

Main Branch	Theme/Area	Title of Project	Year
Electrical	Application of Power Electronic In Non Conventional Sources	REACTIIVE POWER IMPROVEMENT OF WIND ENERGY SYSTEMS USING STATCOM	2013
Electrical	Application of Power Electronic In Non Conventional Sources	AUTONOMOUS CONTROL OF INTERLINKING CONVERTER IN HYBRID AC-DC MICROGRID	2013
Electrical	Application of Power Electronic In Non Conventional Sources	ENHANCEMENT OF LVRT PERFORMANCE OF PMSG USING ENERGY STORAGE SYSTEM	2013
Electrical	Application of Power Electronic In Non Conventional Sources	"MAXIMUM POWER POINT TRACKING FOR HYBRID WIND-DIESEL SYSTEM"	2013
Electrical	Application of Power Electronic In Non Conventional Sources	GRID POWER QUALITY IMPROVEMENT IN WIND ENERGY SYSTEM USING STATCOM COMBINED WITH BESS	2013
Electrical	Application of Power Electronic In Non Conventional Sources	COMPARISON AND ANALYSIS OF MPPT TECHNIQUE FOR WIND ENERY CONVERSION SYSTEM	2013
Electrical	Application of Power Electronic In Non Conventional Sources	ANALYSIS OF HYBRID SOLAR-WIND SYSTEM FOR STAND ALONE APPLICATIONS	2013

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Electrical	Application of Power Electronic In Non Conventional Sources	MODELING AND SIMULATION OF WIND ENERGY CONVERSION SYSTEM	2013
Electrical	Application of Power Electronic In Non Conventional Sources	Dynamic response improvement of a grid connected DFIG wind turbine with fuel cell	2013
Electrical	Application of Power Electronic In Non Conventional Sources	APPLICATION OF PV SOLAR PLANT AS STATCOM IN DISTRIBUTION SYSTEM	2013
Electrical	Application of Power Electronic In Non Conventional Sources	Microgrid Dynamic Stabilization with Hydrogen Buffer	2013
Electrical	Application of Power Electronic In Non Conventional Sources	IMPROVEMENT OF TRANSIENT STABILITY OF POWER SYSTEM WITH WIND FARM	2013
Electrical	Application of Power Electronic In Non Conventional Sources	A FAST CONVERGING MPPT TECHNIQUE FOR PHOTOVOLTAIC SYSTEM	2014
Electrical	Application of Power Electronic In Non Conventional Sources	MAXIMUM POWER POINT TRACKING FOR PHOTOVOLTAIC SYSTEM UNDER NON-UNIFORM INSOLATION USING DETERMINISTIC PARTICLE SWARM OPTIMIZATION	2014

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Electrical	Application of Power Electronic In Non Conventional Sources	DOUBLE FED INDUCTION GENERATOR FOR VARIABLE SPEED WIND ENERGY CONVERSION USING UNIFIED POWER FLOW CONTROLLER SIMULATION	2014
Electrical	Application of Power Electronic In Non Conventional Sources	PMSG CONTROL USING SPACE VECTOR MODULATION TECHNIQUE IN WECS	2014
Electrical	Application of Power Electronic In Non Conventional Sources	ANALYSIS AND CONTROL OF PV SOLAR FARM OPERATING IN VAR MODE AT NIGHT	2014
Electrical	Application of Power Electronic In Non Conventional Sources	SIMULATION AND IMPLEMENTATION OF SOLAR BASED INDUCTION HEATING SYSTEM	2014
Electrical	Application of Power Electronic In Non Conventional Sources	POWER QUALITY IMPROVEMENT OF WIND ENERGY SYSTEM USING FACT DEVICE	2014
Electrical	Application of Power Electronic In Non Conventional Sources	ACTIVE POWER TRANSFER , REACTIVE POWER COMPENSATION AND VOLTAGE CONVERSION IN WIND DISTRIBUTION SYSTEM	2014
Electrical	Application of Power Electronic In Non Conventional Sources	APPLICATION OF PV SOLAR PLANT AS STATCOM IN DISTRIBUTION SYSTEM	2014

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Electrical	Application of Power Electronic In Non Conventional Sources	POWER CONTROL IN DC MICROGRID POWER WITH ENERGY STORAGE SYSTEM	2014
Electrical	Application of Power Electronic In Non Conventional Sources	SINGLE PHASE MODIFIED H-BRIDGE MULTILEVEL INVERTER IN STAND ALONE PV SYSTEM	2014
Electrical	Application of Power Electronic In Non Conventional Sources	PMSG BASED WIND GENERATOR USING QUAZI Z SOURCE INVERTER	2014
Electrical	Application of Power Electronic In Non Conventional Sources	L.V.R.T. WITH REACTIVE POWER INJECTION IN GRID CONNEDCTED PV SYSTEM.	2014
Electrical	Application of Power Electronic In Non Conventional Sources	CONTROL STRATEGIES OF PERMANENT MAGNET SYNCHRONOUS GENERATOR IN WIND APPLICATION	2014
Electrical	Application of Power Electronic In Non Conventional Sources	SIMULINK MODELING OF SOLAR PV & WIND HYBRID SYSTEM WITH MPPT FOR DISTRIBUTED GENERATION	2014
Electrical	Application of Power Electronic In Non Conventional Sources	DESIGN AND IMPLEMENTATION OF SOLAR BASED HERIC INVERTER PERFORMANCE FOR STANDALONE SYSTEM	2014

