ELECTRICAL PROJECTS LIST 2016-2017

EMBEDDED ELECTRICAL

CODE	PROJECT TOPIC
EW001EE	The Design And Implementation Of A Solar Tracking Generating Power System
EW002EE	Wireless Electrical Apparatus Controlling System With Speed Control Of Ac Motor In A Plant using RF-Communication
EW003EE	Wireless Electrical Apparatus Control System Using IR Communication
EW004EE	Security Integrated System For Industrial Applications With SMS Alert System For Wireless Pet Immune PIR Sensor Power Optimization
EW001EE	Advanced Real-Time Vehicle Tracking System Using GSM And GPS Modem
EW005EE	Ac Motor Speed Control Using Power TRIAC With Display Unit
EW006EE	Three Phase Induction Motor Safety Implementation
EW007EE	TRIAC Based Sound Scanner For Audio-Controlled Loads
EW008EE	Servo Controlled Automatic Voltage Stabilizer With Higher & Lower Cut-Off
EW009EE	Pc Based Substation Monitoring And Control System
EW010EE	Capacitive Load Banks For Power Factor Correction With Automatic And Manual Mode Setting
EW011EE	Feeder Protection From Over Load And Earth Fault Relay
EW012EE	Implementation Of Nikola Tesla's Method Of Wireless Electricity Transfer (Witricity)
EW013EE	A Low Cost Smart Irrigation Control System

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EW014EE	Determining Fault Location On Ac Transmission And Distribution Lines
EW015EE	Secure Spatial Top-*K* Query Processing Via Untrusted Location-Based Service Providers
EW016EE	Design And Implementation Of An Autonomous Wireless Sensor-Based Smart Home For Energy Saving System
EW017EE	GSM Based Smart Energy Meter For Advanced Metering And Billing System
EW018EE	Stabilizing Method For V/F PWM Inverter Fed Induction Motor Drive System
EW019EE	Development And Analysis Of Wireless Communication For Industrial Automation And Control
EW020EE	WSN-Based Smart Sensors And Actuator For Power Management In Intelligent Buildings
EW021EE	Design and Implementation of Four Quadrant Dc Drive Using Chopper
EW022EE	Real Time Automatic Meter Reading Control Of Household Energy Meter With Zigbee Communication
EW023EE	Effects Of High Fault Currents On Circuit Breakers
EW024EE	Energy Efficient Outdoor Light Monitoring And Control Architecture Using Embedded System
EW025EE	Web Based Automatic Irrigation System Using Wireless Sensor Network
EW026EE	Performance Evaluation Of Busbar Protection Schemes Under Different Fault Scenarios
EW027EE	High-Efficiency Solar Tracker Development And Effectiveness Estimation
EW028EE	Zigbee Based Parameters Monitoring And Controlling System For AC Motor
EW029EE	Security And Intrusion Detection On Critical SCADA Systems For Industrial Management
EW030EE	Smart Host Microcontroller For Optimal Battery Charging In A Solar-Powered Robotic Vehicle
EW031EE	Application Of Wide Area Monitoring Protection And Control In An Electricity Distribution Network

EW032EE	Development Of Transient Fault Management Methodology
EW033EE	Development Of A Novel Prepaid Energy Metering System
EW034EE	Implementation Of Zigbee For Designing Of Home Automation And Power Monitoring System
EW035EE	Design And Implementation Of A Low Cost Distribution Transformer Monitoring System For Remote Electric Power Grids
EW036EE	Remote Monitoring Of High-Voltage Disconnect Switches In Electrical Distribution Substations
EW037EE	Protection And Control Of Low Voltage Motors Used In Industrial Applications
EW038EE	Active Demand Response Using Shared Energy Storage For Household Energy Management
EW039EE	Design And Implementation Of Microcontroller Based Short Message Service Control System
EW040EE	Experimental Study Platform Of The Automatic Transfer Switch Used To Power Supplies Back-Up
EW041EE	The Development Of GSM Based Speed Regulator For Dc Motor
EW042EE	Remote Control System Of Smart Appliances Based On Wireless
EW043EE	Innovative Differential Protection Of Power Transformers Using Low-Energy Current Sensors
EW044EE	Optimal Data Transmission And Battery Charging Policies For Solar Powered Sensor Networks Using Markov Decision Process
EW045EE	Reliable Data Collection On Overhead Transmission Lines In Smart Grid
EW046EE	Secure Wireless Monitoring And Control System For Smart Grid
EW047EE	Automation Of Residential Electricity Cut Off Using Network Based Embedded Controller
EW048EE	Speed Control Of Induction Motor Drive Using Universal Controller
EW049EE	Design Of Remote Intelligent Home System Based On Zigbee And GSM Technology
EW050EE	Applied Research Of The Intelligent Temperature Controlled Speed Adjustable Fan

