Abstract

Our nation is trying to make cities smart, change the quality of life, and modify the city assets. Government is mainly focused on people satisfaction about such development. I. e. These all development must meet to residency requirements. Internet of thing is one paradigm which helps in making our nation smart. Smart city is one of the concepts of Internet of Things (IOT). The proposed system consists of two models of smart city, water distribution supply and garbage collection management. The proposed System is to develop the first module water distribution supply using sensors and valve and The proposed system keep records of flow rate by using which the system will change the state of water flow on or off automatically. The proposed system is to implement garbage collection management using Microcontroller,
Sensors and GSM module. Sensors will check whether the dustbins are fully filled and microcontroller send indication message to garbage collector using GSM module.

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**Index Terms**

Computer Science

Information Sciences

**Keywords**

Transistors  Resisters  Led  Jumper Wires Microcontroller  Bread Board  Disk
Capacitor
Gsm
Ir Sensor
Usb Cable
Servo Motor.