

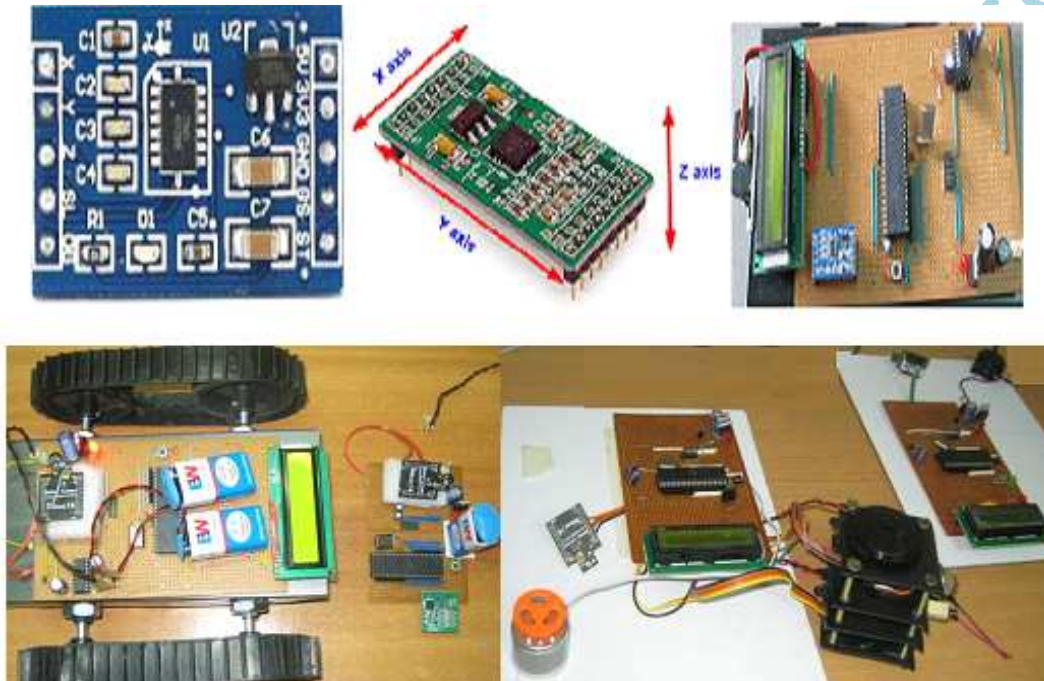
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INNOVATIVE & APPLICATION ORIENTED PROJECTS ON SVSEMBEDDED SYSTEMS

(8051/AVR/ARM7/MSP430/RENESAS/ARM cortex M3)

MEMS (ACCELEROMETER (GYROSCOPE)):



1. THE DESIGN OF THE SCENE OF THE ACCIDENT ALARM SYSTEM BASED ON ARM AND GPS
2. SAFETY AUTO BRAKE SYSTEM FOR HILL STATION VEHICLE USING MEMS SENSOR.
3. MICRO ELECTRO MECHANICAL SENSOR (MEMS) ACCELEROMETER BASED SELF-BALANCING ROBOT.
4. MEMS CONTROLLED ROBOT WITH WIRELESS VIDEO CAMERA MOUNTED ON IT.
5. MEMS ACCELEROMETER CONTROLLED PC
6. MEMS ACCELEROMETER BASED HEAD MOVEMENT CONTROLLED FIREFIGHT IROBOT
7. MEMS ACCELEROMETER BASED HANDS GESTURE CONTROLLED ROBOT

