Robotics Project List

QRB01) Infrared Light tracing Robot (TV Remote controlled)
QRB02) Radio Frequency (RF) Controlled Wireless Robot
QRB03) Mobile phone controlled four-legged walking robot with speed and direction control
QRB04) Servo motor controlled wireless video camera control system
QRB05) Micro Electro Mechanical Sensor (MEMS-Accelerometer/Gyroscope) based self-balancing robot
QRB06) Pick and place robot
QRB07) Live Human being detection wireless remote controlled Robot
QRB08) DTMF based humanless Robotic boat control for ocean research application
QRB09) Mobile phone Bluetooth operated robot (works with any java enabled phone)
QRB10) Touch Screen Controlled intelligent robot
QRB11) wireless room freshener spraying robot with video vision
QRB12) Accelerometer (Gyroscope) Controlled Robot.
QRB13) Voice operated robot with speaker identification technology
QRB14) Autonomous Robot with artificial vision for obstacle detection
QRB15) Zigbee controlled Boat with wireless video and voice transmission with night vision capability
QRB16) Voice operated Intelligent Fire extinguisher vehicle
QRB17) Voice controlled Electric Wheel Chair
QRB18) A Voice Command System for Autonomous Robots
QRB19) Mobile phone controlled alive human detector using robotics
QRB20) Cell Phone Controlled Three Axis robotics with AI
QRB21) Wireless AI based voice controlled intelligent robot for multispecialty operations
QRB22) Embedded Micro controller based Robots for weather forecasting
QRB23) Embedded Micro controller based Nomad Robots for exploration Application
QRB24) Automated Vertical car parking System
QRB25) IVRS Based Control of Three Axis Robot With Voice Feed back
QRB26) Remote controlled Flying Machine to fertilize fields and conduct aerial surveillances
QRB27) Self Guided Advanced Robotic Wheel Chair for Emergency patient Transportation system for preset locations
QRB28) Unmanned FLYING device for surveillance with RF Controller & Wireless camera
QRB29) Walking Robot FOR IMPAIRED PROPLES (MUSCLE WEAKNESS)
QRB30) Wireless Industrial Security Robot with Motion Detection (PIR SENSOR) System with PC INTERFACE
QRB31) Wireless AI Based smart Mobile Robot for Materials handling or factory automation
QRB32) Wireless AI Based Fire Fighting Robotics for Relief Operations (smoke/LDR/fireball
QRB33) Automatic Color Sensing Robot with multi applications
QRB34) Vision Guided Law enforcement LAND Rovers for military applications
QRB35) AI Based Image Capturing and transferring to PC/CCTV using Robot
QRB36) Land Mine Detecting Robo with Automatic indication using GPS and GSM
QRB37) Programmable Surface Cleaning Robot using Blowers
| QRB038 | Automatic Valet car parking System using conveyors |
| QRB039 | Programmable Grass Shredding Robot |
| QRB040 | PCB Drilling machine using Cartesian robot |
| QRB041 | Intellimobile robot for multispecialty operations |
| QRB042 | Fire Fighting Robotics with AI (Artificial Intelligence) and WAP |
| QRB043 | Hardware Design for Pick and Place Robot |
| QRB044 | TF Based Wireless Multi Axis Robotics with WAP |
| QRB045 | Three Axis Robotics With Artificial Intelligence (AI) |
| QRB046 | Multi Axis Stepper Controller / Driver with Opto-isolation |
| QRB047 | Two Axis Stepper Controller / Driver with Opto-Isolation |
| QRB048 | Ultrasonic based parking Guidance System |
| QRB049 | Flying Robot with Search & Rescue for an Accident area or Natural Disaster area |
| QRB050 | Electromagnetic type Pick and place robot for material handling |
| QRB051 | Intelligent Tanker Robot for Security Operation in the protected / Affected Area with RF secured |
| QRB052 | Remote Guided Automatic warfare Gun Vehicle with Laser Target and Wireless Camera Monitoring system |
