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Promise for the Best Projects

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Modern Power Electronics and Motor Drives, Control, Electrical Projects - IEEE 2009

- **A Modular Single-Phase Power-Factor-Correction Scheme With a Harmonic Filtering Function - 2009**
- **A new approach to improve power factor and reduce Harmonics in a three phase Diode Rectifiers that Apply Optimal current Injection - 2009**
- **A Novel Unity Power Factor Input Stage for AC Drive Application**
- **A Soft-Switching Synchronous Buck Converter for Zero Voltage Switching (ZVS) in Light and Full Load Conditions – 2008**
- **A Three-Phase Reduced Switch High Power Factor Buck-Type Converter - 2008**
- **Active filter design and specification for control of harmonics in industrial and commercial facilities - 2009**
- **Analysis and Design of a Three-Phase Reduced Switch Buck-Type Rectifier for power factor correction - 2009**
- **Analysis and implementation of a zero voltage switching bi-forward converter -IEEE2008**
- **Analysis and Implementation of Switched-Capacitor/Switched-Inductor Structures for Getting Transformer less Hybrid DC–DC PWM Converters – IEEE – 2008**

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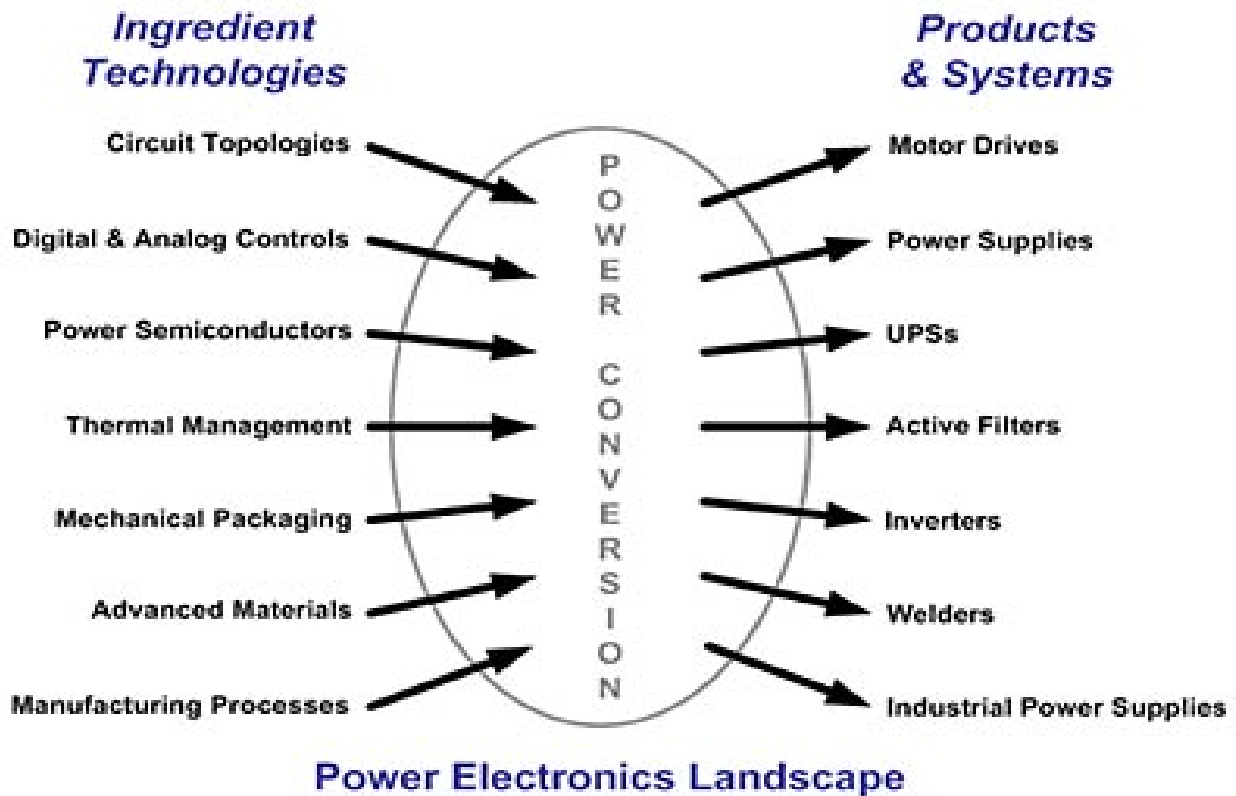
- **Design and control methodology of Shunt Active Power Filter for Harmonic Mitigation – 2009**
- **Designs and Analysis of Zero-Voltage-Switching DC–DC Converters with Synchronous Rectifiers - 2008**
- **Dynamic Modeling and Control of a Zeta Converter - IEEE 2009**
- **Harmonic distortion and reduction techniques of Non-linear loads employing PWM inverter based Active power filter - 2009**
- **Modeling the PWM Zeta Converter in Discontinuous Conduction Mode - IEEE 2009**
- **Power Factor Correction and Active Filtering Technology Application for Industrial Power Systems with Non-linear Loads - 2009**
- **System harmonic compensation using PWM voltage source Inverter based Shunt Active Power Filters - 2009**
- **Three-Phase Rectifier With Active Current Injection and High Efficiency - IEEE 2009**
- **Unity-Power-Factor Operation of AC–DC Soft Switched Converter Based On Boost Active Clamp Topology in Modular Approach - IEEE 2008**
- **Zero voltage switching DC link single phase Pulse width modulated Voltage source Inverter- IEEE 2007**
- **Applications of Short-Range Wireless Technologies to Industrial Automation: A Zigbee Approach – 2009**
- **Solar Power Generation using SPS and Wireless Power Transmission – 2009**
- **A Fuzzy Logic based Supervisory Hierarchical Control Scheme for Real Time Pressure Control – 2009**
- **AI based Design of a Fuzzy Logic Scheme for Speed Control of Induction Motors using SVPWM Technique – 2009**
- **A Zigbee and Zigbee-to-IR Device Control Scheme for Single Media Multi Devices – 2009**
- **Global and Local Chassis Control based on Load Sensing – 2009**

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Power Quality and Harmonics filters | ZVS and ZCS converters | Improved power quality converters and inverters | Power factor corrected AC-DC converters | Switching mode converters | Soft switching converters | Multilevel inverters | Solar power converters | Fuel cell based converters | Power system based converters

- **New Power Quality Solutions Especially Designed for Industrial Applications – 2009**
- **Sensor Networks for Industrial Applications – 2009**
- **Fuzzy Logic based Control of Variable Speed Induction Machine Wind Generation System –2009**
- **Direct Yaw Moment Control of an In-Wheel-Motored Electric Vehicle based on Body Slip Angle Fuzzy Observer – 2009**
- **Fuzzy Multi-State Allocation of the Diesel Engine Fuel Supply System – 2009**
- **Design and Development of ARM Processor based Web Server – 2009**
- **A Study of New Techniques of Controlled PWM Inverters – 2009**
- **Robust Control of DC Motor using Fuzzy Sliding Mode Control with PID Compensator – 2009**
- **Novel Half-Bridge Inductive DC–DC Isolated Converters for Fuel Cell Applications - 2009**
- **Analysis and implementation of an Improved Soft-switched Synchronous Buck Converter – 2009**
- **High step-up resonant push–pull converter with high efficiency – 2009**