EW051EE	Energy Saving Project For Heating System With Zigbee Wireless
EW052EE	Zigbee Enabled Remote Temperature Monitor System For High-Voltage Substations
EW053EE	Automatic Control Of Irrigation Systems Aiming At High Energy Efficiency In Rice Crops
EW054EE	Implementation Of Automatic Meter Reading (AMR) Using Radio Frequency (RF) Module
EW055EE	Wireless Temperature & Humidity Monitor And Control System
EW056EE	A Human Detection Method For Smart Residential Systems Based On Zigbee
EW057EE	Microcontroller-Based Automatic Irrigation System With Moisture Sensors
EW058EE	Battery-Management System (BMS) And Soc For Vehicle
EW059EE	Development Of Multi-Axis Stepper Motion Control System Based On Micro Controller
EW060EE	A Remote Home Security System Based On Wireless Sensor Network Using GSM Technology
EW061EE	Wireless Security Control System & Sensor Network For Smoke & Fire Detection
EW062EE	A Wireless Data Acquisition And Transmission System Design
EW063EE	Remote-Controllable And Energy-Saving Room Architecture Based On Zigbee Communication
EW064EE	Study On Precision Water Saving Irrigation Automatic Control System By Plant Physiology
EW065EE	Information Model And Communication Protocol For Remote Monitoring Of Power Supply
EW066EE	A Novel Technique Of Ac Power Control Using Micro Controller Based Inverter
EW067EE	Modeling And Test Validation Of High Speed Universal Motors Control Via A TRIAC
EW068EE	Auto Power Supply Control From 3 Different Sources Solar, Mains And Battery To Ensure No Break Power
EW069EE	RF Technology Based Exhaust Fan Controlling
EW070EE	Intelligent Protection & Power Sharing Of Transformer With Auto Protection

EW071EE	Automatic Controlling System For Power Grid
EW072EE	Speed Control Of Dc Shunt Motor By Field And Armature Control Using Chopper Circuit
EW073EE	Single Phase Selector From 3phase Without Interrupting Load Run
EW074EE	Wireless Monitoring Robot With RF Technology
EW075EE	Voice Alert System For Industrial Monitoring
EW076EE	IGBT Based Universal Motor Speed Control System
EW077EE	Wireless Sensor Networks For Paddy Field Crop Monitoring And Controlling
EW078EE	GSM Based Information System For Industrial Fault Detection
EW079EE	Fault Detection With 3-Phase Voltage Measurement
EW080EE	Programmable Digital Delay Lines For Electricity Boards
EW081EE	A Can Bus Based System For Monitoring And Fault Diagnosis In Wind Turbine
EW082EE	Smart Host Microcontroller For Optimal Battery Charging In A Solar-Powered Robotic Vehicle
EW083EE	Remote Monitoring Of Power Frequency Electrical Signals Employing GSM Network
EW084EE	Zigbee Based Parameters Monitoring And Controlling System For Ac Motor
EW085EE	Secured Power Transmission With Over Load And Over Voltage Protection
EW086EE	Active Demand Response Using Shared Energy Storage For Household Energy Management
EW087EE	Application Of Wide Area Monitoring Protection And Control In An Electricity Distribution Network
EW088EE	Design Of Sensor Modules Of Active & Intelligent Energy-Saving System
EW089EE	High-Efficiency Solar Tracker Development And Effectiveness Estimation Simplified Stability Analysis Of A V/F Controlled Closed-Loop Induction Motor Drive System
EW090EE	WSN-Based Smart Sensors And Actuator For Power Management In Intelligent Buildings

