EMBEDDED BASED PROJECTS

- Optimization of Ideal Time and efficient solar charging for Rovers
- PWM based Light Intensity Control using Passive infrared sensor
- Intelligent Power Distribution from EB Based on Power Generation
- Standby Power Saving system for Electrical Appliances
- Overload warning System for Industries and Homes
- Industrial Power Theft Identifier system
- Power Saver System for Auditorium based on people Density
- Touch screen Based Appliances control system
- Sensor less efficient methodology for solar tracking system
- Alternate and Shortest path Finder for Vehicles in High Traffic Density Areas
- Time Sharing from Less Traffic Direction to Heavy Traffic Directions for signals
- Standby Power Saving system for Electrical Appliances
- Wireless Power Saving and alert system
- Secure Transaction in ATM using Short Message Services
- Eye Gaze Wheel chair control system
- 3-Axis Accelerometer Home Appliance Control system for Physically Challenged People
- Train speed Assessment in Railway Level Crossings
- Footboard Passenger alert and control System for buses
- Elderly People Home health Care monitoring and alert system
- Over tonnage Warning System for Vehicles in Toll Gates and Check posts
- Effective Driver License Approving system
- Appropriate Bus identification system for Blind Peoples
- Embedded Based Automatic Control of Power Consumption
- Embedded Based Gas Leakage Monitoring System with Auto Dialing
- Embedded Based Induction Motor Speed Monitoring and Control Using PWM
- Embedded Based Multi Tasking ID card
- Embedded System Based Digital Entry Lock
- Microcontroller Based Intelligent Emergency Calling
- RFID Based Area Dependent Vehicle Speed Controller
- RFID Based Elegant Ticketing System for Buses
- RFID Based Library Automation
- RFID Enemy Identifier and Suiting in Border Security Force
- Trusted Secure Electronic Voting Machine
- Automatic Braking Jogging Plugging ON/OFF Forward and Reverse
- Automatic Traffic and Street Light Controller
- Energy Saver for Street Lights
- Over Speed & Drunken Drive Indicator
- Coin Based Electronic Bus Conductor
- Water Level Monitor and Control
- SCADA for Power Plant
- SCADA for Industrial Monitor
- Artificial Voice Announcement for Blind and Dump Alert Using Hand Signal.
- Power Factor Monitor and Controller
- Voice Operated Home Appliances Controller
- Telephone Operated Home Appliances
- Terror Watching and Killer in Defense Border
- Building Monitoring System with Voice Announcer
- Digital Energy Meter with Current, Voltage, Power Factor.
- Automatic Traffic and Street Light Controller
- Power Saved with Automatic Street Light Controller
- Over Speed And Drunken Driver Indicator
- Fuel Level Monitor
- Embedded Based Object Counter
- Ultrasonic Alarm For Blind People
- Ultrasonic Distance Measurement
- Vehicle Security System
- Sensor Based Obstacle Detector
- Microcontroller Based Access Control System
- Room Attendance Register
Lift Controller
Automatic Dim And Dipper for Automobiles
Ultrasonic Reverse Alarm for Vehicle
Speed Monitor For Motors
Temperature Monitor
Energy Saver For Class Rooms
Temperature Controlled Fan
Programmable Digital Controller For Street Light with RTC
Power Theft Identifier & Energy Saver
Finger Print Based License Checking System
Prepaid Card and Coin Based Pay System
RFID based system for class room identification for visually impaired
Microcontroller Based Medicine Reminder
Neural network based DC motor speed controller
Neural Network Based Object Recognition
Neural Based Target Sensing System
Artificial Intelligent Fire Fighter
Fuzzy Based Boiler Controller
Intelligent system design for College notice board cum bell system
Micro controller based boiler management system
Embedded based electricity theft identification
Embedded based mark announcement system
Design and implementation of railway automation system with sensors network
Real time data acquisition system
Intelligent train system-automation collision avoidance, signal / unmanned
Password Controlled Entrance System
A Bidirectional Visitor’s Counter with Appliance Control
Embedded Based Calibration of Proximity Sensor
Wireless Based Cordless polling System
Intelligent density traffic controller using infrared sensor
Air pollution monitor and Display Information System
- Location and Position Target sensing system
- Boiler control system
- Energy saver with person in out counter
- Security system with auto dialer
- Traffic controller with real time clock
- Prepaid card for Bus fare system
- Tank Fuel monitoring and Indicating System
- Ultrasonic level meter
- Ultrasonic alarm for blind people
- Ultrasonic distance meter
- Room attendance system
- Prepaid card for EB meter with wireless recharge
- Auto scheduler for multiple machines
- Automatic load sharer for transformers
- Speed control of PMDC motor by using fuzzy logic
- Motor monitoring & protection system
- Transformer monitoring & protection system
- Power theft indicator
- Digital Power energy Consumption and Display meter
- Synchronization of EB with generator
- Power factor monitor and controller
- Motor monitor & control through the power line carrier communication
- Electronic circuit breaker
- PWM based solar tracking system with sine wave inverter
- Single axis solar panel tracking system
- Double axis solar panel tracking system
- Stepper motor direction and speed controller
- Servo motor direction and speed controller
- AC voltage and current monitor
- DC voltage and current monitor
- Antenna tracking system for moving vehicle
- Internet based temperature and humidity monitor
- Web based home appliances controller
- Detection of illegal wireless transmission
- Windmill monitoring using internet
- Digital energy with volt, current & power factor monitor
- RTC ds1307 based agro motor control system
- Time Saving Wait less Advanced Modern Auto Teller Ration (ATR) shopping
- Development Of Embedded Digital IC Tester
- Time Base Electrical Appliance Control
- Emergency Railway Helpline Display System
- DTMF Generation using Microcontroller
- Respiration Monitor
- E-Voting Time Saving Wait less Voting System
- Digital Code Word Locking System
- Code lock for electrical devices
- Robot Operated Through Voice
- Automatic Packing Machine
- Electronic Voting Machine using LCD Display and EPROM for Memory Interface
- Digital IC Tester
- Digital Clock Based on Real Time Clock(RTC) IC
- Automatic Dim Dipper Programmable ON/OFF Timer Control
- Data Logger Based on RS 232 Serial Communication
- Wireless Water Level Controller
- Vehicle Speed Storage System
- Intelligent bus monitor system
- Cryptography using Microcontroller
- Oil-Tank Level Indicator
- SCADA Implementation in microcontroller
- On-load Tap-change for power transformer
- Embedded lift controller
- Power room monitor with data logger
Coil winding machine
Bank locker security system with SMS mobile alert
Wireless Door Control System
RF Based Billing System.
RF Based Data Retriving System
RF Based House Security System
Automatic Path Finder
Solar based Lighting System
Solar based Irrigation automation
Students Alert System to Parents by Entry at College Premises by Using Mobile Texting
Recharging RFID Based Automatic Toll Gate System
Wireless Messaging Using ZIGBEE
Wireless Based E-circular Announced System
Design and Implement of Attendance Management System Based on Contactless Smart Card
Elder people monitoring system using GSM network
Advanced patient monitoring and alert system using Zigbee for home.
Patient health monitoring and alert system using Zigbee technology within the Hospital
Library Books Maintenance by RFID technology
Ultrasonic based Path Planning for the Blind Person
Implementation of Carbon Monoxide Monitoring System
Intelligent Bus announcer for blind using RFID technology
Mobile security alert system for Fire and LPG Gas leakage
E-Passport and the Future of Government Issued Radio-Frequency Based Identification
Intelligent Fire Monitor using Blue Tooth Technology