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Electrical	Application of Power Electronic In Non Conventional Sources	VOLTAGE PROFILE IMPROVEMENT OF DISTRIBUTION SYSTEM WITH GRID CONNECTED SOLAR PLANT USING PV-DVR.	2014
Electrical	Power System Optimization		2012
Electrical	Power System Optimization	PLANNING OF SUBSTATION & DISTRIBUTION SYSTEM FOR A NEW CITY - DHOLERA	2013
Electrical	Power System Optimization	POWER OPTIMIZATION TECHNIQUE USING SOLAR PHOTO-VOLTAIC SYSTEM TO COORDINATION WITH THE GRID	2013
Electrical	Power System Optimization	OPTIMAL ACTIVE AND REACTIVE POWER DISPATCH FOR POWER SYSTEM USING CUCKOO SEARCH ALGORITHM	2013
Electrical	Power System Optimization	OPTIMIZED PLACEMENT OF PMU FOR POWER SYSTEM MONITORING	2013
Electrical	Power System Optimization	SUB SYNCHRONOUS RESONANCE AND MITIGATION TECHNIQUE	2013
Electrical	Power System Optimization	GENERATION RESCHEDULING FOR CONGESTION MANAGEMENT USING PARTICLE SWARM OPTIMIZATION	2013
Electrical	Power System Optimization	OPTIMAL LOAD SHEDDING FOR POWER SYSTEM USING FIREFLY ALGORITHM	2013
Electrical	Power System Optimization	PROTECTION AUDIT OF SUBSTATION	2013
Electrical	Power System Optimization	A MULTI-OBJECTIVE COMBINED ECONOMIC EMISSION DISPATCH PROBLEM SOLUTION USING A SEQUENTIAL AND PARALLEL METHOD	2013
Electrical	Power System Optimization	A MULTI ENVIROMENT DISPATCH PROBLEM SOLUTION USING ANT COLONY OPTIMIZATION FOR MICRO GRID	2013
Electrical	Power System Optimization	Simulation Model of Corona Effect in Transmission Line	2013
Electrical	Power System Optimization	Dynamic Reactive Power Management at BUS	2013
Electrical	Power System Optimization	AREA LOAD FREQUENCY CONTROL USING VARIOUS OPTIMIZATION TECHNIQUES.	2013
Electrical	Power System Optimization	MODELING, ANALYSIS AND SIMULATION OF DSTATCOM FOR POWER QUALITY IMPROVEMENT	2013

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Electrical	Power System Optimization	INTEGRATION OF DISTRIBUTED GENERATOR IN PRIMARY DISTRIBUTION SYSTEM	2014
Electrical	Power System Optimization	ENERGY MANAGEMENT SYSTEM PROBLEMS SOLUTION IN A MICROGRID USING COMPUTATIONAL INTELLIGENCE TECHNIQUE	2014
Electrical	Power System Optimization	OPTIMAL POWER FLOW USING META-HEURISTIC OPTIMIZATION APPROACH	2014
Electrical	Power System Optimization	PRICE PENALTY FACTORS BASED APPROACH FOR COMBINED ECONOMIC EMISSION DISPATCH PROBLEM SOLUTION USING META-HEURISTIC TECHNIQUE	2014
Electrical	Power System Optimization	GRAY WOLF OPTIMIZER TO SOLVING ECONOMIC LOAD DISPATCH PROBLEM WITH RAMP RATE LIMITS AND PROHIBITED OPERATING ZONE	2014
Electrical	Power System Optimization	STOCHASTIC LOAD FLOW ANALYSIS	2014
Electrical	Power System Optimization	COMBINED ECONOMIC AND EMISSION DISPATCH USING HYBRID QUADRATIC PARTICLE SWARM OPTIMIZATION	2014
Electrical	Power System Optimization	ECONOMIC LOAD DISPATCH USING PARTICLE SWARM OPTIMIZATION.	2014
Electrical	Power System Optimization	SECURITY CONSTRAINED OPTIMAL POWER FLOW USING GREY WOLF OPTIMIZATION TECHNIQUE	2014
Electrical	Power System Optimization	OPTIMAL SIZE OF CENTRALIZED CAPACITORS FOR LV DISTRIBUTION NETWORK	2014
Electrical	Power System Optimization	TUNING OF PID CONTROLLER FOR AVR USING OPTIMIZATION TECHNIQUES	2014
Electrical	Power System Optimization	AREA LOAD FREQUENCY CONTROL USING METAHEURISTIC ALGORITHMS	2014
Electrical	Power System Optimization	OPTIMAL POWER FLOW IN PRESENCE OF WIND POWER CONSIDERING RESERVE COST/PENALTY COST USING PARTICLE SWARM OPTIMISATION	2014
Electrical	Power System Optimization	AUTOMATIC LOAD FREQUENCY CONTROL OF MULTI AREA POWER SYSTEM	2014
Electrical	Power System Optimization	IMPACT ANALYSIS OF VARIATION IN PENALTY FACTOR ON OPTIMIZATION OF CEED PROBLEM SOLUTION	2014
Electrical	Power System Optimization	LOSS MINIMIZATION WITH POWER QUALITY AND RELIABILITY IMPROVEMENT OF POWER DISTRIBUTION SYSTEM TO LOCATE SIZE AND NUMBER OF DG S USING PSO	2014
Electrical	Power System Optimization	OPTIMAL COORDINATION OF DIRECTIONAL OVER CURRENT RELAYS USING ACCELERATED PARTICLE SWARM OPTIMIZATION	2014

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Electrical	Power System Optimization	ACTIVE DEMAND SIDE MANAGEMENT SYSTEM	2014
Electrical	Power System Optimization	AUTOMATIC GENERATION CONTROL OF INTERCONNECTED POWER SYSTEM BY SUPERCONDUCTING MAGNETIC ENERGY STORAGE WITH DIVERSOURCES.	2014
Electrical	Power System Optimization	ANALYSIS AND SIMULATION OF VOLTAGE SAG AND SWELL OF A DISTRIBUTED SYSTEM WITHOUT AND WITH DYNAMIC VOLTAGE RESTORER.	2014
Electrical	Power System Optimization	EVALUATION OF POWER SYSTEM OSCILLATION & ITS IMPROVEMENT WITH THE USE OF PHASOR MEASUREMENT TECHNOLOGY.	2014
Electrical	Power System Optimization	OPTIMIZED POD CONTROLLER BASED UPFC FOR POWER OSCILLATIONS DAMPING	2014
Electrical	Power System Optimization	OPTIMAL POWER FLOW ANALYSIS OF INTERCONNECTED POWER SYSTEM	2014
Electrical	Power System Restructuring	STATE ESTIMATION IN POWER SYSTEM	2013
Electrical	Power System Restructuring	CONGESTION MANAGEMENT IN DEREGULATED POWER SYSTEMS	2013
Electrical	Power System Restructuring	REACTIVE POWER PRICING: REMUNERATION FOR CHARGING SCHEDULE PROCEDURE FOR COMPETITIVE MARKETS	2013
Electrical	Power System Restructuring	CONGESTION MANAGEMENT USING CONTINGENCY ANALYSIS	2013
Electrical	Power System Restructuring	AVAILABLE TRANSFER CAPABILITY CALCULATION IN DEREGULATED POWER SYSTEM	2013
Electrical	Power System Restructuring	OPTIMAL UNIT COMMITMENT USING BAT ALGORITHM	2014
Electrical	Power System Restructuring	PRICE BASED DEMAND RESPONSE OF ELECTRIC STORAGE	2014
Electrical	Power System Restructuring	TRANSMISSION CONGESTION MANAGEMENT USING MODIFIED PARTICLE SWARM OPTIMIZATION.	2014
Electrical	Power System Restructuring	ATC DETERMINATION IN RESTRUCTION IN POWER SYSTEM	2014
Electrical	Power System Restructuring	DISTRIBUTION NETWORK RECONFIGURATION FOR LOSS REDUCTION	2014
Electrical	Power System Restructuring	OPTIMIZATION OF PERFORMANCE OF DISTRIBUTION NETWORK BY REPLANNING	2014