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- Photovoltaic-Battery-Powered DC Bus System for Common Portable Electronic Devices – 2009
- Present States and Development of the Single-stage Uninterruptible AC-DC Converters – 2009
- A Hybrid PWM Resonant Converter Suitable for Wide Input Variation – 2009
- Family of Soft-Switching PWM Converters With Current Sharing in Switches – 2009
- Design, study, modeling and control of a new single-phase high power factor rectifier based on the single-ended primary inductance converter and the Sheppard–Taylor topology – 2009
- Implementation of a Zero Voltage Switching Sepic-Cuk Converter – 2009
- Sensor less Control of SEPIC and Cuk Converters for DC Motors using solar Panels – 2009
- Bridgeless SEPIC Rectifier With Unity Power Factor and Reduced conduction Losses – 2009

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- **A Modified SEPIC Converter with Soft-Switching Feature for Power Factor Correction – 2009**
- **A Novel Zero-Voltage-Switching Single-Stage High-Power-Factor Electronic Ballast. – 2009**
- **A Three-in-One Converter for Regular and Emergency Lighting applications – 2009**
- **A Design Methodology for a Self-Oscillating Electronic Ballast – 2009**
- **A Novel Power Management Control Strategy for Stand-alone Photovoltaic Power System – 2009**
- **Analysis and implementation of Z source based Single Stage Solar Cell Converter for power supply applications - 2009**
- **Analysis and implementation of Vienna Rectifiers in Distribution Power System – 2009**
- **ZVS Resonant DC-link Inverter using Soft Switching Boost Converter – 2009**
- **Improved Z-Source Inverter With Reduced Z-Source Capacitor Voltage Stress and Soft-Start Capability – 2009**
- **A novel DC-AC Single Phase Resonant Inverter using soft switching boost converter – 2009**
- **A Novel Approach to Reduce Line Harmonic Current for a Three-phase Diode Rectifier-fed Electrolytic Capacitor-less Inverter – 2009**
- **Analysis and Implementation of a Hybrid High-Power-Factor Three-Phase Unidirectional Rectifier – 2009**
- **Application of Random PWM Techniques for Reducing the Electromagnetic Interference of Vienna Rectifiers in Distribution Power System – 2009**
- **Improving mains current quality for three phase three-switch buck-type PWM rectifiers – 2009**
- **Analysis and Design of Three-Phase Rectifier with Near-Sinusoidal Input Currents - 2009**
- **Single-Phase Matrix Converter Operating as Buck and Boost Rectifier - 2009**

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- **Single-Phase Z-Source Buck-Boost Matrix Converter - 2009**
- **A Single-Stage Single-Phase Transformer-Less Doubly Grounded Grid-Connected PV Interface - 2009**
- **Hybrid Modeling and Simulation for the Boost Converter in Photovoltaic System - 2009**
- **Design and Control for Grid-connected Photovoltaic Inverter with LCL Filter - 2009**
- **Quasi-Z-Source Inverter for Photovoltaic Power Generation Systems - 2009**
- **Power Injection System for Photovoltaic Generation Plants with Active Filtering Capability - 2009**
- **The Electronic Ballast Using Class-E Rectifier with Tapped Inductor for Power Factor Correction - 2008**
- **A Novel Reference Compensation Current Strategy for Three-phase Three-level Unity PF Rectifier - 2009**
- **Single-Stage Soft-Switching Converter With Boost Type of Active Clamp for Wide Input Voltage Ranges - 2009**
- **Transformer less DC–DC Converters With High Step-Up Voltage Gain used for photovoltaic interface Application - 2009**
- **A Zero-Voltage-Switching Bidirectional DC–DC Converter With State Analysis and Soft-Switching-Oriented Design Consideration - 2009**
- **Soft-Switching Capability Analysis of a Dual Active Bridge Dc-Dc Converter - 2009**
- **Comparison of Control Methods for High-Voltage High-Power Three-Level Half-Bridge DC/DC Converters - 2009**
- **Design of High Voltage, High Power and High Frequency Transformer in LCC Resonant Converter - 2009**
- **LCC Resonant Converter Operating under Discontinuous Resonant Current Mode in High Voltage, High Power and High Frequency Applications - 2009**
- **Design of LCL-T Resonant Converter Including the Effect of Transformer Winding Capacitance – 2009**

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- **A Non-isolated Bidirectional ZVS-PWM Active Clamped DC–DC Converter - 2009**
- **Analysis and implementation of Single-Switch Quasi-Resonant Converter - 2009**
- **Loss Analysis in Soft Switching Boost Converter using a single switch - 2009**
- **A Novel Soft Switching Flyback Converter with Synchronous Rectification - 2009**
- **Zero-Current-Transition Bridgeless PFC Without Extra Voltage and Current Stress - 2009**
- **An Efficient Common-Mode Hybrid EMI Filter Used in Switch-mode Power Supply - 2009**
- **Active-Clamp ZVS Converter with Step-Up Voltage Conversion Ratio - 2009**
- **Passive and Active Hybrid Integrated EMI Filters - 2009**
- **Modeling and design of a neutral point regulator for a three level diode clamped rectifier - 2009**
- **A novel three-phase PFC rectifier using a harmonic current injection method - 2009**
- **Single-Stage Fly back Converter for Constant Current Output LED Driver with Power Factor Correction - 2009**
- **A Modified SEPIC Converter for High Power Factor Rectifier and Universal-Input Voltage Applications - 2009**
- **A Compensation Technique for Smooth Transitions in Non-inverting Buck-Boost Converter - 2009**
- **A Novel Hybrid Operational Mode Wide Range Input ZVS Front-end Dc-Dc Converter Aiming at Optimized Overall Performance - 2009**
- **A Novel Low-Loss Modulation Strategy for High-Power Bidirectional Buck + Boost Converters - 2009**
- **A Novel ZVZCS LLC-Type Parallel Resonant Converter with A Separated Resonant Tank - 2009**
- **An Interleaved Boost Converter With Zero-Voltage Transition - 2009**

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- **Analysis and implementation of Switched-capacitorized DC/DC Converters - 2009**
- **Analysis of Super-Lift Luo-Converters with Capacitor Voltage drop - 2009**
- **Compensation Loop Design of A Photovoltaic System Based on Constant Voltage MPPT - 2009**
- **Design and Comparison of Two Front-end DC/DC Converters: LLC Resonant Converter and Soft-switched Phase-shifted Full-bridge Converter with Primary-side Energy Storage Inductor - 2009**
- **Design Oriented Analysis of Modern Active Droop Controlled Power Supplies - 2009**
- **Distributed Z-Source Network DC-DC Converter - 2009**
- **High-efficiency module-integrated photovoltaic power conditioning system - 2009**
- **Light-Load Efficiency Improvement for Buck Voltage Regulators - 2009**
- **Single-Stage Offline SEPIC Converter with Power Factor Correction to Drive High Brightness LEDs - 2009**
- **Single-Stage Single-Switch Switched-Capacitor Buck/Buck-Boost-Type Converter - 2009**
- **Stability analysis of two-cell buck converter driven DC motor with a Discrete-Time closed Loop - 2009**
- **Three-Switch Active-Clamp Forward Converter with Low Switch Voltage Stress - 2009**
- **Topology and analysis of Voltage-lift-type Cuk converters: - 2009**
- **CAN based Synchronized Motion Control for Induction Motors – 2009**
- **Novel Nine-Switch PWM Rectifier-Inverter Topology for Three-Phase UPS Applications – 2009**
- **A Simple Control Scheme for Single-Phase Shunt Active Power with Fuzzy Logic based DC Bus Voltage Controller – 2009**
- **Space Vector Pulse Width Modulation based Speed Control of Induction Motor using Fuzzy PI Controller – 2009**

