WIRELESS PROJECTS

1. Design CO2 and Illumination Wireless Sensor Modules for Intelligent Energy-Saving System
2. Wireless black box using MEMS accelerometer and GPS tracking for accidental monitoring of vehicles
3. Wireless & Pyroelectric Sensory Fusion System for Indoor Human/Robot Localization & Monitoring
4. Building Lighting Automation through the Integration of DALI with Wireless Sensor Networks
5. Bus Monitoring System Based on ZigBee and GPRS
6. Distributed and Remote Control - Based on Smart House
7. A Model Driven Software Framework for Zigbee based Energy Saving Systems
8. Metal mine underground safety monitoring system based on WSN
9. Using camera-equipped mini-UAVS to support collaborative wilderness search and rescue teams
10. An industrial PDA design for intelligent transportation system based on Zigbee technology
11. Centralized heart rate monitoring telemetry system using ZigBee wireless sensor network
12. Integrating smart cameras into ZigBee
13. Design of integrated mine safety monitor system based on ZigBee
14. The Study for Application of ZigBee Location Tracing Monitoring System for ATM Device Theft
15. A Zigbee-Based Wearable Physiological Parameters Monitoring System
16. Client-server based transmission scheme over GSM network for MEDTOC with patient classification
17. Telehealth-based collaboration among primary and behavioral health care providers in rural areas
18. Robust heart rhythm calculation and respiration rate estimation in ambulatory ECG monitoring
19. Remote monitoring of vital signs in patients with Chronic Heart Failure: Sensor devices and data analysis perspective
20. A Fast and Easy-to-Use ECG Acquisition and Heart Rate Monitoring System Using a Wireless Steering Wheel
21. XBee wireless sensor networks for Heart Rate Monitoring in sport training
22. Physiological Parameter Monitoring from Optical Recordings With a Mobile Phone
23. A wireless surveillance and safety system for mine workers based on Zigbee
24. Development and Evaluation of an Ambulatory Stress Monitor Based on Wearable Sensors
25. A Zigbee-Based Wearable Physiological Parameters Monitoring System
28. Automatic Ambulance Rescue System
29. Analysis and implementation of a wireless sensor network with remote access through SMS
30. Architecture of remote vital signs acquisition based — GPS
31. An Intelligent Food-Intake Monitoring System Using Wearable Sensors
32. INDOOR POSITIONING SYSTEM using ultrasonics
33. A human detection method for residential smart energy systems based on Zigbee RSSI changes
34. Realization of intelligence monitoring system based on remote sensor technology
35. Design and Implementation of Wireless Obstacle Detection System for Safe Locomotion
36. Remote management and control system for LED based plant factory using ZigBee and Internet
37. ZigBee based energy efficient outdoor lighting control system
38. Low-cost, high-accuracy, state estimation for vehicle collision prevention system
39. A design for wireless access control system based on ZigBee
40. Speech recognition based wireless automation of home loads with fault identification for physically challenged
41. Implementation of discontinuous heating for heat-saving in “intelligent home”
42. A smart energy meter architecture in Indian context
43. Wireless communication solutions for distributed strain measure systems in mechanical structures
44. A Ubiquitous Homecare Service System Using a Wearable User Interface Device
45. The water quality monitoring system based on WSN
46. Home healthcare self-monitoring system for chronic diseases
47. A Low Power Wireless Sensor Network for Gully Pot Monitoring in Urban Catchments
48. A USN based Automatic waste collection system
49. Intelligent wireless street lighting system
50. Performance of wireless real-time system for ECG monitoring in hospitals
51. Wireless Sensor Network on board vessels
52. GasMon: A Sensor Network System for Residential Building Gas Leak Monitoring
53. Design of intelligent home appliance control system based on ARM and ZigBee
54. Evaluation of a wireless in-shoe sensor based on ZigBee used for drop foot stimulation
55. Design of Automatic Meter Reading based on Zigbee
56. Design of intelligent home appliance control system based on ARM and ZigBee
57. Design of remote intelligent home system based on ZigBee and GPRS technology
58. A Zigbee-Based Wearable Physiological Parameters Monitoring System
59. Parking spaces detection in indoor environments based on Zigbee
60. Design of Automatic Meter Reading based on Zigbee
61. In-building lighting management system with wireless communications
62. Research and design about intelligent transfusion guardianship based on wireless sensor network
63. Intelligent energy management system for smart offices
64. Energy saving project for heating system with ZigBee wireless control network
65. Wireless ECG Monitoring and alarm System Using ZigBee
66. EDA based automatic detection of epileptic seizures using wireless system
67. Prototype of RF Based Station Intimation / Coach Status Information and Control System
68. PIR-sensor-based lighting device with ultra-low standby power consumption
69. The design and implementation of intelligent campus security tracking system based on RFID and ZigBee
70. Design of safety equipment for railroad level crossings using laser range finder
71. Secure Cash Withdrawal through Mobile Phone
72. RFID based Ration card
73. A Novel design of Electronic Voting System Using Fingerprint
74. A Bluetooth based architecture for android communication with an articulated robot