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Electrical	Power System Restructuring	ESTIMATION & ENHANCEMENT OF AVAILABLE TRANSFER CAPABILITY	2014
Electrical	Power System Restructuring	ADAPTIVE HYBRID APPROACH BASED MULTI AREA AGC IN RESTRUCTURED ELECTRIC MARKET	2014
Electrical	AC/DC Drives	DATA ACQUISITION AND CONTROL SYSTEM USING PLC NETWORK OVER TCP/IP PROTOCOL	2013
Electrical	AC/DC Drives	OPC-PLC BASED DC MOTOR	2014
Electrical	AC/DC Drives	Assessment of available transfer capability using Bio inspired evolutionary algorithm in deregulated power system	2014
Electrical	AC/DC Drives	SPEED CONTROL OF INDUCTION MOTOR USING ADVANCE CONTROLLER	2014
Electrical	AC/DC Drives	SPEED CONTROL OF BLDC MOTOR USING ADVANCE CONTROLLER	2014
Electrical	AC/DC Drives	PERFORMANCE ENHANCEMENT OF SENSORLESS VECTOR CONTROLLED INDUCTION MOTOR USING DSP	2014
Electrical	AC/DC Drives	BATTERY MANAGEMENT AND SPEED CONTROL USING VARIOUS FEEDBACK MECHANISMS IN HYBRID-EV	2014
Electrical	AC/DC Drives	IMPLIMENTATION OF ZEROVOLTAGE SWITCHING TECHNIQUE FORBIDIRECTIONAL DC/DC CONVERTERS	2014
Electrical	AC/DC Drives	ANFIS BASED ON SPEED CONTROL OF B.L.D.C MOTOR	2014
Electrical	AC/DC Drives	SENSORLESS VECTOR CONTROL OF THREE PHASE INDUCTION MOTOR MARS METHOD	2014
Electrical	AC/DC Drives	PERFORMANCE ANALYSIS OF DIRECT TORQUE CONTROL OF INDUCTION MOTOR DRIVE & ITS IMPROVEMENT USING FUZZY LOGIC CONTROLLER	2014
Electrical	AC/DC Drives	SIMULATION AND DESIGN OF VARIABLE SPEED INDUCTION MOTOR DRIVE FED BY CSI	2014
Electrical	AI Application To Power Systems	ELECTRIC DISTRIBUTION NETWORK MULTIOBJECTIVE DESIGN USING A PROBLEM SPECIFIC GENETIC ALGORITHM	2013
Electrical	AI Application To Power Systems	SMART GRID RECONFIGURATION USING SIMPLE GENETIC ALGORITHM AND NSGA-2	2013
Electrical	AI Application To Power Systems	ARTIFICIAL NEURAL NETWORK BASED DISTANCE PROTECTION SCHEME FOR COMPENSATED TRANSMISSION LINE	2013
Electrical	AI Application To Power Systems	LOAD FREQUENCY CONTROL IN MULTI AREA POWER SYSTEM USING SOFT COMPUTING TECHNIQUE	2013
Electrical	AI Application To Power Systems	Dynamic Voltage Restore based on Fuzzy Logic Controller for voltage Sag/Swell Compensation for Induction Motor Loads	2013
Electrical	AI Application To Power Systems	Transformer Inrush Current Identification Using WAVELET TRANSFORM	2013
Electrical	AI Application To Power Systems	SIMULATION AND ANALYSIS OF CONVENTIONAL AND HEURISTIC BASED APPROACHES IN POWER SYSTEM STATE ESTIMATION	2013
Electrical	AI Application To Power Systems	Multi Area Automatic Generation Control using Adaptive Hybrid Algorithm	2013

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Electrical	AI Application To Power Systems	PERFORMANCE ANALYSIS OF TRANSIENT STABILITY AND ITS IMPROVEMENT USING NEURO FUZZY TECHNIQUES IN POWER SYSTEM	2013
Electrical	AI Application To Power Systems	POWER GENERATION CONTROL USING NEURAL NETWORK	2013
Electrical	AI Application To Power Systems	MITIGATION OF HARMONICS DISTORTION IN THREE PHASE FOUR WIRE SYSTEM BY USING SVC WITH FUZZY LOGIC CONTROLLER	2013
Electrical	AI Application To Power Systems	SHORT TERM LOAD FORECASTING USING ANN	2013
Electrical	AI Application To Power Systems	SIMULATION OF ANN CONTROLLER FOR AUTOMATIC GENERATION CONTROL OF POWER SYSTEM	2013
Electrical	AI Application To Power Systems	WIND POWER GENERATION FORECASTING USING AI TECHNIQUE AND ITS IMPACT ON POWER SYSTEM OPERATION	2013
Electrical	AI Application To Power Systems	APPLICATION OF ARTIFICIAL INTELLIGENCE FOR SHORT TERM LOAD FORECASTING	2013
Electrical	AI Application To Power Systems	DEVELOPMENT OF INTELLIGENT CONTROLLER FOR THE IMPROVEMENT OF TRANSIENT STABILITY EMPLOYING SOFT COMPUTING FOR POWER SYSTEM STABILIZER	2013
Electrical	AI Application To Power Systems	AN ANALYSIS OF ECONOMIC LOAD DISPATCH FOR POWER PLANT USING ARTIFICIAL NEURAL NETWORK TECHNIQUE	2013
Electrical	AI Application To Power Systems	SELECTIVE HARMONICS MITIGATION FROM OUTPUT VOLTAGE SOURCE INVERTER USING FUZZY LOGIC	2013
Electrical	AI Application To Power Systems	REACTIVE POWER OPTIMIZATION USING PSO	2013
Electrical	AI Application To Power Systems	TRANSMISSION PRICING IN DEREGULATED POWER SYSTEM	2013
Electrical	AI Application To Power Systems	Short Term Wind Energy Forecasting	2013
Electrical	AI Application To Power Systems	POWER SYSTEM STABILIZER DESIGN FOR IMPROVING POWER SYSTEM STABILITY USING AI TECHNIQUE	2013
Electrical	AI Application To Power Systems	Simulation and modelling of PSS using fuzzy logic	2013
Electrical	AI Application To Power Systems	Improvement of power quality and reliability of distribution network using genet	2013
Electrical	AI Application To Power Systems	SHORT TERM LOAD FORECASTING USING ARTIFICIAL NEURAL NETWORK	2013