ROBOTIC PROJECTS

Optimization of Ideal Time and efficient solar charging for Rovers
A crane – based Robotic Device for hoist testing and storage cells
A line tracing robot as an effective sensor and closed loop system
splashing of water drops by Robot on a water surface in a strong electric field
Application of a smoke finder with vision system for wheeled mobile Robot
A Robotic System for Underground Coal Mining
Error Eliminating Rapid Ultrasonic Firing for Mobile Robot Obstacle Avoidance
Design of Small Flexible Automated Guided Vehicle
Optimal Design of movable Pick and Place Robot
Intelligent Robotic system accessing by an Bluetooth
Computer Controlled Wireless mobile surveillance Robot
Intelligent Robot with Wireless Camera Controlled by an Wireless PC
Hazardous Gas Detecting Method Applied In Coal Mine Detection Robot
Wireless critical process control in gas plants by Zig-Bee control using Robot
Design & Construction of a Fully Autonomous Fire Fighting Robot
Sensor Fusion for Mining Robot
A Robotic System for Fire Fighting in Tunnels
The Development of Intelligent Home Security Robot
Environmental Monitoring with Mobile Robots
Automatic direction sense Robot with Solar System
Implementation and control of balancing line tracer robot using vision
Implementation of obstacle avoidance and Zig-Bee control functions for Omni directional mobile robot