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- **Energy Efficient Control of Three-Phase Induction Motor – A Review – 2009**
- **Speed-Sensorless, Adjustable-Speed Induction Motor Drive based on Dc Link Measurement – 2009**
- **A Bridgeless PFC Boost Rectifier with Optimized Magnetic Utilization – 2009**
- **A Review of Non-Isolated High Step-Up DC/DC Converters in Renewable Energy Applications – 2009**
- **An Interleaved Twin-Buck Converter with Zero-Voltage-Transition - 2009**
- **Analysis and design of a current-fed zero-voltage-switching and zero-current-switching CL-resonant push-pull dc-dc converter - 2009**
- **Analysis and implementation of An Efficient Active LC Snubber for Forward Converters - 2009**
- **Analysis and implementation of positive output super lift converter techniques - 2009**
- **Digital Control of Resonant Converters: Enhancing Frequency Resolution by Dithering – 2009**
- **Semi-Digital Interleaved PFC Control with Optimized Light Load Efficiency – 2009**
- **Control and Protection of Power Electronics Interfaced Distributed Generation Systems in a Customer-Driven Microgrid – 2009**
- **Research on Measuring Equipment of Single-phase Electricity-Stealing with Long-distance Monitoring Function – 2009**
- **Development of Energy Management and Warning System for Resident: An Energy Saving Solution – 2009**
- **Sufficient Sunlight Supply for Home Care using Local Closed-loop Shutter Control System – 2009**
- **Home Appliance Energy Monitoring and Controlling based on Power Line Communication - 2009**
- **Comprehensive Approach to Modeling and Simulation of Photovoltaic Arrays - 2009**

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- **A Novel Zero Voltage Transition Synchronous Buck Converter for Portable Application – 2008**
- **Detection and Recognition of End-of-Speed-Limit and Supplementary Signs for Improved European Speed Limit Support – 2008**
- **Soft Switched AC-Link AC/AC and AC/DC Buck-Boost Converter – 2008**
- **Improving Speed Control of Induction Motors through Fuzzy-SMC-PI Control – 2008**
- **A Fuzzy Logic Controlled Sliding Mode Control (SMC) of Inverter in Shunt Active Power Filter for Power Quality Improvement – 2008**
- **Design of an Intelligent Bi-Directional DC-DC Converter with Half Bridge Topology – 2008**
- **Direct Torque Neuro Fuzzy Speed Control of an Induction Machine Drive based on a New Variable Gain PI Controller – 2008**
- **Embedded Controlled Z Source Inverter Fed Induction Motor Drive – 2008**
- **Multi-Input Fuzzy Logic Controller for Brushless DC Motor Drives – 2008**
- **Smart Configurable Wireless Sensors and Actuators for Industrial Monitoring and Control – 2008**
- **Design and Implementation of PLC-based Monitoring Control System for Three-Phase Induction Motors Fed by PWM Inverter – 2008**
- **A Distributed Measurement System to Estimate Plant Water Content in Agricultural Fields based on Wireless Sensor Networks – 2008**
- **Operational Analysis and Comparative Evaluation of Embedded Z-Source Inverters – 2008**

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- AI base Design of a Fuzzy Logic Scheme for Speed Control of Induction Motors using SVPWM Technique – IEEE 2009
- CAN-based Synchronized Motion Control for Induction Motors – IEEE 2009
- Fuzzy Multi-State Allocation of the Diesel Engine Fuel Supply System – IEEE 2009
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- Embedded Controlled Z-Source Inverter Induction Motor Drive – IEEE 2008
- Improving Speed Control of Inductions through Fuzzy-SMC-PI Control – IEEE 2008
- Multi-Input Fuzzy Logic Controller for Brush less DC Motor Drives – IEEE 2008
- A New Simplified Multilevel Inverter Topology for DC-AC Conversion
- Boost DC-AC Inverter: A New Control Strategy
- Data Acquisition System for Large Electrical Drive
- Distribution & Electrical Substation System & Automation-SCADA
- Electrical Network Automation & Communication Systems
- Energy Saver for Auditoriums

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- **Electronic Numeric Key Board cum Motorized (Mechanism) Safety Locker System with Electronic Security System**
- **IGBT based PWM Inverter using Microcontroller**
- **Energy Saving using Thyristorized Power Converters**
- **Multiple Starters with Over Load and Low High Voltage Protection**
- **Fault Tolerant Neuro Controlled Level Processing Panel**
- **Energy Saving in Single Phase Induction Motor using A.C Chopper**
- **Fuzzy Logic based Faults Identification System for a Three- Phase Induction Motor**
- **Intelligent Power Sharing of Transformers with Auto Protection**
- **Measurement of the Radio Frequency Signal of a Circuit-Breaker**
- **Microcontroller based Measurement of Current, Voltage, Power Factor and Temperature**
- **Multichannel Petrochemical Fire Sensor, Monitoring and Control System with Automatic Telephone Dialing**
- **Neural Implementation of Energy Consumption In Power Distribution**
- **Neural Implementation of Fault Diagnosis of Transformers**
- **Power Line Fault Analysis, Monitoring and Load Sharing System**
- **Programmable Temperature Control System**
- **Remote Access Control and Automation System for Electrical Appliances using Telephone Line**
- **Remote Data Monitoring & Data Analysis for Power Station**
- **RF based Intelligent Handheld Multi-Parameter Monitoring System with LCD Display and DAS**
- **Soft Starter and Energy Saver for 1-Phase Induction Motor using Bi-directional Voltage Regulator**
- **Fuzzy Logic based Speed Control of AC Motor using Microcontroller with Line Fault Identification**

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- Thermal Overload Protection for Transformer
- Cycloconverter Drive for AC Motors
- Digital PID Controller Based Speed Control of DC Motor
- Efficiency Detector for Relay & Circuit Breaker
- Soft Switching PWM Three Level Converters
- Wireless DC Motor Speed Control using TRIAC
- Speed Control of DC Motor with Field & Armature Control
- Fuzzy Logic based Speed Control of DC Motor
- PWM Based Bi-directional Speed Control of DC Motor
- Speed Control of a Linear Induction Motor V/F Technique
- Speed Control of DC Motor Using FQ / TQ Chopper Drive
- Voice Control based Speed Control of DC Motor
- Single Phase Multilevel Inverter SPWM with PC Interface and OLR
- Fuzzy PID based Speed Control of AC Motor using Microcontroller
- Noise Less Speed Control of DC Motor Using PWM Converter
- Fuzzy Based Speed Control of Induction Motor using Microcontroller
- Sensor less Speed Control of AC Induction Motor using Microcontroller
- Single Phase Input to DC Output – DC Motor Drive-Armature Voltage Control
- Single Phase Thyristorized Power Controller for Industrial Applications
- Microcontroller Based Firing Circuit for Thyristor Converters
- Voltage Stresses on Stator Windings of Induction Motors Driven by IGBT PWM Inverters
- Bluetooth enabled Intelligent Handheld Multiparameter Monitoring System
- Design and Practical Implementation of Internet Based Predictive Control of A Servo System