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Electrical	AI Application To Power Systems	UNIT COMMITMENT USING FUZZY LOGIC	2013
Electrical	AI Application To Power Systems	DESIGN OF FUZZY LOGIC CONTROLLED SVC FOR LONG TRANSMISSION LINE	2014
Electrical	AI Application To Power Systems	VOLTAGE SAG AND SWELL MITIGATION USING PI AND FUZZY BASED DSTATCOM	2014
Electrical	AI Application To Power Systems	OPTIMAL RELAY COORDINATION USING HYBRID PSO-LP ALGORITHM	2014
Electrical	AI Application To Power Systems	WIND POWER FORECASTING USING ARTIFICIAL INTELLIGENCE SYSTEM	2014
Electrical	AI Application To Power Systems	AUTOMATIC GENERATION CONTROL FOR TWO AREA SYSTEM USING ARTIFICIAL NEURAL NETWORK BASED NARMA-L2 CONTROLLER	2014
Electrical	AI Application To Power Systems	SHORT TERM LOAD FORECASTING USING ARTIFICIAL NEURAL NETWORK	2014
Electrical	AI Application To Power Systems	OPTIMIZATION OF RELAY COORDINATION USING AI	2014
Electrical	AI Application To Power Systems	HARDWARE IMPLEMENTATION OF FUZZY-LOGIC CONTROLLER WITH ADVANCE CONTROLLER	2014
Electrical	AI Application To Power Systems	LOAD FORECASTING OF POWER SYSTEM USING ARTIFICIAL NEURAL NETWORK.	2014
Electrical	AI Application To Power Systems	POWER SYSTEM CONTINGENCY RANKING USING N-R LOAD FLOW METHOD AND ITS PREDICTION USING ARTIFICIAL INTELLIGENT TECHNIQUES.	2014
Electrical	AI Application To Power Systems	POWER SYSTEM CONTINGENCY ANALYSIS USING ARTIFICIAL NEURAL NETWORK	2014
Electrical	AI Application To Power Systems	DAMPING OF OSCILLATION IN MULTI - MACHINE POWER SYETEM USING POWER SYSTEM STABILIZER (PSS)	2014
Electrical	AI Application To Power Systems	SPEED CONTROL OF 3-PHASE INDUCTION MOTOR USING ARTIFICIAL INTELLIGENCE TECHNIQUES	2014
Electrical	AI Application To Power Systems	REACTIVE POWER COMPENSATION USING STATCOM IN COMPARISON TO SVC USING FUZZY LOGIC CONTROLLER	2014
Electrical	AI Application To Power Systems	DEVELOPMENT OF INTELLIGENT CONTROLLER FOR FAULT DIAGNOSIS OF THREE PHASE TRANSMISSION LINE	2014
Electrical	AI Application To Power Systems	PERFORMANCE ANALYSIS OF PSS AND ITS IMPROVEMENT USING FUZZY LOGIC TO CONTROL THE DYNAMIC STABILITY OF POWER SYSTEM	2014

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Electrical	AI Application To Power Systems	FUZZY BASED MODELLING OF IPFC FOR POWER FLOW MANAGEMENT IN TRANSMISSION LINE	2014
Electrical	AI Application To Power Systems	DAMPING OSCILLATION CONTROL USING PSO BASED PSS AND TCSC	2014
Electrical	AI Application To Power Systems	ELECTRICAL PRICE FORECASTING USING AI	2014
Electrical	AI Application To Power Systems	APPLICATION OF AI TECHNIQUE FOR PROTECTION OF TRANSFORMER	2014
Electrical	Control	DESIGN & DEVELOPMENT OF FUZZY LOGIC CONTROLLER BASED POWER SYSTEM STABILIZER	2012
Electrical	Control	Dynamic Response Analysis through Conventional Methods and Fuzzy Logic for Automatic Load Frequency Controller	2012
Electrical	Control	High temperature heating control for industrial furnace using "SiC" heater and an automation devices	2012
Electrical	Control	APPLICATION OF STATCOM FOR VOLTALTA GE REGULATION USING ADAPTIVE PI CONTROLE STRATEGY	2012
Electrical	Control	SIMULATION AND COMPARATIVE ANALYSIS FOR SMALL SIGNAL STABILITY ENHANCEMENT OF SMIB (HEFFRON-PHILIPS MODEL) WITH INCORPORATION OF PSS, PID-PSS & FUZZY LOGIC CONTROLLER	2012
Electrical	Control	HARMONIC DETECTION AND ESTIMATION USING KALMAN FILTER	2013
Electrical	Control	GREEN HOUSE ENVIORMNENT CONTROL ON POWER SYSTEM	2013
Electrical	Control	AUTOMATIC LOAD FREQUENCY CONTROL OF MULTI AREA POWER SYSTEM	2013
Electrical	Control	APPLICATION OF BOUNCING BALL CONCEPT TO ROBOTICS SYSTEM	2013
Electrical	Control	DESIGN OF NON LINEAR HIGH GAIN OBSERVER FOR FEEDBACK CONTROL SYSTEM	2013
Electrical	Control	CONTROL OF D.C DRIVE USING PID , FUZZY -PID AND MRAC TECHNIQUES	2013
Electrical	Control	DEVELOPMENT OF SMART CONTROLLER FOR MULTISEGMENT SLIDING MODE CONTROL FOR INDUCTION MOTOR.	2013
Electrical	Control	OPTIMAL ENERGY MANAGEMENT BY CONTROL OF HYBRID ELECTRIC VEHICLES	2013
Electrical	Control	ROBUST POLE PLACEMENT EMPLOYING MOORE'S ALGORITHM	2013
Electrical	Control	OPTIMAL STABILIZATION USING LYAPUNOV MEASURES	2013
Electrical	Control	STABILITY ANALYSIS BASED ON ENERGY PRESERVING FUNCTION	2014
Electrical	Control	SUITABLE LYAPUNOV FUNCTION ANALYSIS FOR MIMO SYSTEM	2014
Electrical	Control	POWER SYSTEM VOLTAGE HARMONIC IDENTIFICATION USING KALMAN FILTER	2014
Electrical	Control	HARMONIC DETECTION AND ESTIMATION USING KALMAN FILTER	2014
Electrical	Control	Sliding Mode Control of SRM	2013

