

# REPORT 2

## PROJECT TITLE :

SMART WASTE MANAGEMENT SYSTEM FOR METROPOLITAN CITIES

## DOMAIN : IOT

## TEAM MEMBERS:

1. Indhumathi S
2. Kodali Gireeshma Chowdary
3. Meena M
4. Iswarya S P

## MENTOR NAME :

Banupriya N

### 1. Literature survey on the selected project & Information Gathering.

#### Paper 1:

A Survey on Garbage Collection and Monitoring System for Smart cities using IOT

#### Publisher:

Dept of Computer Engineering, Terna Engineering College, Nerul, Navi Mumbai

#### Reference:

<https://www.irjet.net/archives/V5/i2/IRJET-V5I2118.pdf>

#### Paper 2:

IOT enabled solid waste management in smart cities

#### Publisher:

S. Vishnu 1 , S. R. Jino Ramson 1,2,3,\* , Samson Senith 4 , Theodoros Anagnostopoulos 5 , Adnan M. Abu-Mahfouz 6 , Xiaozhe Fan 2 , S. Srinivasan 3 and A. Alfred Kirubaraj 4

**Reference:** <https://www.mdpi.com/2624-6511/4/3/53/pdf>

#### Paper 3:

IOT enabled intelligent solid waste management system for smart city : a survey

#### Publisher:

<https://www.semanticscholar.org/paper/IoT-Enabled-Intelligent-Solid-Waste-Management-for-De-wangan/6fbe2679732dbcff5132ed75114137e00dcc53beisher>:

#### Reference:

<https://www.irjet.net/archives/V5/i2/IRJET-V5I2118.pdf>

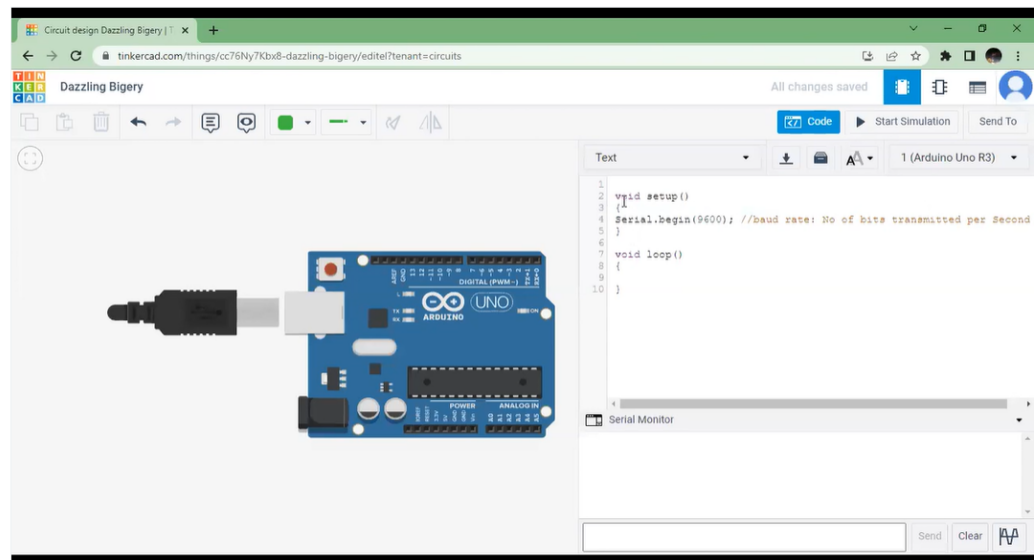
## 2. Attended the technology training as per the training calendar.

### IoT Course Objectives

On completion of the 40 hours course the learner will be able to:

- Know the basis of Internet of Things
- Have knowledge of Building blocks of IoT
- Able to Design IoT Devices
- Able to communicate IoT Devices using various protocols
- Understand Cloud protocols
- Know about Computer Vision using Python

### IoT - B4 - 4M6E (Morning Session) - Day 1



### IoT-B4-4M6E(Evening Session)-Day-2

