FINAL YEAR PROJECTS

@ Projectwale.com
www.Projectwale.com

Tel: 900467813

ROBOTICS PROJECTS
- 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 Camera for Wireless Video / Audio Transmission Auto Dialer SMS Facility
- Wireless Industrial Security Robot with Motion Detection System with Live Wireless 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 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
- Implementation of Obstacle Avoidance and ZigBee Control Functions for Omni Directional Mobile Robot - 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
- 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
- Fuzzy Controller Designed by GA for Two-Wheeled Mobile Robots – 2007
- The WURDE Robotics Middleware and RIDE Multi-Robot Tele-Operation Interface – 2006
- MERMAID – Multiple Robot Middleware for Intelligent Decision-Making – 2006
- Development of a Multimode Navigation System for an Assistive Robotics Project – 2006
- Semi-Autonomous Teleoperation of Multiple Cooperative Robots for Human-Robot lunar Exploration – 2006
- RoboCup Rescue – Robot league team IUB Rescue, Germany – 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 for 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