INTERNET OF THINGS

Smart waste Management System for Metropolitician Cities

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LITERATURE REVIEW

T.Sinha,R.M Sahuother : IOT Based smart garbage system

IoT Based Smart Garbage Systemwhich indicates directly that the dustbin is filled to a certain level by the garbage and cleaning or emptying them is a matter of immediate concern. This preventslumping of garbage in the roadside dustbin which ends up giving foul smell and illness to people. The design of the smart dustbin includes a single by ultrasonic sensor which configured with Arduino Uno with this research ,it is sending SMS to the Municipal Council that particular dustbin is to overflow

Shaik Vaseem Akram,Rajesh Singh: Raspberry pi-based smart waste management system using Internet of Things.

Nowadays it is becoming a difficult task to distinguish wet and dry waste. The new waste management system covers several levels of enormous workforce. Every time labourerSmust visit the garbage bins in the city area to check whether they are filled or not. The data communicates to the cloud server for real-time monitoring of the system. With the real-time fill level information collected via the monitoring platform, the systemreduces garbage overflow by informing about such instances before they arrive.

Sanjiban Charkraborty : Smart Waste ManagementSystem.

This Waste management is one ofthe serious challenges of the cities,the system now used in cities, we continue to use an old and outmoded paradigm that no longer serves the entail of municipalities, Still find over spilled waste containers giving off irritating smells causing serious health issues and atmosphere impairment.

Mohd Helmy AbdWahab: Smart Solid Waste Management.

At the time of trash diposal,the material to be recycled could be identified using RFID technology…

Ranjeet Kumar,Sandeep Chhabra: Analysis of Load cell.

Load Cells 4.1 General Load Cellrelated information A load cell is meant to measure the size of a mass but actually is a force sensorwhich transforms force into an electrical signal. The load cell needs the earth gravity to work.Every mass is attracted by the earth gravimetric field, that forceis named “load”.

recovered, to provide end users with traffic analysis and provide useful predictions.

Nikhita Reddy Gade, et.al. (2016) : Today the world is connected. The number of devices that are connected are increasing day by day. Many studies show that about 50 billion devices will be connected in 2020 indicating that Internet of things has a very important role to play in the future to come paper. We need to act fast and meet these needs by developing technologies that cater to the world's problems. One such solution is the development of a smart world. The most important application of the IO are smart cities. In recent years, the concept of smart city has played an important role in both academic and industry fields, with the progress and functioning of various middleware platforms and infrastructures based on IO.