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- Digital Tachometer using IR Optical Encoder Sensor
- Distribution & Electrical Substation System & Automation-SCADA
- Electronic Switching System Tackling Power Cut
- Energy Saving System in Single Phase Induction Motor using AC Chopper
- Energy Saving System Using Thyristor Controllers
- Fault Location Using Remote Connection, with Immediate Voice Feedback
- Induction Motor Improvement for Energy Saving System
- Industrial Automation and Control System IVRS - Remote Location Using Remote Connection, with Immediate Voice Feedback
- Industrial Power Management System
- Intelligent Multiparameter Monitoring System with LCD Display and Das
- Intelligent Power Sharing of Transformers with Auto Protection
- Inverter Based Low - High Input Voltage Buck Booster Converter System Design & Implementation
- Multi Channel Temperature Measurement and Controller
- Remote Multiparameter Measurement System and Control with WAP
- Multi Power Utilizer - Maximum Demand Indicator and Power Factor Indicator
- Multichannel Voltage Scanner and Control Using SCADA
- Multiparameter Measurement & Monitoring System with LCD Display
- Multiple Starters with Over Load And Low High Voltage Protection with Multi Parameter Monitoring
- PID Based Temperature Controller
- Intelligent Power Factor Indicator & Correction With Multiple Capacitor Banks
- Power Generation Through Solar Photovoltaic With Light Level Indication
- Intellectual Power Analyzer & Phase Changer

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- Power Line Monitoring With Seven Segment Display
- Protection Of Turbo Alternators - Generator Protection
- Protective Relay – V, I, V/F Protection, Impedance Relay using Microcontroller
- Quasi Resonant Converter fed DC Drive
- Remote Mobile Phone based Motor Starter for Irrigation Purpose
- RF Based Intelligent Handheld Multiparameter Monitoring System with LCD Display and Das
- SCADA based Intelligent Multi Parameter Monitoring System with LCD Display
- SCADA based Waste Water Treatment
- SCADA for Instrumentation, New Approach and Implementation
- SCR based Equipment Protection for Power Monitoring
- SCR DCR Circuit Breaker
- Supervisory Control And Data Acquisition for Instrumentation in Industrial Monitoring System
- Wireless Weather Monitoring System
- 3 Phase MOSFET based PWM Inverter using Microcontroller
- A Boost DC-AC Converter: Analysis, Design, and Experimentation
- A New Active Clamping Zero-Voltage Switching PWM Current-Fed Half-Bridge Converters
- A Novel Single-Stage Full-Bridge Buck Boost Inverter
- Active Harmonic Elimination for Multilevel Converters

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- Adaptive Feed-forward and Feed Back Control Schemes for Sliding Mode Controlled Power Converters
- Closed Loop Speed Controller for DC Motor using Microcontroller
- Design of A Soft Switched 6-Kw Battery Charger for Traction Applications
- Density Traffic Analyzer - Traffic Control System for Ambulance Service Design & Implementation
- Design and Implementation of Railway Automation System with Sensors Network
- Development of Smart Notice Board – Active Information Display Systems
- Cockpit White Box
- Distributed Control System for Industrial Transducers Failure Location & Annunciation
- Effective Solar Tracking System for Optimal Power Generation and Lift Operating Through Solar Power
- Intelligent Train System – Automation, Collision Avoidance, Signal / Unmanned Controlling, Moving Message Display, Voice Annunciation

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**Latest
Projects**

- Intelligent Transport System using Wireless Technologies
- IVRS based Electronics Televoting with Response & Feedback
- IVRS based Smart Networked Home - Home Automation System
- Natural Failure Protector
- Person Identification System – RF ID System used for Tracking & Authentication Purposes Applying Back Scattering Technology
- Prepaid Electricity Billing RF 2 Way Automation using Contact Less EMPCR Card & Reader with Voice Annunciation – IVRS

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- Rail Track Inspector
- RF based Code Modulation – Decryption & Encryption for Secured Wireless Communication with OFDM
- Smart Solar Powered Car
- SMS based Remote Motor Starter for Irrigation In Agricultural Application
- SMS Controlled Home Automation System
- Ultrasonic based Path Planning for The Blind Person
- Wireless Remote Motor Starter with Acknowledgement using Solar Energy Power for Agricultural Application
- Alive Human Being Detector in War Fields / Affected Areas using WAP with Model & Camera
- Botrobo – Tanker & Sound Detecting Robot
- Cell Phone Controlled Ai based Five Axis Robot for Multi Specialty Operations
- Flying Robot with Search and Rescue Feature for An Accident Area or Natural Disaster Area
- IVRS based Robot Control with Response & Feed Back
- Library Robo - Path Guiding Robotic System with Artificial Intelligence using Microcontroller
- Mobile Robot -- Wireless AI based Intelli Mobile Robot for Multi Specialty Operations
- Remote Control of Multipurpose Robot & Robotic Arm
- Remote Controlled Water Splash Robot for Gardening
- Smart AI based Image Capturing Robot with Sensors Network
- Smart Tanker Robot for Security Operations in The Protected Area with Wireless Secured Communication
- SMS based Controller – Robot Control, SMS Controlled Intelli Robot
- Voice Controlled Intelli Robot for Multi Specialty Operations

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- **Wireless Ai based Intelli Industrial Security Robot with CCD Camera and Live Wireless Transmission**
- **Voice Recognition for Controlling Color Television**
- **Voice Controlled & Activated Wheel Chair Robot for Physically Challenged**
- **Finger Print based ATM Authentication & Money Management System**
- **Finger Print based Campus Management System**
- **Finger Print based Digital Voting Machine**
- **Finger Print based Physical Access Control Vehicle Immobilizer**
- **Finger Print Identification / Recognition based Equipment Control System**
- **Contact less Electromagnetic Proximity based Campus Management System**
- **Automatic Vehicle Toll Collection & Gate Entry Exit System using RF ID**
- **RF ID/ Proximity based Pharma Health Card / RF ID/ Proximity based Multi Usage Card**
- **Advanced and Intelligent Distant Vehicle Identifying and Automatic Entry System using Active RF ID**
- **Contactless Electromagnetic Proximity based Public Transport System**
- **The Electronic Passport & The Future of Government Issued RF ID based Identification**
- **RF ID & Finger Print based Electronic Passport – Multi Management System**
- **Infant Monitoring System**
- **RF ID & Finger Print based Campus Access Control System**
- **GPS – Design & Implementation of 2 Way Communication System with Transmit & Reception of Data using RF**
- **Cell Phone Jammer - Implementation of Highly Effective Mobile Cell Phone Jammer**
- **Blue Tooth Jammer for Security Application**
- **GPS Jammer**

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- **Effective Signal / Frequency Jammer System for Security & Protection**
- **Hi End Temple Security System with Frequency Jammer**
- **Intelli Home Security System with Auto Dialer, Peace Keeper – The Home of Tomorrow**
- **Integrate Intelligent Security System for Industrial Surveillance with WAP & Auto Dialer**
- **Artificial Intelligence based Security for Telephone Exchange with SCADA**
- **Anesthesia Control System using Infusion Pump with Heart Beat Monitoring System**
- **ICU - Smart Medicare Patient Monitoring System**
- **GPS and GSM based Biomedical Wearable Device for Remote Monitoring of Physiological Signals**
- **ICU - Wearable Biomedical Sensors & Systems -- Wearable Body Sensor Networks with Bp**
- **Peritoneal Dialysis – Design and Implementation of Blood Purification System**
- **Heart Beat Rate Monitoring System - RF based Wireless Heart Beat Rate Monitoring System**
- **Soft Switched AC-Link AC/AC and AC/DC Buck-Boost Converter – IEEE 2007**
- **Solar Energy Conversion System using Power Electronics – IEEE 2007**
- **An Electronic Meter for Measuring the Saving in Electrical Power – IEEE 2007**
- **Design, Implementation and Real-Time Digital Control of a Cart-Mounted Inverted Pendulum using Atmel AVR Microcontroller – IEEE 2007**
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- **A Novel Soft-Switching Single-Phase AC-DC-AC Converter using New ZVS-PWM Strategy – IEEE 2007**
- **Fuzzy Logic Control of Induction Motor with Input Output Feedback Linearization – IEEE 2007**