Advanced service robotics for human assistance and support
Object Sensing Pick and Place Robot
Automatic Crack Detecting Robot using image analysis
Automatic Rescuer Robot for Earthquake Areas
Industrial Parameter Control Connectionless Robot
Design and development of a hybrid feedback system for an RF remote-controlled robot
- Performance optimizations on mining application Robot
- Enhancement of Speech Recognitions for Control Robot Automation
- A method of recognizing objects specified by color and shape in autonomous Robot
- Building an autonomous light finder robot
- A Web-based Medical Emergency Guiding System using robot
- Artificial Robots for Military Application using Embedded
- Robot design for applications in intensive agriculture
- Navigation and security system of intelligent security robot using GPS
- Development of small robot for indoor based home floor cleaning
- Developing a service robot with communication abilities like human
- Intelligent Robot Alcohol Sensing System
- The design and implement of embedded remote control system in industrial robot
- A Hands Gesture System of Control for an Intelligent Wheelchair
- Design and implementation of wireless bomb disposal robot
- Design and implementation of pc based robot control for industrial applications
- Zigbee based remote controlled robot with wireless video camera mounted on it (3600 camera rotation)
- Teleportation of a robot arm in planar catching movements using ARMAX model and trajectory monitoring techniques
- PC Controlled Wireless Robot Using RF Module with Feedback Sensor To Detect Fire and Temperature
- Implementation of Accelerometer Based Robotic ARM (Using wireless communication)

**GSM AND BLUE TOOTH BASED PROJECTS**

- SMS Based Universal Motor multi Speed Controller
- Development of GSM Based DC Motor Speed Controller
- Call Based Single Phase Induction Motor Controller
- Mobile Based Indoor Home Electronic Appliance Control
- Implement of Multi Range Data Acquisition System with GSM Modem
- Accident Identifier with informer using navigation of GSM system
- Reducing of human Errors in Bank Security System with Auto dialer
- Design & Implementation of a Wireless Remote Data Acquisition System for Mobile Applications
- GPS Based Mobile Tele Monitoring and Management System for Inter cities Public Transportations.
- SMS Based Three Phase Induction Motor Controller
- Location Based Accident Identification System for Vehicles
- GPS Based train or bus or Aircraft Collision Avoidance
- Automatic taxi Trip Sensing and Indicating System through GSM
- Remote Control of industrial Machines Based on GSM Technique
- Effective mine Detection for Defense using GSM
- Railway Security Management System using GSM
- GSM based Wireless Weather Monitoring Report System
- SMS & Position Interface for Human Tracking System
- Coin Based SMS Sender and Mobile phone charger
- Auto Unmanned Automobile with Security System using GSM Technique
- Human or animal tracking system using GPS
- Bank locker security system with Authorized SMS informer
- Kinematics GPS for classed –Loop Control of farm & Construction Vehicles
  Automatic steering of farm vehicles using GPS
- Zigbee Based Industrial Disaster Intimation and control system
- Security Breach Intimation for Unauthorized Entry Based on Mobile Technique
- Industrial Furnace Monitor Using Mobile System
- Kinematics GPS for classed –Loop Control of farm & Construction Vehicles
  Automatic steering of farm vehicles using GPS
- GPS and GSM based location indicating system for unmanned automobile
- Air craft collision avoidance system by a human using GPS
- Call Based Home Appliance automatic Controller
- Unmanned Electricity Billing System using GSM network
- Railway Accident Monitoring System with wireless camera
Bluetooth based temperature monitoring system (O/P: graph (temp. vs. time) plotting on smart phones)

Invention of Bluetooth based multiple devices ON and OFF control

Location & Mobile based Accident Alarm System (GSM, GPS & Accelerometer sensor)

Advanced vehicle security system with theft control and accident notification

**SOLAR PROJECTS**

- Optimization of Ideal Time and efficient solar charging for Rovers
- Sensor less efficient methodology for solar tracking system
- Implementation of Solar tracking and trapping system
- Effect of Solar based lanterns for rural areas
- Solar power saving Street Lighting System using Zigbee
- Effective Solar illumination discover Robot in Omni direction
- Development Of Automatic Sunlight Detection Robot
- Design and performance of an automatic two-Axis solar tracker system Robot based Solar Tracking System
- An optimal energy-based approach for driving guidance of full Electric Robot
- Synthesis of a for the navigation of an electric wheelchair for handicapped using Solar
- Automatic Intelligent Solar Light based agricultural automation
- Design and implementation of a microcontroller-based maximum power point
- Tracking fuzzy solar charge controller
- Implementation of Solar agricultural water pumping system
- Solar based Intelligent power distribution system for Home appliances

