

www.svsembedded.com **SVSEMBEDDED** info@svsembedded.com,
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**INNOVATIVE & APPLICATION ORIENTED PROJECTS ON
SVSEMBEDDED SYSTEMS
LATEST IEEE PROJECT TITLES (BASED ON 8051/ARM7/AVR)**

This list Includes the projects on Application oriented projects:

Smart phones	Android phones	TFT color LCD	ARM9
Touch screen	Ethernet	MEMS	Audio Codec (MP3)
Bio-Metric	Smartcard	MMC/SD	Zigbee
Bluetooth	RF-ID	CAN	USB
Voice	Nokia3310	I-Button	DTMF
GSM/GPRS	GPS	Wi-Fi	RF
Robotics	IR	PC	GLCD

IEEE 2011 PROJECTS (ARMCortex M3/ARM7LPC2148/AVR):

1. A Forest Fire Monitoring System Based on GPRS and ZigBee Wireless Sensor Network
2. A GSM, Internet and Speech Controlled Wireless Interactive Home Automation System
3. A Note on Fingerprint Recognition Systems
4. A Novel Light-Sensor-Based Information Transmission System for Indoor Positioning and Navigation
5. A Reconfigurable Multi-Touch Remote Control System for Tele operated Robots
6. A wireless portable behavioral state and physiological signal monitoring system for freely moving rats

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7. An RFID-Based Reminder System for Smart Home
8. Application of GPRS Technology in Water Quality Monitoring System
9. Automated voice based home navigation system for the elderly and the physically challenged
10. Autonomous Mobile Robot Navigation Using Passive RFID in Indoor Environment
11. Biometric Attendance System
12. Design and Implementation of an Intelligent Vehicle Driving Controller
13. Design and implementation of Pyroelectric Infrared sensor based security system using microcontroller
14. Design of a Power-Assist Wheelchair for Persons with Hemiplegia
15. Design of a Wireless Medical Monitoring System
16. Design of Auto-guard System Based on RFID and Network
17. Design of Monitor-and-control System for Supermarket Fresh Area Based on ZigBee
18. Design of Ultrasonic Obstacle Avoidance System of Fruit-Transportation Gyrocar Based on ARM
19. Design of vehicle positioning system based on ARM
20. Development of a distributed data collection system based on embedded Ethernet

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21. Development of A Distributed Data Collection System based on Embedded Ethernet
22. Development on Gas Leak Detection and Location System Based on Wireless Sensor Networks
23. Digital control for Home Lighting systems with Zigbee Communication
24. Fingerprint Based Multi-Server Authentication System
25. Hazardous Gas Detecting Method Applied in Coal Mine Detection Robot
26. Hybrid Networking Infrastructure for Greenhouse Management System
27. Implementation of CAN bus in an autonomous All-Terrain Vehicle
28. Implementing ZigBee Protocol as Assignments in Teaching Embedded Systems
29. Intelligence monitoring system based on ARM and information fusion
30. Intelligence Monitoring System Based on ARM And Information Fusion1
31. LED Indicator for Heart Rate Monitoring System in Sport Application
32. Measurement and Control System of Soil Moisture of Large Greenhouse Group Based on Double CAN Bus
33. Monitoring and Alarming System Based on Zigbee Technology

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34. Monitoring Patients' Signs Wirelessly
35. Monorail Car's Wireless Control System based on Smartphone Platform
36. Obstacle Avoidance in Mobile Robot using Neural Network
37. Real-Time Wireless Communication in Automotive Applications
38. Remote Power On/Off Control And Current Measurement For Home Electric Outlets Based On A Low-Power Embedded Board And Zigbee Communication
39. RFID and ZigBee Based Manufacturing Monitoring System
40. Situation-Driven Control of a Robotic Wheelchair to Follow a Caregiver
41. Temperature gathering and Fuzzy control system of electric furnace based on the ARM
42. The implementation of the intelligent transport system for the real-time roadside environment information transfer
43. The intelligent embedded control warning system for car reversing
44. The real-time temperature measuring system for the jointless rail
45. The Remote Control of Mobile Robot Based on Embedded Technology
46. The Research on ZigBee-Based Mine Safety Monitoring System
47. The Ship Monitoring and Control Network System Design

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48. The temperature humidity monitoring system of soil based on wireless sensor networks
49. Traffic Accident Automatic Detection And Remote Alarm Device
50. Trial & Experimentation Of A Smart Home Monitoring System For Elderly
51. Vehicle Control System for Automatic Valet Parking with Infrastructure Sensors
52. Voice Recognition Based Wireless Home Automation System
53. Wireless Across Road: RF based Road Traffic Congestion Detection
54. Wireless ECG monitoring and alarm system using ZigBee
55. ZigBee/GPS tracking system for rowing races

*****WE WILL IMPLEMENT U R OWN THOUGHTS*****

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