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- **Concurrent Relay-PID Control for Motor Position Servo Systems – IEEE 2007**
- **Fault Detection in Internal Combustion Engines using Fuzzy Logic – IEEE 2007**
- **Adaptive Neuro-Fuzzy Controller of switched Reluctance Motor – IEEE 2007**
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- **Direct ZVS Start-Up of a Current-Fed Resonant Inverter – IEEE 2006**
- **BLDC Motor Controlled using Resonant Pole Inverter with Variable Pulse Width Method – IEEE 2006**
- **Applying Modified One-Comparator Counter based PWM Control Strategy to Fly back Converter – IEEE 06**
- **Power-Efficient Pulse Width Modulation DC/DC Converters with Zero Voltage Switching Control – IEEE 2006**
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- **Wireless Ad Hoc Discovery of Parking Meters – IEEE 2004**
- **Optimal Control of Three-Phase PWM Inverter for UPS Systems – IEEE 2004**

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- A Fuzzy Sliding Mode Controller for a Field-Oriented Induction Motor Drive – IEEE 2005
- A Novel DC-Dc Full-Bridge Converter using Energy-Recovery Circuit with Regenerative Transformer–IEEE 05
- A Novel Resonant Transition Push-Pull Dc-Dc Converter – IEEE 2004
- Models for Bearing Damage Detection in Induction Motors using Stator Current Monitoring – IEEE 2004
- Comparison of Traditional Inverters and Z-Source Inverter for Fuel Cell Vehicles – IEEE 2004
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- High Efficiency Fly back Converter using Synchronous Rectification – IEEE
- Real-Time DC Motor Position Control by Fuzzy Logic and PID Controllers – IEEE

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- **A Comparison of Voltage-Mode Soft-Switching Methods for PWM Converters – IEEE**
- **A 3KW Soft Switching DC-DC Converter – IEEE**
- **A Three-Level Single-Phase Single-Stage Soft-Switched AC-DC Converter – IEEE**
- **Digital PWM Controller and Current Estimator for a Low-Power Switching Converter – IEEE**
- **Design and Implementation of a Digital Controller for DC-to-DC Power Converters – IEEE**
- **Power Systems Harmonic Mitigation for Water and Wastewater Treatment Plants – IEEE**
- **High Robustness and Reliability of Fuzzy Logic based Position Estimation for Sensor less Switched Reluctance Motor Drives – IEEE**
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- **Scalar Speed Control of a DQ Induction Motor Model using Fuzzy Logic Controller – IEEE**
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- **Development of Fuzzy Sliding Mode Controller for Decoupled Induction Motor Drive – IEEE**
- **Fuzzy Adaptive Control of an Induction Motor Drive – IEEE**
- **Robust Control of a Speed Sensor less Permanent Magnet Synchronous Motor Drive – IEEE**
- **3 Phase MOSFET based PWM Inverter using Microcontroller**
- **A Cascaded Multilevel Inverter using A Single DC Source**
- **A New Simplified Multilevel Inverter topology for DC-AC Conversion**
- **A Three-Phase Symmetrical Multistage Voltage Multiplier**
- **AC Induction Motor Control using the Constant V/F Principle and A Natural PWM Algorithm**

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- Adaptive Feed-forward and Feed Back Control Schemes for Sliding Mode Controlled Power Converters
- Design of A Microcontroller Controlled Personal Static VAR Compensator (PSVC)
- Digital Controlled Automatic Voltage Regulator
- Fuzzy Logic based Faults Identification System for A Three-Phase Induction Motor
- Fuzzy Logic based Power System Stabilizers
- Hybrid Cascaded H-Bridges Multilevel Motor Drive Control for Electric Vehicles
- Low Speed Sensor less Control of Induction Machine
- Modeling and Control of A Novel Six-Leg Three-Phase High-Power Converter for Low Voltage Fuel Cell Applications
- Practical Design of A Sliding Mode Voltage Controlled Buck Converter

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- Single Phase Z-Source PWM AC-AC Converters
- Three-Level Z-Source Inverters using A Single LC Impedance Network
- V/F based Speed Control of Asynchronous Motor using AVR Controller
- Switched Reluctance Generators and their Control

- Z-Source Inverter for Motor Drives
- 1kw Dual Interleaved Boost Converter for Low Voltage Applications
- 42-V/3-V Watkins-Johnson Converter for Automotive Use

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- A Discharge Lamp Model based on Lamp Dynamic Conductance
- A Flexible Loss-Minimizing and Stress-Sharing Switch Cell for Power Converters
- A High Efficiency DC-DC Converter using 2 NH Integrated Inductors
- A Hybrid Three-Phase Single-Phase Power Flow formulation
- A Methodology for Optimizing Stand-Alone PV-System Size using Parallel-Connected DC/DC Converters
- A Minimally Switched Control Algorithm for Three-Phase Four-Leg VSI topology to Compensate Unbalanced and Nonlinear Load
- A Multi Agent Solution to Distribution Systems Restoration
- A New Adjustable-Speed Drives (ASD) System based On High-Performance Z-Source Inverter
- A New PWM ZVS Full Bridge Converter
- A New ZVS PWM Buck Converter with An Active Clamping Cell
- A Novel Four-Level Voltage Source Inverter-Influence of Switching Strategies On the Distribution of Power Losses
- A Novel High Efficiency Soft Switched PWM Boost Rectifiers with Low Conduction Losses
- A Novel Peak and Deep Current Mode Control for Two Switches Buck Boost Converter
- A Passive 36-Pulse AC-DC Converter with Internet Load Balancing using Combined Harmonic Voltage and Current Injection
- A Soft Switching Synchronous Buck Converter for Zero Voltage Switching (ZVS) In Light and Full Load Conditions
- A ZVS Bi-directional DC-DC Converter with Phase-Shift Plus PWM Control Scheme
- Accurate Prediction of Damping In Large Interconnected Power Systems with the Aid of Regression Analysis
- An Active Current Sensing Constant Frequency HCC Buck Converter using Phase Frequency Locked Techniques