| QRB053 | Self Guided Pedestrian Crossing Robot for Blinds and Elderly Personalis (WALKING STICK) |
| QRB054 | Flying Quad robot chopper with wireless video camera |
| QRB055 | GPS and Digital Compassed based self navigating robot |
| QRB056 | Wifi robot controlled from Android smart mobile phone |
| QRB057 | Wireless operated war field land Rover that alerts on sensing planted Land Mines |
| QRB058 | Robot Controlled Wireless Audio-Video Streaming Camera |
| QRB059 | Wall Follower Robot |
| QRB060 | Speech recognition robot with ultrasonic obstacle avoidance system |
| QRB061 | Smoke and LPG Gas detection robot with wireless control |
| QRB062 | Bomb detection Robot |
| QRB063 | Line Follower Robot |
| QRB064 | Android mobile phone controlled bluetooth robot |
| QRB065 | Altitude estimation and control of a Quadrocopter |
| QRB066 | A Sensor-Based Dual-Arm Tele-Robotic System |
| QRB067 | Closed-Loop Control of Local Magnetic Actuation for Robotic Surgical Instruments |
| QRB068 | Distributed Data Fusion for Multirobot Search |
| QRB069 | Hand Impedance Measurements During Interactive Manual Welding With a Robot |
| QRB070 | Multirobot Control Using Time-Varying Density Functions |
| QRB071 | Occlusion-Based Cooperative Transport with a Swarm of Miniature Mobile Robots |
| QRB072 | Optimization-Based Motion Planning in Joint Space for Walking Assistance With Wearable Robot |
| QRB073 | Passivity and Stability of Human–Robot Interaction Control for Upper-Limb Rehabilitation Robots |
| QRB074 | Path Following Using Dynamic Transverse Feedback Linearization for Car-Like Robots |
| QRB075 | Toward Welding Robot With Human Knowledge A Remotely-Controlled Approach |
QR8076) Wall-Following Control of a Hexapod Robot Using a Data-Driven Fuzzy Controller Learned
QR8077) Design of a vision-based autonomous robot for street navigation
QR8078) Nonlinear Multiple Integrator and Application to Aircraft Navigation
QR8079) Development of a robotic arm for dangerous object disposal
QR8080) Robotic Explosive Charging in Mining and Construction Applications
QR8081) Microcontroller based robotic arm: Operational to gesture and automated mode
QR8082) Control of robotic arm manipulator with haptic feedback using programmable system on chip
QR8083) Autonomous Flight of a Commercial Quadrotor
QR8084) Internet of vehicles: From intelligent grid to autonomous cars and vehicular clouds
QR8085) Towards a New Modality-Independent Interface for a Robotic Wheelchair
QR8086) SLAM-based autonomous wheelchair navigation system for AAL scenarios
QR8087) Task Partitioning in a Robot Swarm: Object Retrieval as a Sequence of Subtasks with Direct Object Transfer
QR8088) Multi-robot system for real-time sensing and monitoring
QR8089) Virtual laboratory for a remotely operating robot arm
QR8090) Design of a Robotic Mobility System with a Modular Haptic Feedback Approach to Promote Socialization in Children
QR8091) Trajectory planning for car-like robots in unknown, unstructured environments
QR8092) Ultrasonic-sensor deployment strategies and use of smartphone sensors for mobile robot navigation in indoor environments
QR8093) Local path planning in a complex environment for self-driving cars
QR8094) Remote access of FPGA robot via internet
QR8095) Modeling of a complex-shaped underwater vehicle
QR8096) Self-learning PD algorithms based on approximate dynamic programming for robot motion planning
QR8097) Safety Control of Industrial Robots Based on a Distributed Distance Sensor
QR8098) Object-following robot using adaptive cruise control algorithm with IOIO
QR8099) Development of an autonomous micro robot for swarm robotics