EW091EE	Implementation Of Smart System Based On Smart Grid Smart Meter And Smart Appliances
EW092EE	Secure Wireless Monitoring And Control System For Smart Grid
EW093EE	Security And Intrusion Detection On Critical SCADA Systems For Industrial Management
EW094EE	Protection And Control Of Low Voltage Motors Used In Industrial Applications
EW095EE	Innovative Differential Protection Of Power Transformers Using Low-Energy Current Sensors
EW096EE	Automation Of Residential Electricity Cut Off Using Network Based Embedded Controller
EW097EE	Development Of Transient Fault Management Methodology
EW098EE	Remote-Controllable And Energy-Saving Room Architecture Based On Zigbee Communication
EW099EE	Security-Based Circuit Breaker Maintenance Management
EW100EE	Speed Control Of Induction Motor Drive Using Universal Controller
EW100EE	Design And Implementation Of A Low Cost Distribution Transformer Monitoring System For Remote Electric Power Grids
EW101EE	Four-Quadrant Chopper Drive for the Dc Motor Speed Control
EW102EE	Energy Saving Project For Heating System With Zigbee Wireless
EW103EE	A Human Detection Method For Smart Residential Systems Based On Zigbee
EW104EE	Design Of Remote Intelligent Home System Based On Zigbee And GSM Technology
EW105EE	Design And Implementation Of A On-Board Device For Photovoltaic Panels Monitoring
EW106EE	Applying Wireless Sensor Network For Power Consumption And Monitoring
EW107EE	The Development Of GSM Based Speed Regulator For Dc Motor
EW108EE	Zigbee Enabled Remote Temperature Monitor System For High-Voltage Substations

EW109EE	Intelligent Online Measurement And Management Of Energy Meter Data Through Advanced Wireless Network
EW110EE	Wireless Security Control System & Sensor Network For Smoke & Fire Detection
EW111EE	An On-Line Monitoring System Of Temperature Of Conductors And Fittings Based On GSM-SMS And Zigbee
EW112EE	Energy Management With Zigbee Sensor Network
EW113EE	A Novel Technique Of Ac Power Control Using Micro Controller Based Inverter
EW114EE	Remote Monitoring Of High-Voltage Disconnect Switches In Electrical Distribution Substations
EW115EE	An Intelligent Lighting System For Exhibition Applications
EW116EE	Intelligent Power Sharing Of Transformer With Auto Protection
EW117EE	Automatic Active Phase Selector For Uninterrupted Load Run
EW118EE	Speed Control Of Dc Shunt Motor By Field And Armature Control Using Chopper Circuit
EW119EE	Measurement Of Three-Phase Voltage To Provide Reliable Fault Detection And Indication
EW120EE	Wireless Power Grid Controller Through PC
EW121EE	Optimal Data Transmission And Battery Charging Policies For Solar Powered Sensor Networks Using Markov Decision Process
EW122EE	Three Phase Power Measurement And GSM SMS (V, I And P Measurement)
EW123EE	Detecting Power Grid Synchronization Failure On Sensing Frequency Or Voltage Beyond Acceptable Range
EW124EE	Auto Power Supply Control From 3 Different Sources Solar, Mains And Battery To Ensure No Break Power
EW125EE	Capacity Optimization Of The Super capacitor Energy Storages On Dc Railway System Using A Railway Power flow Algorithm
EW126EE	Fault Location And Incipient Fault Detection In Distribution Cables
EW127EE	High Efficiency Ac–Ac Power Electronic Converter Applied To Domestic Induction Heating