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- **An Efficient Algorithm for Solving BCOP and Implementation**
- **Analysis of A Zero Voltage Switching CUK Converter**
- **Analysis, Design and Implementation of An Active Snubber Zero-Voltage Switching CUK Converter**
- **Ant Colony Optimization for Maximum Loadability Search In Voltage Control Study**
- **Application of Z-Source Inverter for Traction Drive of Fuel Cell-Battery Hybrid Electric Vehicles**
- **Average Current-Mode Control Scheme for A Quadratic Buck Converter with A Single Switch**
- **Average-Value Modeling of Brushless DC Motors with 120 Degree Voltage Source Inverter**
- **Bridgeless PFC Boost Rectifier with Optimized Magnetic Utilization**
- **Control Design of A Three-Phase Matrix-Converter-based AC-AC Mobile Utility Power Supply**
- **Control of Chaos by Resonant Parametric Perturbation In Current Mode Controlled Buck Boost DC-DC Converter**
- **Control of the Z-Source Inverter for FCHEV with the Battery Connected to the Motor Neutral Point**
- **Coupled Input-Series and Output-Parallel Dual Interleaved Fly Back Converter for High Input Voltage Application**
- **Design of Resonant Inverters for Optimal Efficiency Over Lamp Life In Electronic Ballast with Phase Control**
- **Design of Single Phase Shunt Active Filter for Non Linear Load**
- **Determination of Network Rental Components In A Competitive Electricity Market**
- **Development of Maximum Power Point Tracker for PV Panels using SEPIC Converter**
- **Electronic Tri Vector Meter with PF Control**
- **Dual Interleaved Active-Clamp forward with Automatic Charge Balance Regulation for High Input Voltage Application**

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- **Electrical Station Variables Reader/Controller with True Graph and SCADA**
- **Embedded System based Posi-Cast Controller for DC-DC Buck Converter**
- **Fault Identification In Transmission Line using Wavelet Transform**
- **Fault Location for the Neptune Power System**
- **Field Verification of An Advanced High Side Voltage Control At A Hydro Power Station**
- **Four Switch Buck Boost Converter for Telecom DC-DC Power Supply Applications**
- **Harmonic Reduction using Capacitor Clamped Multilevel Inverter**
- **Harmonic Reduction using Diode Clamped Multilevel Inverter**
- **Hexagram Inverter for Medium-Voltage Six-Phase Variable-Speed Drives**
- **High Frequency Zero Voltage Switching Resonant Converter**
- **High Performance AC Supply with Low Harmonic Distortion for Multiphase AC Machines**
- **Implementation Single Phase AC-AC Matrix Converter using SPWM with Drastic Load Conditions**
- **Inductor Less DC-AC Cascaded H-Bridge Multilevel, Boost Inverter for Electric/Hybrid Electric Vehicle Applications**
- **Intelligent Svc Control for Transient Stability Enhancement**
- **Location of Facts Devices On Power System for Voltage Control**
- **M/L – Type High Frequency Quasi Resonant Switch**
- **Maximum Power Point Tracking using the Optimal Duty Ratio for DC-DC Converters and Load Matching In Photovoltaic Applications**
- **Mobile Half-Bridge Configuration based High Voltage Generation of 10kva-1khz**
- **Modeling and Controller Design of the Z-Source Inverter with Inductive Load**
- **Models for Bearing Damage Detection In Induction Motors using Stator Current Monitoring**

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- **Multi-Input Inverter for Grid-Connected Hybrid PV/Wind Power System**
- **Neuro-Wavelet Control for Switching Power Supplies**
- **New ZVS Phase Shift Modulated Full-Bridge Converter topologies with Adaptive Energy Storage Optimal Co-Ordination for Multi-Agent based Secondary Voltage Control In Power System**
- **Optimal Network Placement of SVC Devices**
- **Optimal Placement of Line Switches for Distribution Automation Systems using Immune Algorithm**
- **Optimal Power Flow Subject to Security Constraints Solved with A Particle Swarm Optimizer**
- **Optimal Power Flow using An Extended Conic Quadratic formulation**
- **Portable Power Analyzer for Energy Audit**
- **RBF Neural Network & ANFIS based Short Term Load forecasting Approach In Real Time Price Environment**
- **Power System Operation Risk Assessment using Credibility theory**
- **Power System Stabilizer using Fuzzy Logic System**
- **Remote Digital Rpm Indicator using Proximity or Magnetic Pick Up with SCADA**
- **Robust DC/DC Buck Converter using Conditional Integrator Compensator**
- **Secondary Voltage Intelligent Control Method and Implement based On Fuzzy Expert System**
- **Single-Stage Single-Switch High-Power-Factor Electronic Ballast for Fluorescent Lamps**
- **Skeleton Network Reconfiguration based On topological Characteristics of Scale Free Networks and Discrete Particle Swarm Optimization**
- **State Load Dispatch Center (SLDC) Automation with Fault Indication using MCSA**
- **Static Var Compensator-based Voltage Control Implementation of Single-Phase Self-Excited Induction Generator**
- **Switching Flow-Graph Modeling Technique For Three-Phase Inverters**

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- Switched-Capacitor/Switched-Inductor Structures for Getting Transformers Hybrid DC-DC PWM Converters
- The formulation of the Optimal Strategies for the Electricity Producers based On the Particle Swarm Optimization Algorithm
- Three-Port Bi-directional Converter for Hybrid Fuel Cell Systems
- Transient Modeling and Analysis of Pulse Width Modulated Z Source Inverter
- Two Input Full Bridge DC-DC Converter for Selective Harmonic Elimination
- Two/Four Quadrant Chopper In Indian Military
- Vector Controlled Drive for Energy Saving In Air Conditioning System
- Voltage and Reactive Power Estimation for Contingency Analysis using Sensitivities
- Wacs-Wide Area Stability and Voltage Control System, R&D and Online Demonstration
- Wireless DC Buck Converter using Zigbee Remote Control System
- Z-Source Current-Type Inverters: Digital Modulation and Logic Implementation
- Cryptographic based Advance Encryption and Decryption for Secured Wireless Communication for Military Applications with Arm 32 Bits – Lpc2129 Processor
- Manifold Sensor Interface (MSI) Algorithm with Arm and Implementation of I2c Network Protocol for Environment Monitoring
- Installation of Centralized Control Station for Monitoring Police Cabs using Arm
- 3 Phase Prepaid Electricity Billing Automation
- A Miniaturized Mote for Wireless Sensor Network
- A Novel Robot System for Surface inspection and Diameter Measurement of Large Size Pipes
- A Proposal for Design of Hybrid Multi Functional Implantable Biochip using Bio-intelligent Expert System

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- **A Robust Architecture for Autonomous Robot Navigation and Control**
- **A Survey of Communication Network Paradigms for Substation Automation**
- **A Wireless Escape System for industrial Accidents using Adhoc Positioning**
- **Ac Generator Monitoring – Generating Voltage, Oil Level, Fuel Level, Etc Through Wireless**
- **Adaptive Technology for Blind**
- **Advanced Train Compartment information Display System for Modern Railways**
- **ADHOC – Advanced Home Care System for Elderly Patients**
- **Advanced Automatic Vehicle Crash Notification using GSM Technology**
- **Advanced Digital Remote Panic Alarm Button for Bank / industrial Application**
- **Advanced Digital Wireless Bank Safe Security System with Remote Alarm using Multi Sensor**
- **Advanced Wireless Automatic Digital Pumping System for Agriculture using Soil Sensor**
- **Advanced Wireless Earth Quake Alarm System for Early Warning**
- **Advanced Wireless Electrical Appliance Control System using Pc and Coded RF Protocol for industrial Application**
- **Advanced Wireless Electrical Meter Reading System**
- **Advanced Full Function Remote Home Automation System using Encrypted RF Technology**
- **Advances Home Care System for Patients (Adhoc)**
- **Aircraft Landing System**
- **All Band Radio Jammer for Military Application**
- **Alternative Energy Sources – Solar Energy Generator / Wind Mill Power Generator**
- **An Autonomous Assistant Robot for Book Manipulation in A Library**

