

- 1.cell phone controlled AI based five Axis robot for Multi speciality operations
- 2.wireless AI fire fighting robots
- 3.AI based intelli mobile robot for multi specialty operations with ccd camera f or wireless video/audio transmission auto dialer SMS facility.
- 4.bomb detecting robot
- 5.swarm robot sync using RFID tags
- 6.autonomous campus patrol robot.
- 7.design n implementation of internet based healthcare robot
- 8.MERMAID-multiple robot middleware for inatelligent decision making
- 9.the future of robot assisted learning in home.
- 10.deriving and matching image fingerprint sequences from mobile robot localiza tion.

ADVANCED ROBOTICS SOLUTIONS

Intelli Mobile Robot for Multi Specialty Operations

Advanced Robotic Pick and Place Arm and Hand System

Automatic Color Sensing Robot using PC

AI Based Image Capturing and Transferring to PC using Robot

Intelli Robotic Wheel Chair for Specialty Operations & Physically Challenged

Cell Phone Controlled AI based Five Axis Robot for Multi Specialty Operations

Color Identification Robot System

Color Sensor with Conveyor Model - Color Identification Robot

Wireless AI Based Fire Fighting Robot for Relief Operations

Wireless AI Based Intelli Mobile Robot for Materials Handling Operations

Wireless AI Based Intelli Mobile Robot for Multi Specialty Operations with CCD C
amera for

Wireless Video / Audio Transmission Auto Dialer SMS Facility

Wireless Industrial Security Robot with Motion Detection System with Live Wirele
ss Video
/ Audio Transmission

Design and Development of Bomb Detecting Robot

Design and Development of Obstacle Sensing and Object Guiding Robot

Distance Monitoring and Object Detecting Robot By Radio Frequency Technology

Electronic Nose for Robotics

Fire Ball for Fire Extinguishing with Robot Model

Gas Detection Robot for Atomic Power Station

IVRS Based Robot Control with Response & Feed Back

Motion Detection, Robotics Guidance & Proximity Sensing using Ultrasonic Technology

Remote Bomb Detecting Robot

Smart Tanker Robot for Security Operation in the Protected Area with Wireless Secured Communication Unmanned & Operative

SMS Based Controller Robot Control

Voice Based Path Control of Robot via the PC using RF Communication Technology

Voice Control / Speech Recognition Alive Human Detector

Voice Controlled & Activated Wheel Chair Robot for Physically Challenged

Walking Robot with Infrared Sensors / Light Sensors / RF Sensor / Tactile Sensors

Wireless Robotic Vehicle with 2.4 Ghz Camera for Surveillance / Rescue

Wall Follower Robot with The Help of Multiple Artificial Eyes

Wireless Weapon Automation - Smart Tanker Robot Embedded

A Modular Cost-Effective Mobile Robot Navigation System Using RFID Technology - 2009

A multi-Robot coordination system based on RFID technology 2009

A Fast Onboard Relative Positioning Module for Multi Robot Systems 2009

Wireless communications in networked Robotics 2009

Mobile Robots in Mine Rescue and Recovery 2009

RFID tag bearing estimation for mobile Robot localization 2009

Robust Sensor-Based Navigation for Mobile Robots 2009

Real-time audio-visual calls detection system for a Chicken Robot - 2009

Swarm Robot Synchronization using RFID Tags 2009

Speed and position Control of Autonomous Mobile Robot on Variable Trajectory Depending on its Curvature 2009

Simple sensors provide inputs for cognitive Robots 2009

An Intelligent Mobile Robot Navigation Technique Using RFID Technology 2008

Development of a Module based Platform for Mobile Robots 2008

Coal Mine Detect and Rescue Robot Design and Research 2008

A Fuzzy Controller for Autonomous Negotiation of Stairs by a Mobile Robot with Adjustable Tracks 2008

A novel Robo system for surface inspection and diameter measurement of large size - 2008

A task planner for a dual-arm Robot: A geometric formulation - 2008

A Methodology for Implementation the CPAC Approach to Path Tracking with Six-DOF Robotic Manipulators 2008

GPS-Based Path Following Control for a Car-Like Wheeled Mobile Robot With Skidding and Slipping - 2008