EW128EE	Non-Conventional Energy Resource System Through Elevator To Power AC Load Lamps
EW129EE	Miniature Thermal Power Plant Using TEP Transducer For Domestic And Industrial Applications.
EW130EE	Three-Phase Induction Motor DTC-SVM Scheme With Self-Tuning Pi-Type Fuzzy Controller
EW131EE	Voice Enabled Speed Control Of Single Phase Induction Motor
EW132EE	Wireless Power Transfer For E-Mobility
EW133EE	Jogger Bench Using PWM Technique And H-Bridge With Person Fall Detection And Prevention
EW134EE	EEPROM Based Smart Prepaid Energy Meter With Auto cut Off On No Balance
EW135EE	Automatic Active Phase Selector For Single Phase Load From Three Phase Supply
EW136EE	Shock Proof Electrical Appliances Control System For Physically Challenged Using At89s52 MCU
EW137EE	Ultraviolet Sterilization System With UV Lamp Failure Detection And Content Volume Monitoring Using Magnetic Sensors
EW138EE	Street Light Power Cable Monitoring System Based On Wireless Sensor Networks Using Zigbee Communication
EW139EE	Ac Motor Speed Control Using Power TRIAC With Display Unit
EW140EE	Three Phase Induction Motor Safety Implementation
EW141EE	TRIAC Based Sound Scanner For Audio-Controlled Loads
EW142EE	Servo Controlled Automatic Voltage Stabilizer With Higher & Lower Cut-Off
EW143EE	Capacitive Load Banks For Power Factor Correction With Automatic And Manual Mode Setting
EW144EE	Implementation Of Nikola Tesla's Method Of Wireless Electricity Transfer (Witricity)
EW145EE	Electronic Soft Start Of 3 Phase Induction Motor
EW146EE	Low Power High Efficient Solar Based Rice Cooker With Fast Cooking Capacity For Power Saving And Renewable Energy Conservation Application

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EW147EE	Implementation Of Solar Fridge With Chilling Applications With Temperature Monitoring
EW148EE	Implementation Of Hi-Tech Agricultural Solar Fence Security With Soil Humidity Based Automatic Irrigation System And Voice Alert On PIR Live Human Detection
EW149EE	Distributed Energy Storage Technologies For Micro grid Applications
EW150EE	Optimization Of A Photovoltaic Battery Ultra capacitor Hybrid Energy Storage System
EW151EE	Analysis And Design Of A Bidirectional Isolated Dc-Dc Converter For Fuel Cell And Super Capacitor
EW152EE	Application Of Wide Area Monitoring Protection And Control In An Electricity Distribution Network
EW153EE	Simplified Stability Analysis Of A V/F Controlled Closed-Loop Induction Motor Drive System
EW154EE	Protection And Control Of Low Voltage Motors Used In Industrial Applications
EW155EE	Innovative Differential Protection Of Power Transformers Using Low-Energy Current Sensors
EW156EE	Web Based Service To Monitor Automatic Irrigation System For The Agriculture Field Using Sensors
EW157EE	Designing A Central Control Unit And Soil Moisture Sensor Based Irrigation Water Pump System
EW158EE	Applied Research Of The Intelligent Temperature Controlled Speed Adjustable Fan
EW159EE	Automatic Control Of Irrigation Systems Aiming At High Energy Efficiency In Rice Crops
EW160EE	Design And Implementation Of A On-Board Device For Photovoltaic Panels Monitoring
EW161EE	Experimental Study Platform Of The Automatic Transfer Switch Used To Power Supplies Back-Up
EW162EE	An On-Line Monitoring System Of Temperature Of Conductors And Fittings Based On GSM And Zigbee

EW163EE	Battery-Management System (BMS) And Soc For Vehicle Study On Precision Water Saving Irrigation Automatic Control System By Plant Physiology
EW164EE	Remote Monitoring Of High-Voltage Disconnect Switches In Electrical Distribution Substations
EW165EE	Industrial Parameters Monitoring And Announcement By Using Voice IC
EW166EE	Automated System For Fault Analysis In Industries And Intimation Through SMS
EW167EE	Auto Selection Of Any Available Phase, In 3 Phase Supply System
EW168EE	Automatic Star Delta Starter Using Relays And Adjustable Electronic Timer For Induction Motor
EW169EE	High Voltage Dc Up to 3kv From Ac By Using Diode And Capacitors In Ladder Network
EW170EE	Solar Based Coolants Control System with voltage graph on MATLAB Software
EW171EE	Power Line Carrier Communication (PLCC) Based Industrial Parameters Monitoring And Controlling System.
EW172EE	Design and Implementation of Shaped Magnetic-Resonance-Based Wireless Power Transfer System for Roadway-Powered Moving Electric Vehicles
EW173EE	Solar powered Industrial induction principle based Boiler Controller with Temperature Display.
EW174EE	Hybrid power generation using solar, wind and hydel and designing of high efficient inverter
EW175EE	Automated Power factor correction and Notifications through the GSM Technology
EW176EE	Development of Solar Dryer Incorporated With Evacuated Tube Collector.
EW177EE	Greening Residential Wi-Fi Networks under Centralized Control.
EW178EE	PI Controller for Energy Management System in Hybrid Electric Ship.
EW179EE	Grid Synchronization Fail Detection on Sensing Frequency Or Voltage Beyond Range.