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Electrical	Control of Power Electronic Converters for FACTS	Modeling & load Flow Analysis of Power System including IPFC	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	PERFORMANCE EVALUATION OF BUCK-BOOST INVERTER-BASED HVDC TRANSMISSION SYSTEM DURING AC-SIDE & DC-SIDE FAULTS	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	APPLICATION OF PV SOLAR SYSTEM FOR REACTIVE POWER COMPENSATION	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	CLOSED LOOP BUCK - BOOST CONVERTER	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	OPERATION, CONTROL AND PROTECTION OF TCSC INCORPORATED TRANSMISSION LINE	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	REACTIVE POWER AND VOLTAGE CONTROL OF TRANSMISSION SYSTEM USING TSC-TCR	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	Analysis and Modelling of upfc for the reactive power compensation	2013

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Electrical	Control Of Power Electronic Converters For Facts/Power Systems	PERFORMANCE ANALYSIS OF CASCADE MULTI LEVEL INVERTER USING STATCOM	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	VOLTAGE SAG COMPENSATION USING UPFC(UNIFIED POWER FLOW CONTROLLER). <sup>2</sup>	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	MODELING OF MODULAR-BASED FLEXIBLE POWER ELECTRONICS TRANSFORMER	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	MITIGATION OF SUB-SYNCHRONOUS RESONANCE IN SERIES COMPENSATED WIND FARM	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	"ENHACEMENT OF VOLTAGE PROFILE AND FAULT CURRENT INTERRUPTION IN DISTRIBUTION SYSTEM USING DVR"	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	Proto type DPFC for power quality improvement	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	INVESTIGATION ON POWER QUALITY IMPROVEMENT USING DSTATCOM IN DISTRIBUTION SYSTEM	2013

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Electrical	Control Of Power Electronic Converters For Facts/Power Systems	Line Interactive UPS system for Micro Grid	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	POWER QUALITY IMPROVEMENT OF RADIAL AND RINGMAIN SYSTEM	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	TCSC AND UPFC FOR IMPROVEMENT OF POWER QUALITY IN CONGESTION MANAGEMENT	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	POWER QUALITY IMPROVEMENT USING UPQC	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	CASCADED MULTILEVEL INVERTER BASED TRANSFORMERLESS TRACTION DRIVE FOR RAILWAY APPLICATION	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	ENHANCEMENT OF POWER QUALITY BY USING UNIFIED POWER QUALITY CONDITIONER	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	POWER QUALITY IMPROVEMENT USING DISTRIBUTION STATIC SYNCHRONOUS COMPENSATOR(D-STATCOM)	2013

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Electrical	Control Of Power Electronic Converters For Facts/Power Systems	VOLTAGE PROFILE IMPROVEMENT USING THYRISTOR CONTROL SERIES CAPACITOR	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	DESIGN AND SIMULATION OF CURRENT SOURCE INVERTER BASED STATCOM	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	POWER QUALITY IMPROVEMENT AND VOLTAGE SAG MITIGATION IN DISTRIBUTION SYSTEM USING D-STATCOM WITH PI AND FUZZY LOGIC CONTROL	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	STATCOM FOR AN ADAPTIVE POWER OSCILLATION DAMPING CONTROLLER WITH ENERGY STORAGE	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	PERFORMANCE COMPARISON BETWEEN DSTATCOM AND DVR IN DISTRIBUTION SIDE.	2013
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	DESIGN AND SIMULATION OF AN 11 LEVEL INVERTER WITH FACTS CAPABILITY FOR ENERGY DISTRIBUTION SYSTEM	2014
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	SRF BASED CONTROL FOR POWER QUALITY IMPROVEMENT USING D-STATCOM	2014

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Electrical	Control Of Power Electronic Converters For Facts/Power Systems	POWER FLOW CONTROL IN DISTRIBUTION LINE USING D-STATCOM WITH ENERGY STORAGE	2014
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	AC TRACTION POWER LINE FAULT ANALYSIS AND SIMULATION	2014
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	DESIGN, SIMULATION AND ANALYSIS OF STATCOM.	2014
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	SIMULATION OF DSTATCOM FOR VOLTAGE CONTROL AND POWER PROFILE IMPROVEMENT	2014
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	POWER PROFILE IMPROVEMENT USING UPFC	2014
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	ELECTRICAL POWER QUALITY IMPROVEMENT BY UNIFIED POWER QUALITY CONTROLLER	2014
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	REACTIVE/HARMONIC COMPENSATION OF LCC-HVDC RECTIFIER STATION USING SPVC(SERIES PULSED VOLTAGE COMPENSATOR) TOPOLOGY FOR GRID INTEGRATION OF LARGE-SCALE OFF-SHORE WIND POWER	2014

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Electrical	Control Of Power Electronic Converters For Facts/Power Systems	DESIGN AND MODELLING OF SERIES COMPENSATOR FOR ENHANCEMENT ON ATC.	2014
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	POWER SYSTEM STABILITY ENHANCEMENT IN POWER SYSTEM USING STATIC SYNCHRONOUS SERIES COMPENSATOR (SSSC)	2014
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	REACTIVE POWER COMPENSATION BY STATCOM IN GRID CONNECTED DFIG.	2014
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	POWER QUALITY IMPROVEMENT USING UNIFIED POWER QUALITY CONDITIONER (UPQC)	2014
Electrical	Control Of Power Electronic Converters For Facts/Power Systems	SWITCHING OVER VOLTAGE STUDIES FOR CONTROLLED SWITCHING OF TRANSMISSION LINE	2014
Electrical	Control of Power Electronics convertor for FACTs	Design & Development of TSR	2012
Electrical	Design and Control of Power Converters	GRID TIED INVETER USING DSP CONTROLLER	2013
Electrical	Design and Control of Power Converters	DESIGN AND IMPLEMENTATION OF IGC FOR A CONSTANT VOLTAGE ,1-? SELF EXCITED INDUCTION GENERATOR	2013

