LITERATURE REVIEW

| PAPER TITLE | AUTHOR | OUTCOME |
|--------------------------|----------------------|-------------------------------------|
| Raspberry pi-based smart | 1)Shaik Vaseem Akram | Nowadays it is becoming a |
| waste management | 2)Rajesh Singh | difficult task to distinguish wet |
| system using Internet of | | and dry waste. The new waste |
| Things. | | 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. |
| IoT Based Smart Garbage | 1) T.Sinha 2) R.M | IoT Based Smart Garbage |
| System. | Sahuother | System which 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 |
| | | prevents lumping 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. |

| Analysis of Load cell. | 1) Ranjeet Kumar 2) | Load Cells 4.1 General Load |
|------------------------|--------------------------|-------------------------------------|
| **** | Sandeep Chhabra | 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". |
| Smart Solid Waste | 1) Mohd Helmy Abd | At the time of trash diposal,the |
| Management. | Wahab. | material to be recycled could |
| | | be identified using RFID |
| | | technology. |
| Smart Waste | 1) Sanjiban Charkraborty | This Waste management is |
| Management System. | | one of the 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. |