**M. Bhuvaneswari; K. Tansin; S. Tazmeel Ahamed; N. Tharun Sri Ram; S. Venu Prasath. Internet of Things based Intelligent Waste Segregation and Management System for Smart Home Application 2022 7th International Conference on Communication and Electronics Systems (ICCES)**

The waste segregation and the disposal mechanisms are the sever problems come across in smart cities, which the negative impact in our society and health of human beings. The trash bin monitoring and the control of it has been carried out through the help of microcontroller in this project work. An IoT enabled smart trash bins will utilizes a microcontroller with the help of multiple sensors will control the entire process. The collection of waste is monitored by setting up a training models based on Deep Learning. The GUI will track the unfilled level of each trash bins.

**B R Santhosh Kumar; N Varalakshmi; Soundarya S Lokesh Wari; K Rohit; Manjunath; D N Sahana-friendly IOT based waste segregation and management,2017 International Conference on Electrical, Electronics, Communication, Computer and Optimization Techniques (ICEECCOT)**

The author proposed that there was a lack of knowledge about the segregation of the waste which are in domestic level. The majority of the problem is due to improper waste management system that leads to health hazards to the Man kind (human beings), environmental issues etc. That leads to the unhealthy environment and atmosphere for the survival. Segregation of waste in junk yards is a tedious and more time-consuming process hence the recycling of the waste is not effectual. These drawbacks should be overcome by proper waste management at domestic level

**Pallavi K N; Dr. Ravi Kumar V; Chaitra B.M. Smart Waste Management using Internet of Things: A Survey International conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud)**

The author proposed that the present solid waste management is concern in metropolitan cities of developing and developed countries. As the population of the people is increasing, the amount of the garbage used by people also increasing. This unmanaged accumulation of huge garbage is polluting the environment, spoiling the environmental beauty of the surroundings and causes health hazards. In case of the IOT (Internet of Things) can be used effectively to manage this wase.