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Electrical	Design and Control of Power Converters	ANALYSIS OF T SHAPED Z SOURCE INVERTER	2013
Electrical	Design and Control of Power Converters	DESIGN OF PV CELL CONTROLLER TO FEED STANDARD 400V CLASS VARIABLE FREQUENCY DRIVE (VFD) AT ITS DC LINK FOR ENERGY CONSERVATION.	2013
Electrical	Design and Control of Power Converters	IMPROVED POWER QUALITY MULTILEVEL DC-DC BOOST CONVERTER FOR BATTERY CHARGER	2013
Electrical	Design and Control of Power Converters	DESIGN AND DEVELOPMENT OF MULTILEVEL INVERTER	2014
Electrical	Design and Control of Power Converters	DESIGN OF CUK CONVERTER POWERED BY PV SYSTEM	2014
Electrical	Design and Control of Power Converters	HIGH FREQUENCY PWM BASED ARC WELDING SYSTEM	2014
Electrical	Design and Control of Power Converters	DESIGN & IMPLEMENTATION OF 1- PHASE FRONT END CONVERTER FOR POWER FACTOR IMPROVEMENT	2014
Electrical	Design and Control of Power Converters	SINGLE PHASE TO THREE PHASE MATRIX CONVERTER WITH PDM CONTROL	2014
Electrical	Design and Control of Power Converters	TRANSFORMERLESS SINGLE PHASE GRID CONNECTED PV INVERTER USING BOOST DC-DC CONVERTER	2014
Electrical	Design and Control of Power Converters	DEVELOPMENT OF CCS & CVS BASED ARCHITECTURE FOR HIGH VOLTAGE & HIGH CURRENT APPLICATION.	2014
Electrical	Distributed Generation	CONTINUOUS POWER SUPPLY FOR CRITICAL LOAD THROUGH MICROGRID AND AUTO SYNCHRONIZATION FOR MICROGRID RECLOSURE AFTER ISLANDING OPERATION	2013
Electrical	Distributed Generation	ANALYSIS OF IMPACT OF HIGH PHOTOVOLTAIC PENETRATION ON DISTRIBUTION SYSTEM	2013

Main Branch	Theme/Area	Title of Project	Year
Electrical	Distributed Generation	MAXIMUM POWER EXTRACTION FROM WIND TURBINE USING SPSA (SIMULTANEOUS PERTURBATION STOCHASTIC APPROXIMATION) METHOD	2013
Electrical	Distributed Generation	MODELLING & CONTROL OF DFIG FOR GRID SYNCHRONIZATION	2013
Electrical	Distributed Generation	POWER MANAGEMENT FOR FC/PV/BATTERY HYBRID SYSTEM	2013
Electrical	Distributed Generation	COST MINIMIZATION AND LOSS MINIMIZATION BASED TRANSMISSION NETWORK EXPANSION PLANNING WITH DISTRIBUTED GENERATION PENETRATION	2013
Electrical	Distributed Generation	MODELING, ANALYSIS AND CONTROL OF DISTRIBUTED GENERATION INTERFACING TO THE UTILITY GRID	2013
Electrical	Distributed Generation	Optimum Power Flow Control Management in Micro Grid	2013
Electrical	Distributed Generation	POWER QUALITY ISSUES IN DISTRIBUTION SYSTEM N/W WITH HIGH PENETRATION OF PV GENERATION	2013
Electrical	Distributed Generation	MODELING AND CONTROL OF DISTRIBUTED GENERATION IN GRID AND ISLANDING MODE	2013
Electrical	Distributed Generation	ACTIVE SYNCHRONIZATION OF A DISTRIBUTED GENERATION WITH UTILITY GRID.	2013
Electrical	Distributed Generation	MITIGATE VOLTAGE SAG/SWELL & POWER QUALITY DISTRIBUTION SYSTEM USING STATCOM	2013
Electrical	Distributed Generation	SOLAR AND WIND BASED HYBRID SYSTEM	2014
Electrical	Distributed Generation	VARIOUS PARAMETERS CONTROL IN DG	2014
Electrical	Distributed Generation	DESIGN AND SIMULATION OF INDUCTION MOTOR PUMP SUPPLIED BY PHOTOVOLTAIC GENERATOR	2014
Electrical	Distributed Generation	AUTONOMOUS OPERATION OF MICROGRID STABILITY DURING FAULT TRIGGERED INCIDENT WITH DIFFERENT LOAD	2014
Electrical	Distributed Generation	ISLANDING DETECTION FOR DISTRIBUTED GENERATION SYSTEM	2014
Electrical	Distributed Generation	IMPACT OF DISTRIBUTED GENERATION ON POWER SYSTEM	2014
Electrical	Distributed Generation	MINIMIZATION OF THE DC COMPONENT IN TRANSFORMERLESS GRID-CONNECTED PHOTOVOLTAIC INVERTERS	2014

Main Branch	Theme/Area	Title of Project	Year
Electrical	Distributed Generation	MODELLING AND ANALYSIS OF CANAL TYPE SMALL HYDRO POWER PLANT AND PERFORMANCE ENHANCEMENT USING PID CONTROLLER	2014
Electrical	Distributed Power Generation	IMPLEMENTATION OF SMART METERING : ISSUES AND REMEDIES	2013
Electrical	Distributed Power Generation	COST OPTIMIZATION & FEASIBILITY STUDY OF SOLAR ROOF TOP POWER PLANT	2013
Electrical	Distributed Power Generation	IMPROVEMENT OF VOLTAGE STABILITY OF POWER SYSTEM IN THE PRESENCE OF DISTRIBUTE GENERATION.	2013
Electrical	Distributed Power Generation	INTEGRATION OF RENEWABLE ENERGY SOURCES WITH MICROGRID	2013
Electrical	Distributed Power Generation	ANALYSIS OF A SOLAR ENERGY EMBEDDED TO DISTRIBUTION GRID FOR ACTIVE AND REACTIVE POWER SUPPLY TO GRID	2013
Electrical	Distributed Power Generation	design of control strategy for islanded microgrid	2013
Electrical	Distributed Power Generation	SYNCHROPHASOR APPLICATION FOR DISTRIBUTED GENERATION CONTROL	2013
Electrical	Distributed Power Generation	USING HYBRID AC-DC SMART GRID COMPENSATE THE REACTIVE POWER	2013
Electrical	Distributed Power Generation	SIMULATION AND ANALYSIS OF CONCENTRATING SOLAR POWER PLANT	2013
Electrical	Distributed Power Generation	SIMULATION AND ANALYSIS OF HYBRID POWER GENERATION SYSTEM	2013
Electrical	Distributed Power Generation	Simulation of microturbine models to analyze its load following performance as distributed energy resource in smart grid.	2013
Electrical	Distributed Power Generation	DYNAMIC MODELING AND GRID INTEGRATION OF A SOLID OXIDE FUEL CELL.	2013
Electrical	Distributed Power Generation	ISLANDING DETECTION TECHNIQUE FOR DISTRIBUTED GENERATOR	2014
Electrical	Distributed Power Generation	POWER MANAGEMENT OF GRID CONNECTED HYBRID SYSTEM	2014
Electrical	Distributed Power Generation	VOLTAGE DROOP CONTROL OF DC MICROGRID	2014
Electrical	Distributed Power Generation	AN ISLANDING DETECTION USING PASSIVE ISLANDING DETECTION TECHNIQUE	2014

