

Web: www.orionhardwaredesignlab.com





ISO 9001:2008

- 1. A hierarchical human-robot interaction-planning framework for task allocation in collaborative industrial assembly processes. (IEEE 2016)
- 2. Assistive Control System for Upper Limb Rehabilitation Robot. (IEEE 2016)
- 3. Design Aspects of an Embedded Remote Controlled Vehicle based on Intel Galileo Platform. (IEEE 2016)
- 4. Real-time computation of distance to dynamic obstacles with multiple depth sensors. (IEEE -
- 5. Embedded Human-Following Mobile-Robot with an RGB-D camera.(IEEE 2015)
- 6. Autonomous Luggage Carrier.
- 7. Pibot:The Raspberry Pi Controlled Multi Environment Robot For Surveillance & Live Streaming. (IEEE 2015)
- 8. Gen x car.
- 9. Towards a New Modality-Independent Interface for a Robotic Wheelchair. (IEEE 2014)

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- 10. Development and Evaluation of Simplified EMG Prosthetic Hands. (IEEE 2014)
- 11. Robotic Arm Using Gloves.
- 12. Robotic Valet Parking System. (IEEE 2013)
- 13. Health Care Robot.
- 14. Sensors Based Automated Wheelchair. (IEEE 2013)
- 15. Robot System For Fire Fighting In Tunnels (IEEE 2005)
- 16. Design And Development Of Mobile /Tele Operated Intelligent Mobile Robot (IEEE 1997)
- 17. Automatic Robotic Vehicle For Industrial Waste Management.
- 18. Mobile Robot For disaster Management.
- 19. Tunnel Inspecting Robot With Zigbee Transmission
- 20. Ultrasonic Distance Measuring Robot
- 21. Voice Controlled Robot
- 22. Voice Controlled Wheel Chair
- 23. Voice Activated Multipurpose Robotic Arm
- 24. Cell Phone Controlled Land Rover.
- 25. Cell Phone Controlled Vacuum Cleaner With Wireless Video.
- 26. Flux Sensor Operated Wheel Chair With Voice .
- 27. Wireless Video And Remote Control Surveillance System For Army ,Industry And Farmers



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- 28. Hovercraft Automation With Wireless Remote
- 29. Wireless Remote Swiping Robot With Wireless Video
- 30. Based Pick And Place Robotic Arm

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- 31. Color Discriminating System For Packing Industry
- 32. Intelligent Fire Detection And Extinguishing Robot
- 33. Intelligent Way Searching Pick And Place Robot
- 34. Mine Detection Vehicle For Defense Using Gsm
- 35. Microcontroller Based Object Sorting Device With Counter
- 36. Self Guided Pedestrian Crossing Robot (Walking Stick).
- 37. Amphibion
- 38. Automatic Pick N Place Robot
- 39. Automatic Theft Control
- 40. Embedded Web Server 4 Robotic Arm
- 41. Fire Fighting Robot
- 42. Humanoid Robot
- 43. Material Handling Equipment With Robotic Arm
- 44. P C Controlled Arm
- 45. Robodog