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8. MEMS ACCELEROMETER BASED DIGITAL PHOTO FRAME WITH AUTOMATIC POSITION/VIEW ADJUSTMENT SYSTEM (SIMILAR TO DIGITAL CAMERAS)
9. INTELLIGENT HEAD TRAKING USING ACCELEROMETER AND CONTROLLED ROBOT.
10. HAND MOVEMENT BASED FAN SPEED CONTROLLING.
11. HAND GESTURES CONTROLLED INTELLIGENT WHEELCHAIR.
12. GPS BASED COLLIDE VEHICLE INFORMATION CAPTURING USING MEMS AND GSM CALL ALERT, SMS ALERT.
13. GESTURE CONTROLLED WIRELESS SPY ROBO WITH VIDEO CAPTURE
14. DESIGN AND IMPLEMENTATION OF A FALL MONITOR SYSTEM BY USING A 3-AXIS ACCELEROMETER IN A SMART PHONE
15. DESIGN AND DEVELOPMENT OF A HAND-GLOVE CONTROLLED WHEEL CHAIR
16. DESIGN AND CONSTRUCTION OF MEMS BASED TILT OPERATED TOUCH FREE MOBILE PHONE.
17. CONTROLLING OF POWERED DEVICES THROUGH HAND GESTURES.
18. COLLIDE VEHICLE INFORMATION CAPTURING USING MEMS+GSM MODEM
19. ANTI THEFT SYSTEM FOR ELECTRONIC EQUIPMENTS USING INERTIAL MEMS SENSOR AND ZIGBEE
20. ANDROID PHONE ACCELEROMETER SENSOR BASED WIRELESS ROBOT
21. ANDROID PHONE ACCELEROMETER SENSOR BASED ROBOT NAVIGATOR
22. ACCIDENT DETECTION FOR RELEASE AIRBAG USING GSM, GPS&MEMS USING MICROCONTROLLER
23. A METHOD OF REMOTE CONTROL FOR HOME APPLIANCE USING FREE HAND GESTURE
24. A LOW-COST HAND GESTURE HUMAN-COMPUTER INTERACTION SYSTEM
25. A FOREST TREE (SANDAL WOOD TREES) PROTECTION AGAINST SMUGGLERS' AND MONITORING SYSTEM BASED ON ZIGBEE WIRELESS SENSOR NETWORKS
26. ACCELEROMETER BASED DIGITAL PHOTO FRAME WITH AUTOMATIC POSITION/VIEW ADJUSTMENT SYSTEM

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27. ACCELEROMETER BASED HAND GESTURE RECOGNITION SYSTEM.
28. ACCELEROMETER BASED TILT OPERATED WIRELESS PHONEBOOK COPYING TO PC.
29. ACCELEROMETER CONTROLLER WHEEL CHAIR
30. ACCIDENT DETECTION AND RELEASE AIRBAG USING MEMS.
31. ADVANCED MOUSE POINTER CONTROL USING TRAJECTORY-BASED GESTURE RECOGNITION.
32. ATM SECURITY SYSTEM USING GSM & MEMS
33. COLLIDE VEHICLE INFORMATION CAPTURING USING MEMS+GSM MODEM
34. CONTROLLING OF POWERED DEVICES THROUGH HAND GESTURES.
35. DESIGN AND CONSTRUCTION OF MEMS ACCELEROMETER BASED TILT OPERATED TOUCH FREE MOBILE PHONE.
36. GESTURED CONTROLLED LAMP DIMMER (USEFUL FOR POWER CONSERVATION)
37. GESTURES CONTROLLED SPEAKING MICROCONTROLLER
38. HAND MOVEMENT BASED FAN SPEED CONTROLLING.
39. HAND MOVEMENT RECOGNISATION SYSTEM BASED MOUSE WITH MEMSACCELEROMETER
40. INTELLIGENT GESTURED CONTROLLED PC.
41. MEMS BASED AUTOMATIC WHEEL CHAIR FOR PARALYSES/OLD AGE PEOPLE.
42. MEMS BASED HANDS GESTURE CONTROLLED ROBOT
43. SAFETY AUTO BRAKE SYSTEM FOR HILL STATION VEHICLE USING MEMS SENSOR
44. SMART MOUSE USING ZIGBEE AND MEMS SENSOR.
45. THIN AIR MOUSE GLOVE

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