

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 Retrieving 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
- On Line Temperature Monitoring of Power Distribution Equipment Autonomous Navigation of RFID Sensing Robots
- 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 (360 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 finger print 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 automization 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
- A Design of Home Network Security Protocol User Authentication Using Blue Tooth Technology
- Intelligent Fire Monitor Using Blue Tooth Technology

- Automatic syntheses Load Sharer 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