**FINGERPRINT PROJECTS**

- E-Passport and the Future of Government Issued Code word Based Identification
- Integrated real-time ATM system design using Microcontroller (Fingerprint & Smart Card)
- Improved Finger Print Based Voting System for Rigging free Governing
- Biometric fingerprint identification based bank locker security system
- Human touch Authentication and Controlling System of Devices
- Integrating Data Logging Attendance system by an RFID
- Efficient Human Code word Voting machine using Finger print
- Multilevel Finger print based Production security system
- Finger print based Medical information and Monitoring system
- Intelligent Advanced Banking system Reducing Human Errors
- Advanced Human Code Set Library management system using fingerprints
- Designing of Automatic Security Door opening and closing system
- Electronic voting system design for Rigging free Governing using Smartcard & Biometric (Fingerprint)

**RFID PROJECTS**

- Student Data Logging System into College Web Site Based On RFID
- Automatic travel bill generation system using passive RFID (radio frequency identification)
- The Design of RFID Based Inspection System for Power Telecommunication Networks
- Intelligent bio-matric RFID based Voting machine
- Code Reading Shopping trolley for departmental store Billing system
- Wait less Highway toll collection and GSM technology system
- RFID based railway Ticket Reservation system reducing Rushes
- Advanced Forest Animal tracking system using RFID
- RFID based Automatic car parking system and locking system
- An integrated solution of Ultrasonic Obstacle Avoidance and Blind Navigation System using
- Position location and navigation aid for blind (Using RFID and Ultrasonic module)
- Library Books Maintenance by RFID Tags Reducing human effect
- An Intelligent Bio- Medical information system using RFID
- Automatic RFID based Door opening and closing system in home
- RFID read and write based Banking system for eliminate error
- RFID read and write based Score card for industries

**ZIGBEE PROJECTS**

- Modern restaurants automation using Zig-Bee technology
- Wireless Road Power Energy automation system by Zig-Bee controller
- Zig-Bee based automated irrigation and control system
- Advanced Multi power plant monitor and Error rectifying system
- Indoor Wireless E-notice board with multiple receivers
- Forest Fire Detection System based on a Zigbee Wireless Sensor Network
- Development on Gas Leak Detection and Location System Based on Wireless Sensor Networks
- Automatic Wireless Messaging Using Zig-Bee in vehicle theft
- Zig-Bee based hospital management system in all Patient Monitoring system
- Elder people health monitor system using Zig-Bee technology
- Zig-Bee controlled Multi device communication system
- Home monitor and control system using Zig-Bee technology
- Train accident prevention and monitoring system using Zig-Bee network
- Advanced patient monitoring and alert system using Zig-Bee for home.
- Patient health monitoring and alert system using Zig-Bee technology within the hospital

**ENTERTAINMENT PROJECTS**

- Implementation of Microcontroller based mp3 player
- Design of voice based electrical appliances control for Industrial automation
- Home automation for disable persons using his personal voice tag
- Automatic Speech Recognized Auto Control operated robot
- Effective FM based college notice annunciated system

**SMART CARD PROJECTS**

- Paperless E-Cash Management System By Using Smart card Technology
- Automatic Smart card based Data Logging Present system
- Unique ID card design for personal data transactions using smart card technology
- Automated Smart card technology for electricity board
- Analysis of an E-Health Care System with Smart Card Based Authentication
- Authenticated And Access Control System For Device Using Smart Card Technology

**BIO-MEDICAL PROJECTS**

- Patient Health Monitoring And Alert System Using Mobile Technology
- Advanced patient monitoring and alert system using Zigbee and GSM for hospitals and old age home’s
- Patient health monitoring and alert system using Zigbee technology within the hospital
- An Intelligent Connectionless Biomedical Monitoring using RF system
- A wireless blood pressure monitoring system for personal health management
- Microcontroller Based Retail Pharmaceutical Tablets Counting Device
- Intelligent wireless based heart beat monitor and controlling system
- Body Temperature Monitor and Alarm System Used in Hospital Based on 1-Wire and Wireless Communication Technology
- Real-time vision web based respiration monitoring system
- Bio medical health card with monitoring system by an Wireless
- Implementation of real time embedded Tele-health pulse monitoring system
- Automatic Human body temperature, respiration and heart monitor and alarm
- Advanced multi-channel temperature monitor & controller
- Design and Construction of a Continuous Ambulatory Electrocardiogram Recorder
- Improvement of patient monitor system in Hospital
- Design of Respiration and pulse rate monitor and control