Hydraulic Simulation and Remote Control System of Field Robot 2008

Implementation of Obstacle Avoidance and ZigBee Control Functions for Omnidirectional Mobile Robot - 2008

Indoor Autonomous Navigation of Blind Persons using RFID Sensing Robots 2008

Interactive Object Acquisition based on Robot Technology Middleware (RTM) for 3 Axis Robot 2008

Path Planning Automated Guided Robot 2008

Real-time Bluetooth communication system for control of a mobile Robot - 2008

Real-Time Control of a Two-Wheeled Inverted Pendulum Mobile Robot 2008

Robotic Software Architecture for Multi-sensor Fusion System - 2008

Visual Servo Control of a Three Degree of Freedom Robotic Arm System 2008

Walking Hexapod Robot in Disaster Recovery: Developing Algorithm for Terrain Negotiation and Navigation 2008

Voice Command Control for Mobile Robots 2007

An autonomous surveillance and security Robot team - 2007

Develop a Multiple Interface Based Fire Fighting Robot 2007

Development of Autonomous Robotic Wheelchair Controller Using Embedded 2007

Development of a Person Following Mobile Robot in Complicated Background by Using Distance and Color Information 2007

Using AC Motors in Robotics 2007

The design and implementation of an autonomous campus patrol Robot 2007

Design and Implementation of Internet Based Healthcare Robot System - 2007

Remote-controlled Home Robot Server with Zigbee Sensor Network 2007

NCCU Security Warrior: An Intelligent Security Robot System - 2007

Fuzzy Controller Designed by GA for Two-Wheeled Mobile Robots 2007

The WURDE Robotics Middleware and RIDE Multi-Robot Tele-Operation Interface 2006

Modular Sensor Processing for Robotics based Security in Hazardous Environments
2006

MERMAID Multiple Robot Middleware for Intelligent Decision-Making 2006

Development of a Multimode Navigation System for an Assistive Robotics Project 2
006

Semi-Autonomous Teleoperation of Multiple Cooperative Robots for Human-Robot lun
ar
Exploration 2006

Security Service Robot in ubiquitous Environment based on Cognitive Robotic Engi
ne
2006

RoboCup Rescue Robot league team IUB Rescue, Germany 2006

The Future of Robot-Assisted Learning in the Home 2006

Conveyor Visual Tracking using Robot Vision 2006

A Humanoid Robot to Prevent Children Accidents 2005

A Voice Guiding System for Autonomous Robots- 2005

Development of Autonomous Robotic Wheelchair System 2005

Neuro Fuzzy Controllers and Application to Autonomous Robots 2005

The Omni Tread Serpentine Robot for Industrial Inspection and surveillance 2005

A Tele-Operated Humanoid Robot Drives a Lift Truck

A Test Bed for Voice based Robot Control

An Autonomous Assistant Robot for Book manipulation in a Library

An Exoskeletal Robot Manipulator for Lower Limbs Rehabilitation

BlueBot: Asset tracking via ROBOtic location Crawling

Vision Control of a Robotic Hand

Deriving and Matching Image Fingerprint Sequences fro Mobile Robot Localization

Design and Implementation of an Open Autonomous Mobile Robot System

Designing a Secure and Robust Mobile Interacting Robot for the Long Term

Detection of Abnormal Movement of Industrial Robots using Image Sequence

Fusion of Voice, Gesture, and human-Computer Interface Controls for Remotely Operated Robot

Firebot: Design of an Autonomous Fire Fighting Robot

Hybrid Control of Semi-Autonomous Robots

Implementing Multiple Robot Architectures using Mobile Agents

Navigation of Mobile Robot using Global Positioning System (GPS) and Obstacle Avoidance System with Commanded

Obstacle Avoidance of Mobile Robots using Ordinal structure Model of Fuzzy Reasoning Approach

RoboCart: Toward Robot-Assisted Navigation of Grocery Stores by the Visually Impaired

TeleRobotics: Through-The-Internet Teleoperation of the ABB IRB 2000 Industrial Robot

Control and Monitoring of Mobile Robot system using Bluetooth

Control of a Simple DC Motor Robot Equipped with Ultrasonic Sensors via a Field Programmable Gate Array and a

Custom Architecture for Fuzzy and Neural Networks Controllers

Dual functional reconfigurable mobile Robot IEEE