Main Branch	Theme/Area	Title of Project	Year
Electrical	Distributed Power Generation	INTIGRATED SECURITY CONSTRAINT MODEL BASED DYNAMIC POWER MANAGEMENT APPROCH FOR ISOLATED MICROGRIDS	2014
Electrical	Distributed Power Generation	MODELLING AND CONTROL OF STANDALONE WIND POWER GENERATING SYSTEM	2014
Electrical	Distributed Power Generation	MEGAWATT SOLAR FARM FED CONSTANT LOAD IN GRID WITH COST ESTIMATION	2014
Electrical	Distributed Power Generation	ISLANDING DETECTION OF WIND FARM	2014
Electrical	Distributed Power Generation	CONTROL OF MICROGRID IN GRID-CONNECTED AND ISLANDED MODE	2014
Electrical	Distributed Power Generation	CONTROL STRATEGY OF MICRO GRID WITH PV AND ENERGY STORAGE SYSTEM	2014
Electrical	Distributed Power Generation	OPERATION AND CONTROL OF HYBRID PHOTOVOLATIC DIESEL FUEL CELL SYSTEM CONNECTED AS LINE INTRACTIVE MICRO GRID	2014
Electrical	Distributed Power Generation	POWER MANAGEMENT OF GRID CONNECTED PV/WIND/BESS ENERGY SYSTEM	2014
Electrical	Distributed Power Generation	CONTROL FOR GRID CONNECTED AND INTENTIONAL ISLANDING OPERATIONS OF DISTRIBUTED POWER GENERATION	2014
Electrical	Distributed Power Generation	ISSUES OF DISTRIBUTION GENERATION & ITS OPTIMAL PLACEMENT IN DISTRIBUTION NETWORK	2014
Electrical	Distributed Power Generation	LOW VOLTAGE RIDE THROUGH CAPABILITY ENHANCEMENT OF GRID CONNECTED PV SYSTEM	2014
Electrical	Distributed Power Generation	POWER MANAGEMENT STRATEGIES FOR A GRID CONNECTED PVFC HYBRID SYSTEM	2014
Electrical	Distributed Power Generation	EFFECT OF REACTIVE POWER IN WIND FARM DURING POWER EVACUATION ANDF ISLANDING	2014
Electrical	Distributed Power Generation	SIMULATION AND ANALYSIS OF RENEWABLE BASED STANDALONE GENERATION SYSTEM FOR SMART MINI GRID APPLICATIONS	2014
Electrical	Distributed Power Generation	MPPT WITH INCREMENTAL CONDUCTANCE METHOD IN GRID CONNECTED PHOTO VOLTAIC SYSTEM	2014
Electrical	Distributed Power Generation	IMPROVEMENT OF THERMAL POWER PLANT EFFICIENCY BY ENHANCEMENT IN POWER PLANT DESIGN.	2014
Electrical	EC	Optimal Control of Doubly Fed Induction Generator	2012
Electrical	EC	Single Stage Grid Interactive Photovoltaic System	2012
Electrical	EC	Short term Load Forecasting using Artificial Neural Network for Smart Grid	2012

Main Branch	Theme/Area	Title of Project	Year
Electrical	EC	Modelling of Wind energy conversion system and power management	2012
Electrical	EC	Cost optimization of Solar rooftop power plant	2012
Electrical	EC	Design & Implementation of Solar Tracking System	2012
Electrical	EC	Microgrid: control & simulation	2012
Electrical	EC	Modeling of a PV-wind Hybrid system and feed to a grid with a constant load	2012
Electrical	EC	SMART CONTROL OF PARAMETER OF MICROGRID HAVING RENEWABLE SOURCES	2012
Electrical	EC	Transient Response Analysis of DFIG in Wind Power Applications	2012
Electrical	EC	Novel Control System for Grid Connected PV System With Reactive Compensation And MPPT Control	2012
Electrical	EC	360 MW Generation of Wind Power & Evacuation To 400KM	2012
Electrical	EC	optomization of solar-wind hybrid power system for distributed Generation	2012
Electrical	EC	Modeling and control of dfig in wind energy conversion system	2012
Electrical	EC	Flexibility of Hybrid power system expending renewable energy resources for climate control.	2012
Electrical	EC	MPPT control of partially shaded PV strings	2012
Electrical	EC	Design And Implimantation Of Solar PV System	2012
Electrical	Electrical Drives	DIRECT TORQUE CONTROL OF PMSM USING ARTIFICIAL INTELLIGENCE TECHNIQUE	2013
Electrical	Electrical Drives	REFERENCE VOLTAGE-BASED DC-LINK STABILIZATION OF PMSM DRIVE FOR CONSTANT POWER LOAD	2013
Electrical	Electrical Drives	ANALYSIS OF SENSOR LESS OPERATION OF BRUSHLESS DC MOTOR DRIVE USING BACK EMF TECHNIQUE	2013
Electrical	Electrical Drives	IMPLEMENTATION OF DIRECT TORQUE CONTROL METHOD FOR INDUCTION MOTOR DRIVE	2013
Electrical	Electrical Drives	DESIGN & CONTROL OF LIGHT WEIGHT ELECTRIC VEHICLE FOR URBAN DRIVING CYCLE.	2013
Electrical	Electrical Drives	VECTOR CONTROL OF PERMANENT MAGNET SYNCHRONOUS MOTOR	2013
Electrical	Electrical Drives	HARMONIC REDUCTION TECHNIQUE WITH A MULTI-LEVEL INVERTER FOR INDUCTION MOTOR DRIVE	2013
Electrical	Electrical Drives	IMPROVED DTC STRATEGIES FOR LOW SPEED RANGE OPERATION OF INDUCTION MOTOR DRIVE.	2013
Electrical	Electrical Drives	Loss minimization of permanent magnet synchronous motor drive	2013
Electrical	Electrical Drives	BLDC MOTOR CONTROL USING ADVANCED MICROCONTROLLERS	2013
Electrical	Electrical Drives	INDUCTION MOTOR CONTROL USING ADVANCED MICROCONTROLLERS	2013
Electrical	Electrical Drives	ENERGY RECOVERY METHOD REPLACING CONVENTIONAL VARIABLE FREQUENCY DRIVE USING 1-PH INVERTER	2013
Electrical	Electrical Drives	SELF-COMMISSIONING OF INDUCTION MOTOR FOR DRIVES	2013
Electrical	Electrical Drives	DESIGN AND SIMULATION OF VECTOR CONTROL TECHNIQUES FOR A.C. DRIVES	2013
Electrical	Electrical Drives	IMPROVED FLUX ESTIMATION TECHNIQUE FOR DTC OF INDUCTION MOTOR DRIVE	2013
Electrical	Electrical Drives	CONTROL OF BLDC MOTOR	2013
Electrical	Electrical Drives	MODEELING AND SIMULATION OF PERMANENT MAGNET SYNCHRONOUS MOTOR DRIVE SYSTEM	2013
Electrical	Electrical Drives	SIMULATION FOR SPEED CONTROL OF BLDC MOTOR USING SOFT COMPUTING TECHNIQUES	2014
Electrical	Electrical Drives	DC SERVO MOTOR POSITION CONTROL USING AVR CONTROLLER	2014