EW180EE	Auto Selection of Optimum Power From 4 Different Sources-Solar, Mains, Generator & Inverter To Ensure No Break Power
EW181EE	Three Phase Fault Analysis with Auto Reset On Temporary Fault and Permanent Trip Otherwise.
EW182EE	Novel Wireless Self-powered Microcontroller-based Monitoring Circuit for Photovoltaic Panels in Grid-connected System.
EW183EE	Multiple Transformers oil temperature monitoring with automatic circuit breaker operation with SMS based alerts
EW184EE	Analysis and Practical Considerations in Implementing Multiple Transmitters for Wireless Power Transfer via Coupled Magnetic Resonance

CORE ELECTRICAL / POWER ELECTRONICS / POWER SYSTEMS PROJECTS

EECP001	Ac Motor Speed Control Using Power TRIAC
EECP002	TRIAC Based Sound Scanner For Audio Controlled Lamps
EECP003	Four Quadrant Operation Of Dc Motor
EECP004	Thyristor Power Control By IR Remote
EECP005	SMS Based Speed Control Of Thread Roller's Ac Motor In Spinning Mills Using GSM
EECP006	Pc Based Stepper Motor Control For Robotic Applications
EECP007	Pc Based Dc Motor Speed And Direction Control Using PWM And H-Bridge
EECP008	Automatic Temperature Based Fan Speed Controller
EECP009	Jogger Bench Using PWM Technique And H-Bridge With Person Fall Detection & Prevention
EECP010	Auto Turn Off For Water Pump With Four Different Time Slots For Power Saving Applications
EECP011	Dc Motor Speed Control Using PWM Technique Using At89s52 MCU

EECP012	Stepper Motor Control Using At89s52 For Robotic Applications
EECP013	Feeder Protection From Over Load And Earth Fault Relay
EECP014	Feeder Over Load Protection And Auto Trip Off Using Current Transformer And Operational Amplifier
EECP015	Earth Fault And Short Circuit Protection And Auto Mains Trip Off Using Current Transformer And Operational Amplifier
EECP016	Pc Based Substation Monitoring
EECP017	Intelligent Automatic Transformer Load Sharing System
EECP018	Automatic Power Factor Corrector Using Capacitive Load Banks
EECP019	Ferranti Effect Compensation By Thyristor Switched Reactor (TSR) In Flexible Ac Transmission System (Facts)
EECP020	Shunt Compensation Technique For Improved Power Factor By Thyristor Switched Capacitor In Flexible Ac Transmission System (Facts)
EECP021	Implementation Of Nikola Teslas Method Of Wireless Electricity Transfer WITRICITY
EECP022	High Voltage Dc Using Marx Generator
EECP023	Three Phase Load Safety Implementation With Phase Fault Detector
EECP024	Smooth Start Of A Three Phase Induction Motor
EECP025	Automatic Active Phase Selector For Single Phase Load From Three Phase Supply
EECP026	Three Phase Fault Analysis With Auto Reset On Temporary Fault And Permanent Trip Otherwise
EECP027	Detecting Power Grid Synchronization Failure On Sensing Frequency Or Voltage Beyond Acceptable Range
EECP028	Distance Calculation For Underground Cable Faults
EECP029	Design Of An Intelligent SMS Based Remote Electricity Metering And Billing System
EECP030	Power Theft Detection And Intimation Energy Meter Information On Through SMS With Auto Power Cutoff
EECP031	EWPROM Based Prepaid Energy Meter With Auto Cut Off On No Balance

