| PAPER TITLE | AUTHOR | OUTCOME |
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| Smart waste management using internet of things | 1) K.N.Fallaivi<br>2) V.R. kumar<br>3) B.M. Chaithra<br><br>Published:<br><br>2017 international Conference on I-SMAC(IOT in Social ,Mobile ,Analytics and Cloud) | At present solid waste management is a major concern in the metropolitan cities of the developing and developed countries. As the population is growing, the garbage is also increasing. This huge unmanaged accumulation of garbage is polluting the environment, spoiling the beauty of the area and also leading to the health hazard. In this era of Internet, IOT (Internet of Things) can be used effectively to manage this solid waste. In this paper, we have discussed the definition of Internet of Things and its elements, testing and prototyping tool cooja simulator and finally the study of various literatures available on smart waste management system using IOT. |
| Raspberry pi-based smart waste management system using IOT | 1)SK. Vasem Akram<br>2)Rajesh Singh | In the resent days 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 labourers must 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 system reduces garbage overflow by informing about such instances before they arrive. |

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| Smart Waste Management System. | 1) Fachmin Folianto<br>2) Yong Sheng low<br>3) W.yeow<br><br>Published:<br>2015 IEEE tenth international conference on intelligent sensors | This Waste management is one of the serious challenges of the cities,the system that identifies fullness of litter bin. The system is designed to collect data and to deliver the data through wireless mesh network. The system also employs duty cycle technique to reduce power consumption and to maximize operational time. The Smartbin system was tested in an outdoor environment. Through the testbed, we collected data and applied sense-making methods to obtain litter bin utilization and litter bin daily seasonality information. With such information, litter bin providers and cleaning contractors are able to make better decision to increase productivity. |
| Smart Solid Waste Management. | 1) Mohammad Helmy Abd Wahab. | At the time of trash disposal ,the material to be recycled could be identified using RFID technology. |
| Analysis of Load cell. | 1) Ranjeet Kumar<br>2) Sandeep Chhabra | Load Cells : General Load Cell related information A load cell is meant to measure the size of a mass but actually is a force sensor which 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 force is named “load”. |