Bluetooth Based Device Automation System
In this report, we have proposed a low cost, flexible secure automation system that can easily control TV, tube lights and fans from android based mobile phone using Bluetooth. Here HC-05 Bluetooth module and 8-bit microcontroller atmel89s52 is used for switching.

Bluetooth based home automation system using android phone

Bluetooth Based Device Automation System Using Cellphone
Imagine that you can control the electronic appliances of your home from anywhere inside the house, just using your Smart phone. In this project, we will use wireless Bluetooth technology to control the Home Electronic Appliances through a Android Phone. Bluetooth has a range of 10-15 meters, so that ...

Bluetooth Controlled Home Automation System Using 8051 ...
The past decade has seen significant advancement in the field of consumer electronics. Various ‘intelligent’ appliances such as cellular phones, air-conditioners, home security devices, home ...

(PDF) Bluetooth based home automation system
Bluetooth Controlled Electronic Home Appliances is a simple project, where we can control different electrical appliances and electronic devices using an Android device with the help of Bluetooth Technology.

Bluetooth Controlled Electronic Home Appliances
A smartphone application is used in the suggested system which allows the users to control up to 18 devices including home appliances and sensors using Bluetooth technology. Nowadays, most of conventional home automation systems are designed for special purposes while proposed system is a general purpose home automation system. Which can easily be implement in existing home. The suggested ...

Smart home automation system using Bluetooth technology ...
Such system can be tested, if multiple Bluetooth devices are available. The HAP is independent of the lower level Bluetooth protocols, is designed to work in a piconet of Bluetooth devices. 6. Conclusions and recommendations. The objective of this proposal was to develop a home automation system based on Bluetooth wireless technology. The result is the HAP, which allows the user to monitor and control different appliances connected over a Bluetooth network in home environment. The system has ...

Bluetooth based home automation system - ScienceDirect
The Bluetooth module used in this project is HC-05 Linvor Bluetooth module. It is an easy- to-use Bluetooth serial port protocol (SPP) module, designed for a transparent wireless serial connection set-up.

Home Automation Using Bluetooth: 7 Steps
Automation is a technique, method, or system of operating or controlling a process by electronic devices with reducing human involvement to a minimum. The fundamental of building an automation system for an office or home is

Bluetooth Based Smart Automation System Using Android
a low cost, tangible, flexible device automation system depending on secure cell phone[6]. Lia Kamelia, et al, are proposed and prototyped a system called door locks automation system using Bluetooth-based Android Smartphone. [7]. D.Jaya Sree and M.Jhansi Lakshmi are presents the design of Home
Bluetooh Based Smart Home Automation System ... - iasj.net
The past decade has seen significant advancement in the field of consumer electronics. Various 'intelligent' appliances such as cellular phones, air-conditioners, home security devices, home theatres, etc. are set to realize the concept of a smart home.

Bluetooth based home automation system - ScienceDirect
Hardware devices and components - Arduino board Bluetooth module Relay board Ac supply source Dc supply source Connectting wire Header ( male and female )

Bluetooh based home automation system
Arduino based home automation using Bluetooth project helps the user to control any electronic device using Device Control app on their Android Smartphone. The android app sends commands to the controller - Arduino, through wireless communication, namely, Bluetooth. The Arduino is connected to the main PCB which has five relays as shown in the block diagram. These relays can be connected to ...

Arduino based Home Automation using Bluetooth
Bluetooth Based Home Automation and Security System Using ARM9 D.NARESH1, B.CHAKRADHAR2, S ... between the ARM7 and ARM9 with Bluetooth device. The home appliances are connected to the input / output ports of the embedded system board and their status is passed to the ARM7. We would develop an authentication to the system for authorized person to access home appliances. The device with low ...

Bluetooh Based Home Automation and Security System Using ARM9