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- An Enhanced Parking Lot Service Model using Wireless Sensor Network
- An intelligent Mobile Robot Navigation Technique using RFID Technology
- An RFID Application for The Disabled: Path Finder
- Application Field of RFID in Health Safety and Environment Management
- Artificial intelligent based Equipments Failure Detecting & Automatic Dialing to The Concern Service Engineer Cell-Phone / Telephone
- Assist – Automated System for Surgical instrumental and Sponge Tracking
- Attendance Marker System with IRC Reader and Face Indicator
- Auto Flight Pilot Simulation Applied in Real Time & Remote Monitoring using High Speed RF Data Link for UAV / Flight
- Automated & Unmanned Control System of Railway Crossing using Wireless IR Sensor
- Automated Accident Identification, Detection Via Vibration Sensors using RF Technology
- Automated Bus Ticket Tariff Calculation using Identification of Destination Point
- Automated Car Parking System with Automatic Gate Opener
- Automated Prepaid Energy Meter Consumption System
- Automated Vehicle Toll Collection & Gate Entry Exit System using RF ID Technology
- Automatic Cell Phone Detector and Mute Switch for TV / DVD
- Automatic Collision Avoidance and Real Time Distance Monitoring for Vehicle with Parking Sonar
- Automatic Controller for Elevator and Escalator with Sensor Network & AI
- Automatic Intelligent Plant Watering System
- Automatic Load Sharing of Transformers with Protective Analysis
- Automatic Railway Gate Signaling Simulator & Controller
- Automatic Repeat Protocol for Distribution Automation System through Power line Communication

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- Automatic Rolling Shutter Opener with Rf Remote Control
- Automatic Room Light / Cooling System Controller with Visitor Counter
- Automatic System for Measuring & Controlling The Length of A Moving Product in industries
- Automatic Vehicle Locator (AVL) using Global Positioning System (GPS)
- Automobile Exterior Safety System
- Autonomous Navigation Tool (A.N.T.) - GPS based Navigation
- Autonomous Robot with Obstacle Avoidance, Drive Wheel
- Autonomous Stabilization System for A Coaxial Helicopter
- Bio-Finger Sensing Gate Opener for Security
- Biometric Bank Locker System for Manager and Customer
- Bio-On Chip (B-Chip) Micro Miniaturized Wearable / Body Area Network for Wireless Patient Monitoring
- Cable Fault Finder for Electrical Transmission Lines
- Categorized Alarm Annunciation with Voice Annunciation and Controls
- Cell Phone based Motor Speed Control
- Cell Phone based Total Car Controlling System – Car Moving, forward, Reverse, Etc.,
- Cell Phone Detector for Security Application

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- Cell Phone to Cell Phone Appliance Control System
- Closed Loop Dc Motor Speed Controller
- Computer based Wireless Control System of Devices
- Computer Keyboard Dual Controller for Switching Electrical Devices
- Computerized Train Control System
- Control of PC DTMF Technology Via Mobile Phone
- Cooperative Behavior of Mobile Robots
- Crane & Lift Operation Controlling and information System
- Current interrupter for Corrosion Measurement
- Design A Wireless Sensor Network for Methane Monitoring System
- Design and Development of Line Follower Robot using The Principle of Reflection of Light Rays
- Design and Digital Monitoring of Uninterrupted Power Supply
- Design and Implementation of Home Automation using Can
- Detection and Security System of Illegal Wireless Transmission
- Development Of Zigbee based Street Light Control System
- Development of A Zigbee-based Electronics Ballast System
- Diagnosis of Fault Distribution Transformer
- Digital Combination Lock for Security Applications
- Digital Steam, Pressure and Liquid Level Monitor
- Digital Surface Distance / Length Measurement using Microcontroller
- Distributed Motion Planning and Sensor Fusion for
- Distributed Multi Area Power System Load Flow Monitoring
- Drivealert: Driver Alertness Monitor - Putting Fatigue- Drowsy Driver Sleep Detector

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- **Dynamic Robot Networks for Search and Rescue Operations**
- **Dynamic Security and Access Control System for 5 independent Zones**
- **E- Seal Applied in Fragile Safety in Transport, Real Time**
- **E-Driving License and intelligent E-Police Applied in Modern**
- **Embedded based Level Controller with Two Tanks with Transparent Level Display**
- **Embedded Controller for Non Linear Partially interacting Process (NLP/IP)**
- **Embedded Microcontroller based Power Multi Meter**
- **Embedded Microcontroller based Transformer Oil Testing Machine**
- **Embedded Microcontroller based Weighing Analyzer using Load Cell**
- **Embedded Microcontroller based Ph Controller for Sugar industries**
- **Embedded System based inter Locking System of Electromagnetic Doors Chemical, Cement & Pharmaceutical industries**
- **Embedded System Controlled Electroplating System**
- **Feeder Protective Relay Monitoring and Data Logger**
- **Frequency Division Multiplexing for A Multi-Sensor Wireless Telemetry System**
- **Frequency Locked Loop Dc Motor Speed Control**
- **Garment Conveyor Remote Controller**
- **GIDS – A System for Combining RFID-based Site information and Web-based Data for Virtually Displaying the Location On Hand Held Devices**
- **GPS & GSM based Realtime Vehicle Tracking System**
- **GSM and GPS based School Kids Tracking System.**
- **GSM based Automatic Irrigation Water Controller System**
- **GSM based Home Security System. Get intrusion Alerts Like Door/Windows Open Alerts Onto Your Cell Phone**

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- GSM CDMA Cell Phone Jammer for Security and Silence with Digital Display
- GSM based Irrigation Control System
- GSM/Mobile/Cell Phone based Device Monitoring and Control System
- Handheld Electronic Voting Machine & Data Retrieval System
- Highway Car Accident Identification and Auto Communication to Patrol Or Hospital
- Hi-Tech Car with Remote Camera for The Police
- Human Robot interaction in Mobile Robot Applications
- Humidity Monitoring and Pump Controlling System
- Implementation of Active RFID System Used for Tracking and Authentication Purposes Applying Back Scattering Technology – Person Identification System
- Implementation of Device Status Monitoring and Controlling using Telephone Lines
- Implementation of End-to-End Standard-based Patient Monitoring Solution
- Implementation of Global and Remote Positioning System for Defense and Other Purposes using Mobile Networks
- Implementation of Solar Cell Tracing System for The Maximum Utilization of Solar Power & Illumination
- Implementation of Wireless Automation and Control Through RF Technology
- Implementation of Wireless Surveillance / Emergency Rescue Monitoring Vehicle with Wireless Camera using Microwave Frequency with Microwave Audio / Video Transmission
- Implementing Process Control & Monitoring System using Can
- In Amusement Park / Visitor using Super RFID with in/Out Time
- Industrial Process Control and Automation System
- Infrared Remote Controlled Robot

