks

## Literature Survey

AUTHOR	DESCRIPTION	PAPER TITLE	YEAR
Willie Doaemo, Sahil Dhiman, Alexander, Borovskis, Wenlan Zhang, Sumedha Bhat, Srishti Jaipura, Mirzi Betasolo	3 core waste management hierarchy system (3CWMH). The primary collection of MSW will create new jobs.	Assessment of municipal solid waste management system in Lae city	2021
Mr. Sandeep Bhatia, Mr. Vinay Ahlawat, Dr. Soniya Verm	Intelligent garbage management system. It reduces environmental pollution	An IoT Enabled Smart Garbage Management System for Effective Waste Utilization Strategy in Cities	2022
Parthasarathi Manickaraja	Uses the Ultrasonic sensor to level the dustbin and also use the GSM module. Provides an alert message once the level has reached to the authority	Smart waste bin Management	2022

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Ms.K.Aiswarya Assistant Professor/ECE, SRM TRP Engineering College	System in which Smart bin it integrates the idea of IoT with wireless sensor network. a single location instead of four bins for the four different types of garbage, one large bin can be placed.	IoT Based Smart Garbage And Clearance System	2022
Thiyagapriyadharshini	Smart bin based on a microcontroller basedplatform Arduino which is interfaced with GSM module Waste management efficiency and it avoids lumping of wastes	Real time solid waste bin monitoring system framework using wireless sensor network	2019
Dipak S. Gade & P. S. Aithal Post Doctoral Research Scholar, Department of Computer Science and Engineering, Srinivas University, Mangalore, India	Dedicated websites for Smart Waste Management. It is highly recommended to develop the fullfledged system as per stated requirements and building blocks.	Smart City Waste Management through ICT and IoT driven Solution	2021
Nayan Patel, Omkar Mugdum, Tirthesh S. Pawar, Deepshikha Chaturvedi, Shashikant S. Radke	Smart Dual Dustbin Model for Waste Management in Smart Cities . users with metro smart cards can easily access these bins	Smart Garbage Bin – A Waste Management System	2020
S.Loganayagi, C.Jeyabharathi	The dustbins are organized at various places. The smart clean dustbin is associated with web . Automatic sensing system is designed using efficient status of dustbin monitoring system	Development of an IoT System for Efficient Classification and Management of Solid Waste in Indian Cities	2019

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AUTHOR	DESCRIPTION	PAPER TITLE	YEAR
Mohd Helmy Abd Wahab, Aeslina Abdul Kadir	A Conceptual Approach of Smart Waste Management with Integrated Web Based System At the time of trash disposal,the material to be recycled could be identified using RFID technology	Smart Recycle Bin	2015
David Rutgvist	Uses automated machine learning for areal life smart waste management It focusses on problems of detection of emptying of recycling containerusing sensor measurements	Smart waste management systems using machine learning	2019