**SENSORS PROJECTS**

- PWM based Light Intensity Control using Passive Infrared Sensor (PIR)
- Power Saver System for Auditorium based on people Density
- Touch screen Based Appliances control system
- Alternate and Shortest path Finder for Vehicles in High Traffic Density Areas
- Time Sharing from Less Traffic Direction to Heavy Traffic Directions for signals
- Standby Power Saving system for Electrical Appliances
- Wireless Power Saving and alert system
- Secure Transaction in ATM using Short Message Services
- Eye Gaze Wheel chair control system
- 3-Axis Accelerometer Home Appliance Control system for Physically Challenged People
- Train speed Assessment in Railway Level Crossings
- Footboard Passenger alert and control System for buses
- Elderly People Home health Care monitoring and alert system
- Over tonnage Warning System for Vehicles in Toll Gates and Check posts
- Effective Driver License Approving system
- Appropriate Bus identification system for Blind Peoples
- Effective Ultrasonic based Path Planning for the Blind Person in secure way
- Position location and navigation aid for blind (Using RFID and Ultrasonic module)
- Intelligent system for hazardous gas, Human detection and temperature monitor control using GSM technology
- GSM based industrial protection system using Temperature, Smoke sensors and Light Dependent Resistor
- Automatic Human detection by live body sensor and heat sensor
- Intelligent Vehicle tracking and controlling using acoustic & view Sensors
- Automated System for Fault Analysis in Industries and intimation through SMS
- PC based Wireless Weather monitoring System – Data updating using RTC
- PC based data acquisition system by stimulating SPI and i2c protocol implementation (temperature vs. time graph)
- Power Harvesting For Smart Sensor Networks In Monitoring Water Distribution System

SECURITY PROJECTS

- Access control system using I-button with secret lock system in Banking
 Indoor Building Production Security Process Controlling Using RF
 A Service of Home Security System on Intelligent Network
 Electronic eye with security system using SMS alert and automatic door lock facility
 GSM security alert system for Fire and LPG Gas leakage
 Anti theft alert and auto arresting system for museums and jewelry shops
 Safety guard security system for industries with sensors and web cam
 E-Passport and the Future of Government-Issued Code word Based Identification
 Integrated real-time ATM system design using Microcontroller (Fingerprint & Smart Card)
 Human touch Authentication and Controlling System of Devices in home
 Biometric finger print identification based bank locker security system
 Implementation of Student daily Data Logging Attendance system
 Multi model Bio-matric Finger print based Production security system
 Electronic voting system design for Rigging-free Governing using SMARTCARD & Biometric (Fingerprint)
 Automation Security Door opening and closing system in hospital emergency

**INDUSTRIAL PROJECTS**

 Standby Power Saving system for Electrical Appliances
 Overload warning System for Industries and Homes
 Industrial Power Theft Identifier system
 Intelligent system for hazardous gas, Human detection and temperature monitor control using GSM technology
 GSM based industrial protection system using Temperature, Smoke sensors and Light Dependent Resistor
 Real-time industrial process monitoring & control using GSM phone
 Detecting the conditions of remote areas through data acquisition system using RF (Zigbee) module (more than one sensor)
 Industrial safety measures system with sensors with voice indication
 Industrial monitoring of power equipments and controlling according to status
 Sequential control system for Diagonal Neural conveyer system
- Carbon Monoxide Monitoring and Controlling using Wireless Sensor Network
- Implement of an Connection less PH Information System
- Automatic packing control machine for industrial application using Embedded