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- **Intelli Robotic Wheel Chair for Specialty Operations with Key Operations and Advanced Path Planning / Routing System**
- **Intelligent & Advanced Digital Wireless Audience Polling System for Quiz Program**
- **Intelligent & Automatic Fire Security System using interactive Voice Decoder and Telephone Line**
- **Intelligent & Dynamic Power Saver & Control System for industrial Electrical Equipments**
- **Intelligent “Prescription Drugs Abuse” and Addiction Control System using RF / Proximity Cards**
- **Intelligent Ambulance for City Traffic Police**
- **Intelligent Car Antitheft System**
- **Intelligent E-Police and Traffic Violation Automatic Recorder System for Modern City Traffic using Most Advanced Wireless Sensor Technology in Real Time.**
- **Intelligent Escort Robot Moving Together with Human**
- **Intelligent Robots Need intelligent Vision: Visual Perception**
- **Intelligent User interface for Human-Robot interaction**
- **Intelligent Wireless Prepaid EB Meter System for Modern Distribution System**
- **Intelligent, Automatic & Modern Traffic Light Controller based On Traffic Density**
- **Interactive Environmental Air Pollution Monitoring Automatic Phone Dialing System**
- **Internet-Enabled Calibration Services: Design of A Secure Calibration System**
- **IR based Human Radiation Detection Online**
- **IVRS based Automatic E-Filing Tracking and Monitoring, Localization, Tracking Applied in Modern Administration Automation using Super Active RFID and Remote Access Through Telephone Line.**
- **IVRS based Energy Meter Calibration System**

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- Location based Human Identification and Tracking System using RFID
- Low Cost Smartcard Ticketing using RFID
- Management of Sub-Transmission and Distribution System in Power Systems
- Microcontroller based Generator/Alternator Control and Monitoring System
- Microcontroller based intelligent Multi-Timer System for industrial Automation
- Voice based Controlling and Access System of PC Via Mobile
- Microcontroller based Moving Person Place Detecting System (MPP)
- Miniature Wireless Sensor, Mems based, Application in Cold Chain (Food/Medicine Process) Logistics with Real Time Temperature Data Storage and Remote Data Access using Super RFID
- Mobile Robot Simulators and Their Application to Hazardous and Challenging Environments
- Mobile to PC interface for Controlling of Devices using interactive Voice Response System
- Model Railroad Automated Track inspection Car
- Modern Wireless Entry / Exit Register & Alarm Display System for Advanced Amusement Park
- Monitoring and Auto Identification using Super Active RFID
- Monitoring of Emission Measurements using Wireless Technology
- MOSFET based Current Mode Control Buck / Boost Converter
- Most Advanced Digital Wireless Two Wheeler Security System with Remote Starter
- Motion Detection, Robotics Guidance and Proximity Sensing using Ultrasonic Technology
- Multi Boiler Management & Controller with Auto Failure indicator – Pcs
- Multiple Programmable Batch Event Counter with Conveyor Belt Arrangement

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- **Multiple Wireless Controls Over industrial Devices**
- **Neural Implementation of Energy Consumption in Power Distribution**
- **Non intrusive Load Monitoring and Diagnostics in Power Systems**
- **PC based Control System of A Robot of Its Route Direction and Guiding for Its Movement using RF Technology**
- **PCB Drilling System using Robot Known As Cartesian Robot**
- **People / Patient Tracking and Management System for Hospital /Factory using Wireless Network. System**
- **Performance Evaluation of Operational Parameters On RFID Controlled Conveyor System**
- **Personnel and Equipment Locating System and Tracking for Mining Solution using Super Active RFID Network Technology in Real Time**
- **Power Saving On Various industrial / institutional Applications**
- **Power Saving Scheme for Auditorium / for Colleges**
- **Pressure Sensor and Trigger System for industrial Application**
- **Radio-Controlled Surveillance System for Borders and Restricted Areas – Flying Helicopter**
- **Real Time Mid-Air Fight Collision Avoidance System with Auto Warning and Flight Id, Position, Monitoring Through Radio Frequency Link and Pc**
- **Real Time Passenger information System (RTPIS) using Zigbee Technology**
- **Real-Time Implementation of Embedded Smart Card for industrial Authentication**
- **Remote Camera Controller for Security Application using Servo Motor**
- **Remote Control of PC/Computer using GSM Modem Or Cell Phone**
- **Remote Power On/off Control and Current Measurement for Home Electric Outlets based On A Low-Power Embedded Board and Zigbee Communication**
- **Remote Robot Control System based On DTMF of Mobile Phone**
- **RF Control of induction/DC/Stepper Motors**

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- Remote Sensing and Control of An Irrigation System using A Distributed Wireless Sensor Network
- Remote Wireless Wind Speed Meter for Modern Remote Weather Monitoring Station with Digital Read Out
- Research of Remote Real Time Monitor System for Electromechanical Equipments based On internet
- RFID based Employee Id, Access Control, Authentication / Verification
- RFID based Parking Lot Access and Control, Vehicle Tracking in Rental Lots
- RFID based Unmanned Automated Electric Power Tariff Calculation By The Remote Eb Station
- RFID based Equipment/Personnel Tracking in Hospitals
- RFID based Patient Monitoring for ICU
- RFID based Person Identification System
- RFID based Toxic Waste Monitoring
- RFID based Vehicle Tracking and Monitoring System
- Robotics Assistance to Protection Services: Users Requirements
- Robust Environmental Sound Recognition for Home Automation
- Secret Codes & Secured Messages Transmission System Through Telephone Line
- Sensor Rich Tele-Operational Mode Robotic Bush Fire Fighting
- Shopping Path Analysis and Transaction Mining based On RFID Technology
- Shortest Travel Distance for Full Reads On Least RFID Friendly Carton Stacking Configuration using Advance Doe Technique & Age Reproducibility & Repeatability
- Simultaneous Localization, Mapping and Moving Object Tracking
- Single Phase integral Cycle inverter using MOSFET
- Slip Ring induction Motor Drive with Slip Recovery using IGBT

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- Smart Card / Proximity based Multi Usage System
- Smart Card based Human Identification and Personal Management System
- Smart Cars for Physically Challenged / Disabled
- Smart industrial Sensor Warning / Error Accusation System
- Smart Multi Functional Power Meter with LCD Display
- Smash – Smart Medical Automated System Handheld Device with Wireless Technology
- Solar based Computerized Irrigation System
- Solar based Energy Saver Controllers
- Solar Cell Voltage Generation with Auto Tracking System
- Voice Control / Speech Recognition based Robot
- Multiplexing Control of EMU
- Solar Powered Car, Solar Power based Car Navigation System
- Testing of Aircraft Box and Accessories Before Take off
- Solar Powered Fence - Electrified Perimeter Fencing Systems
- Coach Location Monitoring and Identification
- Solar Water Heater Controller with Temperature Display
- Tele operation of Multi-Robot and Multi-Property Systems
- Street Lighting Control based On Lon Works Power Line Communication
- Super Active RF Tag based Long Range Vehicle Data Access System for Traffic Monitoring with Multi Direction, Speed and Id for Automatic Data Access, Monitor and Analyzing
- Tamper Detection in RFID-Enabled Supply Chains using Fragile Watermarking
- Testing Multi-Robot Systems for Operation in Risky Environments
- The Watchdog - Robot inspector for An Area That Is Prone to intruders and Possible Fire Hazards

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- Towards A Unified Location Tracking System for Heterogeneous industrial Environments
- Traffic Control System for Effective Ambulance Service – Design & Implementation
- Ultrasonic based Blind Man Path Guidance & Control using interactive Voice Response System (IVRS)
- Unmanned Automatic Target Approaching Vehicle Applied for Blind using Super Active RFID
- Utilizing RFID Signaling Scheme for Localization of Stationary Objects & Speed Estimation of Mobile Objects
- Energy Meter Digitization & Automation and Automatic Utility Transfer using RF
- Intelligent Fuzzy Control Guided Vehicle with Collision Prevention – Ultrasonic based Distance Monitoring and Fuzzy based Collision Avoidance
- Dish Position Controlling and Monitoring System Used for Radar & Other Telecommunication Applications

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