EECP032	Intelligent Self-Tripping Power Supply With Auto Power Off On Lamp Load Failure
EECP033	Auto Power Supply Control From Four Different Sources: Solar Power, Wind Power, Mains, And Inverter To Ensure Interrupt Free Power Supply
EECP034	Servo Controlled Voltage Stabilizer With Higher And Lower Cut Off
EECP035	Petrochemical Level Indicator And Controller For Automation Of Cotton Purification Process In Spinning Mills Using 89s52 MCU
EECP036	Programmable Temperature Monitor And Controller For Industrial Boilers & Ovens Using At89s52 MCU
EECP037	Shock Proof Electrical Appliances Control System For Physically Challenged Using At89s52 MCU
EECP038	Radio Frequency Based Remote Industrial Appliances Control System
EECP039	PC Based Appliances Control In A Plant Using PCS Parallel Port (C-Language)
EECP040	PC Based Hi-Tech Industrial Automation With Auto / Manual Modes Of Operation
EECP041	Design And Development Of Activation And Controlling Of Home Automation System Via SMS Through Microcontroller
EECP042	DTMF Based Industrial Automation And Appliances Control System For Rural And Agriculture Applications Using AT89S52 MCU
EECP043	High Sensitive LDR Based Power Saver For Street Light Control System
EECP044	Real Time Clock Based Industrial Automation Using Dallas RTC And I2c Protocol Using At89s52 MCU
EECP045	Automatic Plant Irrigation System With Dry / Wet Soil Sense And Controlling 230v Water Pump For Agricultural Applications Using At89s52 MCU
EECP046	Automatic Room Light Control With Visitor Counting For Power Saving Applications
EECP047	Auto Selection Of Any Available Phase, In 3 Phase Supply System
EECP048	Automatic Star Delta Starter Using Relays And Adjustable Electronic Timer For Induction Motor
EECP049	Electronic Soft Start Of 3 Phase Induction Motor
EECP050	Four Quadrant Dc Motor Control Without Microcontroller

EECP051	High Voltage Dc Up to 3kv From Ac By Using Diode And Capacitors In Ladder Network
EECP052	Over Voltage Or Under Voltage Tripping Mechanism
EECP053	Phase Sequence Checker For Three Phase Supply
EECP054	PVG Based Smart Energy Modeling For Agricultural Sector
EECP055	Solar Power Charge Controller
EECP056	Time Delay Based Relay Operated Load
EECP057	Touch Controlled Load Switch
EECP058	Using TV Remote As A Cordless Mouse For The Computer Using PIC MC

SOLAR / WIND / GREEN HOUSE / RENEWABLE ENERGY SOURCES

EEES1	Solar Based Air Compressor Pump For Car Bike Tire Inflate
EEES2	Solar Based High Efficient Vacuum Cleaner Capable Of Capturing Even 40 Microns Small Dust
EEES3	Implementation Of Solar Inverter For Home / Garden / Street Light Applications
EEES4	Real Time Clock Based Solar LED Street Light Automation Using Dallas RTC And I2c Protocol
EEES5	Implementation Of Solar Water Pump Control With Four Different Time Slots For Power Saving Applications
EEES6	Design And Implementation Of Maximum Power Tracking System By Automatic Control Of Solar Panel Direction According To The Sun Direction (Model Sunflower)
EEES7	Solar Based E-Uniform For Soldiers Who Work At Extreme High Temperature Or Extreme Low Temperature
EEES8	Farmer Friendly Solar Based Electric Fence For Rural Agriculture With Battery Voltage Analyzer Using At89s52 MCU
EEES9	Solar Based Mobile Charger For Rural Areas (Charge Your Mobile Anywhere With Sunlight) With Battery Voltage Analyzer Using At89s52 MCU