**AUTOMOBILE ELECTRONIC PROJECTS**

- Mode Based Navigation for Autonomous Mine Vehicles Finger print based Ignition system
- Automatic Gate Railway System for avoiding an accident avoid an human error
- Speech Recognized Zig-Bee Operated Vehicle and monitoring navigation system
- Automatic Sun Solar Illumination Controlling and Tilting Vehicle
- Wireless Mobile Text Message Operated Transportation and monitoring system
- Design and implementation of a car parking system using wireless sensor networks
- Effective Ultrasonic Parking monitoring Guidance System using wireless
- Intelligent Brake Failure Indicator for Four Wheeler
- Automatic brake controller for opposite vehicle using Embedded
- Design and development of a GSM based vehicle theft control system
- An Intelligent Vehicle Identification Security Alert System
- Implementation of Ultrasonic Reverse Alarm for Vehicle
- Intelligent Vehicle Energy Information Monitoring system
- Vehicle Status Monitoring System using GPS
- Intelligent Railway Signaling System avoid drastically accident
- Efficient Automatic Dim and Tripper
- Automatic Railway Controller with Wireless Connectivity
- Advanced Improvement of Digital Odometer systems
- Implementation of Automatic Fuel vending Machine
- Digital Ignition Sequencer in Embedded
- Online Vehicle Tracking System with GPS
- Resent trends of GPS & GSM Interface for Tracking System
- Off line Vehicle Tracking System with GPS
- Accident Prevention System for Railways Using GPS
- Automatic Vehicle Speed Gearing System
- Tire Position Monitoring System using sensors
- Implementation Driver Information System using GPS
- Building an autonomous light finder robot
- Solar Power Automatic Car moving system
- Adaptive Wind Screen Wiper Control
- Brake Failure Indicator for Two Wheeler
- Design of solid state ignition RF power controller
- Automobile Performance Analyzer and improve method
- Remote Controlled Vehicle in Omni directions
- Advanced Wireless Power Jack controller
- Implementation of Vehicle Overload Indicator using sensors
- Intelligent Data Logger for Four Wheel controller
- Effective Ultrasonic Radar for Highways
- Vehicle Obstacles Indicator cum Controller
- Implementation of Automatic Vehicle Brightness Leveling System
- Shock and Temperature Recorder using RF-FSK
- Crash Detector using GPS system and Recovery
- Advanced Driver Assistance System
- Artificial Electronic Stability Controller in embedded
- Automatic GPS Based Navigation System
- An Intelligent Formula Racing Robot
- Embedded Key for Automobiles observing system
- Gas Monitoring System For Automobiles
- An Vehicle Driver Smart Driving Steering System
- Railway Barrier Monitor and controlling
- Embedded Technology for vehicle cabin safety Monitoring and Alerting System
- Auto controlling vehicle design to avoid the accidents (speed control & head light intensity control)
- Dash board design using can bus (speed, temp & fuel)
- Vehicle Authentication System using RFID detection
- Effective Embedded based automobile performance analyzer
Advanced Adaptive Lighting System for Automobiles
Auto clutch for automobile using wireless communication

**WIRELESS PROJECTS**

- Intelligent Power Distribution from EB Based on Power Generation
- Sensor networks for tracking of small mammals monitoring system
- Location Based Vehicle Information Tracking System Using Wire Sensors
- Advanced Speech recognition using LMS algorithm
- RF based Remote control Robot For Omni directions
- PC Controlled Wireless Robot Using RF Module with Feedback Sensor To Detect Fire and Temperature

- Design and implementation of RF controlled Robotic arm for industrial and commercial applications
- Remote Access PC Controlled Wireless Robot (RF + PC)
- Automatic Collision Detection Using RF
- Secured speech Frequency Transformation system
- Automatic Speech compression using DWT
- Speech based switching control using MFCC
- Speed control through Speech using HMM
- Accident Identification System using GPS and GSM
- Effective Wireless Camera Position System in home
- Remote PC Home Automation Productivity Communication System
- Implementation of RF Based Person Polling Machine
- An Connection less Security System detecting a human error
- Wireless Entertainment Music Communication System
- Micro Controller Based Wireless Recorder for Biomedical Signals
- Designing Wireless Interfaces for Patient Monitoring Equipment
- Innovation of Embedded wireless web server camera
- Advanced wireless structural monitoring in Industries
- Connection less RF Based Transformer Monitoring System
Wireless Offset Printing Machine
Wireless motor Speed monitor and controlling system
Wireless energy transmitter with tariff system
Effective Wireless Hospital Management System
Implementation of a digital controlled RF wireless Remote Control for AC
Zigbee Communication Water Meter Reading System
Wireless Alternator Controller in industrial system
Implementation of Bi-directional Communication Based Window Controller
Implementation of Accident Identification with Auto dialer
Artificial Wireless Lift Controller and monitoring
RF Based Automatic Speed Limiter for Vehicle
Advanced Remote Controlled Movable Crane
Wireless Water Level Controller using sensor
Efficient RF Based Scrolling Display monitoring system
Wireless Tracking System using GPS location finder
Wireless Transmitter for Credit Card Reader and information storing
Railway Anti-collision System using GPS and monitoring system
Design and Implementation of Wireless Video Monitor and Controller
Bluetooth Based Fire Location Monitor System in industry accident prevention system
Wireless Video Conferencing System using web server
Design of Wireless Motor Management System in industrial Application
Advanced Wireless Controller for Wind Mill and monitoring system
Accident Identification System with location identifier using GPS
Implementation of Wireless Controlled and monitoring Intelligent Baby Bed
Wireless Controlled Dancing Fountain using sensor networks
Advanced Wireless Controlled Metal Detector in Mine areas
Implementation of the Wireless Single Phase Preventer cum Power Failure Indicator
Design of wireless powered RF temperature monitoring system applied to the rotor of generators

