SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITAN CITIES

LITERATURE REVIEW:

SI. NO	TITLE	AUTHOR & YEAR	DESCRIPTION
1.	Smart Waste Management using WSN and IOT	Sivasankari, Bhanu Shri, Y.Bevish Jinila 2017	In this paper, they use Wireless Sensor Networks and IOT. The garbage bins are deployed with sensors and are networked together using WSN. The sensors deployed in the garbage bins collect the data for every determined interval. Once the threshold is reached, it raises a request to the GCA (garbage collector agent). This agent collects the requests of all the filled vehicles and communicates using the IoT framework.
2.	Smart Waste Management System using IOT	Tejashree Kadus, Pawankumar Nirmal, Kartikee Kulkarni 2020	In this paper, they use an Arduino board interfaced with a load sensor, an IR sensor, and a wifi module instead of a PIR sensor and an ultrasonic sensor. In addition to electrical components, they use mechanical components like the load sensing plate and shredder to crash the trash and then measure the load.
3.	Smart Waste Management System	Bindushree, Manasa, Sanjana Rao, Vidhyashree T, Gowra PS 2021	In this paper, they use sensors, which include an IR sensor for detecting the presence of any waste and a soil moisture sensor to detect whether the waste is dry or wet. The emphasis is primarily on waste segregation, followed by analysis via the website.