QR8100) Automatic landing control of Unmanned Aerial Vehicles on moving platforms
QR8101) The role of operator style on mission energy requirements for tele-operated unmanned ground vehicles
QR8102) Virtual reality head-tracking observation system for mobile robot
QR8103) Modelling an accelerometer for robot position estimation
QR8104) Design of a Direct-Driven Linear Actuator for a High-Speed Quadruped Robot, Cheetaroid-
QR8105) Implementation of WSN which can simultaneously monitor temperature conditions and control robot for positional accuracy
QR8106) Lane detection & localization for UGV in urban environment
QR8107) Multisensor Fusion-Based Concurrent Environment Mapping and Moving Object Detection for Intelligent Service Robotics
QR8108) RML Glove—An Exoskeleton Glove Mechanism With Haptics Feedback
QRB0109) Probability-Based Location Aware Design and On-Demand Robotic Intrusion Detection System
QRB0110) An approach towards rescue robotics in bore well environment
QRB0111) Modeling of underwater snake robots
QRB0112) The Impact of Human–Robot Interface Design on the Use of a Learning Robot System
QRB0113) Signage System for the Navigation of Autonomous Robots in Indoor Environments
QRB0114) A Robotic Crack Inspection and Mapping System for Bridge Deck Maintenance
QRB0115) Remote control robot using Android mobile device
QRB0116) Accuracy Analysis of Dynamic-Wafer-Handling Robotic System in Semiconductor Manufacturing
QRB0117) Identification of Linear Models for the Dynamics of a Hovering Quadrotor
QRB0118) Sensing and processing of bio-metric signals for use in low cost bio-robotic systems
QRB0119) Monitoring and controlling the combustion quality in thermal power plant boiler using image processing and robotic arm
QRB0120) Delay tolerant network for autonomous robotic vehicle charging and hazard detection
QRB0121) Optimal Path Following for Differentially Flat Robotic Systems Through a Geometric Problem Formulation
QRB0122) Efficient Evaluation of Collisions and Costs on Grid Maps for Autonomous Vehicle Motion Planning
QRB0123) Quadrotors and Accelerometers: State Estimation with an Improved Dynamic Model
QRB0124) Traffic Sign Recognition for Autonomous Driving Robot
QRB0125) Remote access of FPGA robot via internet
QRB0126) Manipulator robot for crack detection and welding in underground process pipes
QRB0127) Modeling and Nonlinear Adaptive Control for Autonomous Vehicle Overtaking
QRB0128) Vision based guidance for robot navigation in agriculture
QRB0129) The detecting robot based on SOPC
QRB0130) Probability-Based Location Aware Design and On-Demand Robotic Intrusion Detection System
QRB0131) Towards a New Modality-Independent Interface for a Robotic Wheelchair
QRB0132) Real-time autonomous 3D navigation for tracked vehicles in rescue environments
QRB0133) Demonstration of a Semi-Autonomous Hybrid Brain–Machine Interface Using Human Intracranial EEG, Eye Tracking and Computer Vision to Control a Robotic Upper Limb Prosthetic
QRB0134) A Learning-Based Semi-Autonomous Controller for Robotic Exploration of Unknown Disaster Scenes While Searching for Victims
QRB0135) An intuitive multimodal haptic interface for tele-operation of aerial robots
QRB0136) Devising a solar powered standalone vehicle using GSM communication network
QRB0137) Scaled position-force tracking for wireless tele-operation of miniaturized surgical robotic system
QRB0138) Motion Planning of Multi-docking System for Intelligent Mobile Robots
QRB0139) A small climbing robot for the intelligent inspection of nuclear power plants
QRB0140) EEG-Based Mobile Robot Control Through an Adaptive Brain–Robot Interface
Scheduling strategies of relay tracking for network-based multiple unmanned ground vehicles