PC INTERFACING PROJECTS
- A PC-Based System for Automated IRIS Recognition under Open Environment
- PC based data acquisition system by stimulating SPI and I2C protocol implementation (temperature vs. time graph)
- PC Controlled Wireless Robot Using RF Module with Feedback Sensor To Detect Fire and Temperature
- Touch screen based system shutdown, restart and log off using Zig-Bee technology
- PC Based Monitoring and controlling Global Positioning System Using GPS
- PC Controlled Wireless Robot for in Omni directions (RF + PC)
- PC based Wireless Weather monitoring System – Data updating using RTC
- Automatic Pc based Mail Transfer System using Ethernet
- PC Based patient ECG & Temperature Monitor
- IVRS Based Reservation System in Railway avoiding queue
- Automatic Online Machine Control System by using TCP/IP Stack
- An Effective Power Line PC to PC Communication
- Windmill Monitoring Using Internet and wireless camera
- Wireless Communication From PC To PIC Microcontroller
- Implementation of Wireless communication From PC TO PC
- PC to Microcontroller communication Through USART
- SMS Controlled Monitor and Controller home appliances
- Simple and Effective Coin Based Online Access by Zig-Bee
- Implementation of PC to PC with Neural Based Encryption
- PC Based Path Tracking of a Car using ultrasonic
- Wireless PC Transformer Testing access by an transmitter
- PC Based Programmable Coil Winding Machine
- A reconfigurable digital IC tester implemented using the PIC Integrator rapid prototyping system
- PC to PIC controller communication Through USART
- Intelligent PC to PC Communication Through Infrared ray sensor
- Current Loop Modem Communication from MC to PC
- Cost less Effective AC Power Line Used PC to PC Communication
- An active PC Based Machine Shop Controller and monitoring
- Invention of SMS Controlled Electrical and Electronics Appliances
- Intelligent Illumination Dim and bright Control by an PC Communication
- PC Based Online Industrial Monitor using Remote instrumentation control
- PC Based Online Fault Identifier in Industries
- Integrating Embedded PC and Internet Technologies for Real Time Control & Imaging
- Providing information by data carrier + Networks information ensuring for the visually impaired
- Implementation of PC to PC Communication Through Landline in Industries
- Lossless PC to PC Communication Through Optical Fiber cable
- PC to PC Communication Through IR in home automation
- System to System Communication Through Laser identification
- Voice Operated Motor Controller in industrial Application
- Effective Voice Operated Motor Home Appliance Controller
- Indoor Appliance Controlling Using Outdoor PC through web
- PC Based Home equipment controlling and monitoring system
- SCADA Implementation in industrial automation control and monitoring system
- Intelligent PC Based Process controller using Embedded system
- Design and Implementation of PC Based Energy Meter by using RF communication
- Effective PC Based Stepper Motor Controller in industry
- Advanced PC Based Servo Motor Controller and speed changing
- Implementation of PC Based Temperature Controller
- PC Based Speed Control of PMDC Motor in industry
- Speed Control of DC Shunt Motor in industrial control
- Innovation of PC Based Soft Stator Ac drive operation system
- Industrial Automatic PC Based Motor Tester Equilibration
- Automatic Speech Controlled DOS Command Operation
- A Windows based GUI software tool for system protection in PC environment
- Intelligent Fire Monitor Using Blue Tooth Technology
- Automatic syntheses Load Share active resistance's transformers
- Wireless Control and Communication to Pc based Voice Operated Vehicle
- Implementation of PC Based Patient Monitoring System
- SMS based Controlled Security System
- Secured cellular banking protocols using virtual internet with digital marking
- Mobile Controlled Smart PLC with Integrated SMS Troubleshooting Technique
- Multi drives modulation synchronization via field- Electrical bus
- ECG Signal Wireless Transmission and PC Monitoring
- Tester Simple digital test approach for embedded VI /based Automated -pump
- Systematic control of Closed Loop Position Control System
- Simulation approach on step speed control of Open-loop Motor using Lab View
- Performance analysis of Industrial security layer on embedded web services
- Process Control Station Using WEB Browser observing system
- Online speed control of DC motor with LAN configuration
- Solutions for SCADA system communication reliability in photovoltaic power plants
- Railway Hazardous and Damages Monitoring System Based on Wireless Sensor Network
- Real time monitoring and control in transmission line in SCADA
- Online self-tuning ANN-based speed control of a PM DC motor
- PC Based Monitoring System for Hydel Power Station
- motor monitoring and energy management system based on wireless sensor networks
- Smart configurable wireless sensors and actuators for industrial monitoring and control
- Design of Clinic Patient Body Temperature Wireless Remote Concentration Monitor System Based on VI
- Speed Control of Universal Motor using PID Technique
- Process of Auto-tuning PID control of a small electric-heating reactor
- Integrated multichannel wireless biotelemetry system
- A design for Controller Area Network bus real-time monitoring system
- Zig-Bee Wireless Sensor Network for better Interactive Industrial Automation
- Implementation of Lab view Based Industrial Controller and monitoring
Remote Controlling and Monitoring System to Control Electric Circuitry through SMS using a Microcontroller
Design of a multi-channel pre-beam form data acquisition system for an ultrasound research scanner
Design of automatic energy saving-monitor for reducing the waste of PC electricity
Automatic PC/GSM/Network based Home Automation system
PC/GSM/Network based Industrial Automation system with load shedder
Development of an automatic meter reading system based on Zig-Bee PRO Smart Energy Profile IEEE 802.15.4 standard
Current Loop Modem Communication from MC to PC
Intelligent Voice Operated Intelligent Fire Extinguisher Vehicle

