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| **PAPER TITLE** | **AUTHOR** | **OUTCOME** |
| Design a Smart Waste Bin for Smart Waste  Management | Aksan Surya Wijaya ,  Zahir Zainuddin ,  Muhammad Niswar. | Our proposed smart waste-bin system can be adapted into general waste-bin and it consists of the sensing units, a blue tooth and GSM Module for data transmission, and a mobile application and web-based monitoring for interfacing and communication with the waste department for waste management.Load cell is a measuring device used to measure loads  either directly or indirectly. To measure the level of waste in the waste-bin we used ultrasonic sensor attached in the top side of waste-bin. A GSM module is used to communicate with server. |
| Smart Waste Management System using IOT | Tejashree Kadus , Pawankumar Nirmal ,  Kartikee Kulkarni | Smart net bin a normal dustbin elevated using a microcontrollerbased platform Arduino UNO board interfaced with Load sensor  and Wi-Fi module.it consists of 2 main modules the mechanical designed components and the electric components. The mechanical components consist of shredder and the load sensing plate while the electric components consist of various  components that are the Arduino Loadcell, LCD Display screen, IR Sensor, Amplifier, Relay  module, Wi-Fi Router. When the user dumps the trash into the dustbin the trash will be  first crashed within the shredder and the shredded trash will the get collected onto the load sensing plate present in the dustbin. |
| Smart Waste Management System using IoT | Prof. S.A. Mahajan, Akshay Kokane, Apoorva Shewale, Mrunaya Shinde , Shivani Ingale, | The proposed architecture will have a master slave configuration of dustbins. This would overcome the connectivity issues in remote areas. These slave dustbins communicate their information with their corresponding master dustbins. Each master dustbin shall be equipped with a micro-controller |
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