Field of project

Information Technology, Internet Of Things, Electronics and Communication, Automation

Background

“Smart City” IOT Project is about automation of some places that are in the city like Parking system, Street light, Waste Management, Water Supply for home or public tanks to promote cities that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment.

Summary

In Smart Cities people live standard lives and do all the normal stuff with the help of latest technology trends like machineries, robotics and Information Technologies.Smart City Project provide following services

* Smart Waste Management
* Automatic Street Light
* Smart Parking System
* Smart Water System
* Smart city Project will also provide Mobile Application and Website to the users of city to make them allow to observe the environment around them.
* Using this project people can save their time, water, electricity and also make their city clean which helps to provide core infrastructure and gives decent quality of life to it's citizens, a clean and sustainable environment.

Objects

* The Smart City project will give Quality life to the people of city and make their life more easy and convenient.
* Using this project people can save their time, water, electricity and also make their city clean which helps to provide core infrastructure and gives decent quality of life to it's citizens, a clean and sustainable environment.

Descriptoion

“Smart City” is an IOT based project. The internet of things can be used to build a smart city in which all the places/modules in smart city are interconnected with each other with IOT components for efficient usage of resources.

Smart city can have smart parking system, smart waste management, smart water supply for home or public water tanks, automatic street light, etc.

Our project is about managing different modules that are used in daily routine like different corporate department

Smart waste management:- This system sense the current status of the dustbin and send appropriate signal to the dumping station.

Automatic Street Light system:- In this system the movements in area is detected and according to that the intensity of the street light will vari.

Smart Parking System:- In Smart parking system if the parking slots are full then it will not allow to enter and if it is not full then only it will allow to enter.User can observer the status of parking area through website or lcd display.

Smart Water Distribution:- In smart water system if water tank is empty then it will turn on water motor automatically and if it is full then it will automatically turn off the motor.User can also observer the level of water tank through website.

Claim

“Smart City” Project is about automation of some places that are in the city like Parking system, Street light, Waste Management, Water Supply for home or public tanks to promote cities that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment.

* Using this project people can save their time, water, electricity and also make their city clean which helps to provide core infrastructure and gives decent quality of life to it's citizens, a clean and sustainable environment.

Abstract

Smart City is an IOT based project. Internet of things can be used to build a smart city in which all places in a smart city are interconnected with each other with IOT component for efficient usage of resources.

Smart city can have smart parking system, smart waste management, smart water supply for home or public water tanks, automatic street lights any many other things.

Smart city project is about managing different modules that are used in daily routine like different corporate department of city automatically by using Information Technology, Digital Electronics and some help of Electronic Engineering.

Through this people can save their time, water, electricity and also make their city clean which helps to provide core infrastructure and gives decent quality of life to it's citizens, a clean and sustainable environment.