PROGRAMMABLE LOGIC CONTROLLER (PLC) PROJECTS

PLC based automatic car washing system
Boiler automation and temperature controlling using PLC
Automatic coffee vending machine and temperature monitoring in PLC
PLC based filter reactor in sugar factory and maintenance
Liquid level controller in industry application in PLC
PLC based automatic car parking system
PLC based automatic industrial drainage timer
Industrial timer controller using ladder logic
Industrial timer controller for multiple machines
Industrial counter for conveyer avoid human error and safety in industry
Advanced PLC based robot automation for industry and domestics application
Implementation of pressure controller and monitoring using PLC
Industrial monitor and controlling based on PLC
PLC based plate cutting machine and robot monitoring system
PLC based fire monitor and adjusting using SCADA system
PLC based special purpose machine and controlling
Ac motor speed control using PLC input switches
ANALOG & DIGITAL PROJECTS

- Advanced Cost less Internal Communication Using AC Power Socket
- Implementation of Earth Damage prevention and avoidance System
- Implementation of Thermal Sensing Information System using sensor
- Design and performance of automated test system of electro-hydraulic proportional valve
- Automatic Solar Power Energy Cell Charger using an robot
- Modern Design of An Wireless Fire Related Accidents Prevention
- An Intelligent Water Wastage Totally less System
- Zigbee Based Localized Area Networking System in industries
- PC Wireless Monitor and Controlling Street Light ON/OFF
- Easy Way to Finding Vehicle Weighing Machine using Zigbee
- Advanced Hard Material Finder in embedded system
- Electronic Soft Starter for Three phase Motor
- Implementation of Electronic Clap Switch working in frequency based
- Irrigation of Audio Transmission through Power Line
- Patient ECG Monitor through CRO For hospital application
- Effective Lossless Audio Transmission through OFC
- An Cooking Energy Leakage System in home
- An Intelligent Drinker Finder Using PATROL Police
- Any Hazard Vibration Alert security System
- RF communication of Two Station Power Line Intercom
- Design of Load Governor for Single Phase Motor
- Implementation of Heavy Rain Prevent System using sensors
- Technique for Visualization of Digital Fridge Door Alarm Safety
- Wireless Frost Alarm and warning switch indicator
- A multifunction domestic Door bell alert system for the deaf-blind
- Timer for Microwave Oven and power saving system
- Letter Box and Person in/out Monitor System
- Automatic Voice Based Switching System and monitoring system
- Advanced Security Fail Switch on TV and Image Capture
- Automatic Water Level Controller for Home
- Digital Accurate Display Thermal Energy Indicating System
- An Connection less Temperature Monitoring and Controlling System