Exploiting the use of information to improve coverage performance of robotic sensor networks

Effective destination determination for semi-autonomous smart electric wheelchair based on history of human activity

Cooperative Search of Multiple Unknown Transient Radio Sources

Using Multiple Paired Mobile Robots

Comparison of two quadrotor dynamic models


GSM Controlled Robotics

Design and operation of Wi-Fi agribot integrated system

Pibot: The Raspberry Pi Controlled Multi-Environment Robot For Surveillance & Live Streaming

Design of a Home Multi-Robot System for the Elderly and Disabled

Mono-camera robotic system for tracking moving objects

Delay tolerant network for autonomous robotic vehicle charging and hazard detection

Implementation of Arduino Based Mind Control Robot

Balancing system of tray on waiter robot using complementary filter and fuzzy logic

Physical indicators of cyber attacks against a rescue robot

Remote access of robot via internet

Autonomous tour guide robot by using ultrasonic range sensors and QR code recognition in indoor environment

GSM Controlled Robotics

Ultrasonic-sensor deployment strategies and use of smartphone sensors for mobile robot navigation in indoor environments

Miniaturization of Robust UHF RFID Antennas for Use on Perishable Goods and Human Bodies

Signage System for the Navigation of Autonomous Robots in Indoor Environments

To Go or Not to Go: On Energy-Aware and Communication-Aware Robotic Operation

Robot Guided Crowd Evacuation

Android Based Robot for Industrial Application Control

Probability-Based Location Aware Design and On-Demand Robotic Intrusion Detection System

Remote control robot using Android mobile device

GSM Controlled Robotics

Design and implementation of cost effective surveillance robot

An Overview of Noise-Robust Automatic Speech Recognition

Monitoring and control of a reptile terrarium

A Sensor-Based Dual-Arm Tele-Robotic System

Low-Dimensional Learning for Complex Robots.

Robotic Handling of Surgical Instruments in a Cluttered Tray.
QRB0178) Remote access of robot via internet.
QRB0179) The environmental cognition and agilely service in home service robot intelligent space based on multi-pattern information model and Zigbee wireless sensor networks.
QRB0180) GPS guided farm mapping and waypoint tracking mobile robotic system
QRB0181) Object-following robot using adaptive cruise control algorithm with IOIO.
QRB0182) Integration of Drive-by-Wire with Navigation Control for a Driverless Electric Race Car.
QRB0183) Voice recognition and touch screen control based wheelchair for paraplegic persons.
QRB0184) Car navigation user interface based on a smartphone
QRB0185) Design of pipeline displacement detecting system based on ZigBee wireless sensor networks.
QRB0186) Development of a cell phone based vehicle remote control system.
QRB0187) Accelerometer-based HUD input for car navigation.
QRB0188) DTMF technology applied to the identification and control of a small mobile robot.
QRB0189) Delay tolerant network for autonomous robotic vehicle charging and hazard detection.
QRB0190) Design of tracked robot with remote control for surveillance.
QRB0191) Development of a robotic arm for dangerous object disposal.
QRB0192) Robotic Explosive Charging in Mining and Construction Applications.
QRB0193) Towards a New Modality-Independent Interface for a Robotic Wheelchair.
QRB0194) Multi-robot system for real-time sensing and monitoring.
QRB0195) Virtual laboratory for a remotely operating robot arm.
QRB0196) Design of a Robotic Mobility System with a Modular Haptic Feedback Approach to Promote Socialization in Children.
QRB0197) Local path planning in a complex environment for self-driving car.
QRB0198) Self-learning PD algorithms based on approximate dynamic programming for robot motion planning.
QRB0199) Safety Control of Industrial Robots Based on a Distributed Distance Sensor.
QRB0200) Development of an autonomous micro robot for swarm robotics.
QRB0201) Virtual reality head-tracking observation system for mobile robot.
QRB0202) A Robotic Crack Inspection and Mapping System for Bridge Deck Maintenance.
QRB0203) Control of a multi-rotor outdoor aerial manipulator.
QRB0204) Optimal Path Following for Differentially Flat Robotic Systems Through a Geometric Problem Formulation.
QRB0205) Traffic Sign Recognition for Autonomous Driving Robot.
QRB0206) Manipulator robot for crack detection and welding in underground process pipes.
QRB0207) Vision based guidance for robot navigation in agriculture.
QRB0208) Group modeling and analysis for bomb detection using mobile sensor/robotic networks
QRB0209) Applying model-based principles on a distributed robotic system application
QRB0210) Snitch: Design and development of a mobile robot for surveillance and reconnaissance.