EEES10	Solar Highway Lighting System With Auto Turn Off On Day Time With LCD Display
EEES11	Implementation Of Hi-Tech Agricultural Solar Fence Security With Soil Humidity Based Automatic Irrigation And Voice Announcement Alert On PIR Live Human Detection
EEES12	Aerodynamic Wind Mill With Reverse Charge Protection For Rural Power Generation Applications With Battery Voltage Analyzer Using At89s52 MCU
EEES13	Next Generation Alternative Energy Storage Application With Super Capacitors / Ultra Capacitors With Voltage Analyzer Using At89s52 MCU
EEES14	Foot Step Power Generation System For Rural Energy Application To Run Ac And Dc Loads
EEES15	Hand Cranked Dynamo Based Energy Generation System For Emergency Headlamp Applications For Mining Workers And Engineers Who Work Under Ground
EEES16	Microhydel Power Generation System From Building Roof Rain Water Flow To Power Ac / Dc Loads With Battery Reverse Charge Protection
EEES17	Non-Conventional Energy Resource System Through Elevator To Power A Ac CFL Load Lamps With Micro Inverter
EEES18	Pendulum Power Generation Using Earth Gravitational Force With Micro Inverter To Power Up Loads Up To 40w
EEES19	Design And Implementation Of Miniature Thermal Plant Using TEP Transducer For Industrial And Domestic Power Generation
EEES20	Alerts The User With Voice Messages In Case Of Over Power Utilization
EEES21	Design Of Sun Tracker For Solar Module Positioning
EEES22	Microcontroller Based Advanced Solar Street Light Control
EEES23	Medicine Refrigeration For Rural And Flood Affected Areas - Fast Chilling Solar Based Refrigerator With Dual Mode Battery Charging For Preserving Medicines
EEES24	Solar Based Air Compressor Pump for Car, Bike Tire Inflate
EEES25	Solar Based High Efficient Vacuum Cleaner Capable Of Capturing Even 40 Microns Small Dust Particles
EEES26	Implementation of Solar Inverter for Home, Garden, Streetlight Applications

EEES27	Implementation Of Solar Water Pump Controlled With Four Different Time For Power Saving Applications
EEES28	SOLAR HIGHWAY LIGHTING SYSTEM WITH AUTO TURN OFF ON DAY TIME WITH LCD DISPLAY

ADVANCED WIRELESS ELECTRICAL PROJECTS WITH ZIGBEE / BLUETOOTH / RF / IR

EWEP1	Wireless Data Encryption And Decryption For Secured Communication Using RF
EWEP2	Wireless Electrical Apparatus Control System With Speed Control Of Ac Motor In A Plant Using RF Communication
EWEP3	Wireless Dc Motor Speed And Direction Control Using RF Communication
EWEP4	Wireless Stepper Motor Control Using RF Communication
EWEP5	RF Based Tsunami Detection And Remote Alert System With 60db Siren
EWEP6	Advanced Low Power Wireless Electronic Security System With Magnetic And Pet Immune PIR Sensor With Auto-Dialer
EWEP7	Wireless Stepper Motor Control Using IR Communication
EWEP8	Advanced Power Line Communication Through 230v Ac Live Wire
EWEP9	Wireless Dc Motor Speed And Direction Control Using IR (PWM And H-Bridge)
EWEP10	Wireless Electrical Apparatus Control System Using IR Communication
EWEP11	Over Speed & Unauthorized Vehicle Detection Using IR Based Speed Sensors
EWEP12	Auto Speed Control Of Solar Car At Specified Locations Like School Zones / Hospitals / Residential Areas
EWEP14	Zigbee Based Wireless Remote Weather Station Monitoring System
EWEP15	Advanced Railway Track Fault Detection With Remote Station Messaging System Using Zigbee Communication
EWEP16	Digital Control For Home Lighting Systems With Zigbee Communication
EWEP17	The Temperature Humidity Monitoring System Of Soil Based On Wireless Sensor Networks

ELECTRICAL AUTOMATION PROJECTS WITH GSM / CDMA / DTMF/ GPS

EEMC1	Power Theft Detection And Intimation Energy Meter Information On Through SMS With Auto Power Cutoff
EEMC2	Design And Development Of Activation And Controlling Of Home Automation System Via SMS Through Microcontroller
EEMC3	SMS Based PWM Speed And Direction Control Of Dc Motor Using H-Bridge And GSM
EEMC4	SMS Based Speed Control Of Thread Roller's Ac Motor In Spinning Mills Using GSM
EEMC5	Design Of An Intelligent SMS Based Remote Electricity Metering And Billing System
EEMC6	Supervisory Control And Data Acquisition System (SCADA) Using GSM Modem
EEMC7	Power Theft Detection And Intimation Energy Meter Information On Through SMS With Auto Power Cutoff

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