SMART WASTE MANAGEMNET SYSTEM FOR METROPOLITAN CITIES

LITERATURE SURVEY

TEAM ID : PNT2022TMID20132

PAPER TITLE	AUTHOR	OUTCOME
Actuator Networks Sensor and IoT-Based Solid Waste Management Solutions: A Survey	1) Kellow Pardini 2) Joel Rodrigues	The scientists also suggested the technique for management and disposal of garbage, in which the garbage bin had been made to interface and connect with a system which was based on microcontroller and also had IR systems along with a main system that clearly displayed the current weight and level of the waste in the bin.

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Waste Management by a Robot- A Smart and Autonomous Technique	1)Shikha Parashar 2)Pankaj Tomar	Smart waste management or more fully, smart municipal waste collection and management refers to the process of municipal waste collection, disposal, recycling and landfill .
Automatic Waste Segregator as an integral part of Smart Bin for waste management system in a Smart City	1)Chander Partap Singh 2)Manisha	For this reason, IoT infrastructures enable to manage the waste collection efficiently. Recent studies utilize the IoT devices placed in the garbage which are connected to the server through LowPower Wide Area Networks (LPWANs) like SigFox, LoRa, and NB-IoT

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IoT-Enabled Intelligent Solid Waste Management System for Smart City: A Survey	Swati Dewangan	Smart waste bins have using sensors to monitor the empty space in bins. Then, with the aim of Internet of Things, they are employed to efficiently organize collection routes .

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Waste management in urban environments: insights of the citizens' views in a densely populated municipality in Greece	1)Paraskevi Karanikola 2)Stilianos Tampakis	In a literature review for smart waste management and a comparison of the different methodologies is given. The authors focus on the IoT, considering its elements (identification, sensing, communication, computation, semantics, and services) and how the IoT can be used effectively to manage solid waste.