Main Branch	Theme/Area	Title of Project	Year
Electrical	Electrical Drives	INDIRECT FIELD ORIENTED CONTROL OF THREE PHASE INDUCTION MOTOR USING CURRENT HYSTERSIS CONTROL	2014
Electrical	Electrical Drives	COMBINE FOC & DTC OF THREE PHASE INDUCTION MOTOR	2014
Electrical	Electrical Drives	SENSORLESS SPEED CONTROL OF B.L.D.C. MOTOR USING BACK EMF SENSING METHOD	2014
Electrical	Electrical Engineering	LOAD FORECASTING USING FUZZY LOGIC	2012
Electrical	Electrical Engineering	Design & Developement of G.I.S. of 220/66 KV	2013
Electrical	Electrical Machine Control	Speed Control of 3-phase I.M. using Soft Computing Technique	2013
Electrical	Electrical Machine Control or Design	ACTIVE PART COST MINIMISATION OF TRANSFORMER USING AI TECHNIQUES	2012
Electrical	Electrical Machine Control or Design	DESIGN AND SIMULATION OF HYBRID CONTROLLER FOR PMSM MOTOR USING FUZZY AND PI	2013
Electrical	Electrical Machine Control or Design	CONDITION MONITORING OF TRANSFORMER	2013
Electrical	Electrical Machine Control or Design	Mitagation of transormer Inrush current using pre fluxing technique	2013
Electrical	Electrical Machine Control or Design	DESIGN AND SIMULATION OF LINEAR INDUCTION MOTOR USING MATLAB FOR LOW SPEED APPLICATION	2013
Electrical	Electrical Machine Control or Design	OPTIMIZATION ASPECT OF TRANSFORMER DESIGN	2013
Electrical	Electrical Machine Control or Design	DESIGN OPTIMIZATION OF DITRIBUTION TRANSFORMER.	2013
Electrical	Electrical Machine Control or Design	SPEED CONTROL OF DC MOTOR USING AI TECHNIQUE	2013
Electrical	Electrical Machine Control or Design	DESIGN OPTIMIZATION OF A TRANSFORMER USING ARTIFICIAL INTELLIGENCE TECHNIQUES	2013
Electrical	Electrical Machine Control or Design	ANALYSIS,DESIGN AND IMPLIMENTETION OF SENSORLESS CONTROL OF INDUCTION MOTOR BY V/F METHOD	2013
Electrical	Electrical Machine Control or Design	DESIGN AND IMPLEMENTATION OF MULTI-ZONE PROFILE HEATING CONTROL FOR INDUSTRIAL NICHROME (NICR) HEATERS	2013
Electrical	Electrical Machine Control or Design	MODELING AND CONTROL OF PMSG	2013

Main Branch	Theme/Area	Title of Project	Year
Electrical	Electrical Machine Control or Design	New approach to control BLDC motor for Electrical Vehicle	2013
Electrical	Electrical Machine Control or Design	REDUCTION OF HARMONIC DISTORTION AND POWER FACTOR IMPROVEMENT OF BRUSHLESS DC MOTOR USING CUK CONVERTER.	2013
Electrical	Electrical Machine Control or Design	SPEED CONTROL OF BLDC MOTOR USING NEURO FUZZY	2013
Electrical	Electrical Machine Control or Design	ANALYSIS, MODELLING AND CONTROL OF WIND ENERGY CONVERSION SYSTEMS	2014
Electrical	Electrical Machine Control or Design	COMPARISON OF MULTI AREA LOAD FREQUENCY CONTROL BY VARIOUS CONTROLLERS USING BATTERY ENERGY STORAGE SYSTEM	2014
Electrical	Electrical Machine Control or Design	ANALYSIS OF WIND TURBINE DRIVEN DOUBLY FED INDUCTION GENERATOR	2014
Electrical	Electrical Machine Control or Design	DESIGN OPTIMIZATION OF THREE PHASE INDUCTION MOTOR	2014
Electrical	Electrical Machine Control or Design	IMPLEMENTATION OF CCSC(CIRCULAR COIL STEPPED CORE) APPROUCH IN INDUSTRIAL CONTROL TRANSFORMER	2014
Electrical	Electrical Machine Control or Design	SPEED CONTROL OF BLDC MOTOR USING SOFT COMPUTING	2014
Electrical	Electrical Machine Control or Design	DESIGN OPTIMIZATION OF 3-PH INDUCTION MOTOR	2014
Electrical	Electrical Machine Control or Design	PROSPECTIVE ANALYSIS OF ENERGY EFFICIENT AMORPHOUS METAL DISTRIBUTION TRANSFORMER	2014
Electrical	Electrical Machine Design	Design & Simulation of I.E.-4 Motors	2013
Electrical	Energy Conservation and Energy Audit	IMPLEMENTATION OF RFID BASED SMART GRID SYSTEM.	2013
Electrical	Energy Conservation and Energy Audit	ANALYSIS OF GRID SYNCHRONIZATION TECHNIQUE FOR DG SYSTEM DURING GRID ABNORMALITIES	2013
Electrical	Energy Conservation and Energy Audit	ANALYSIS OF CHARGEMANAGEMENT FOR HSS IN EV USING EVIDENCE THEORY	2013

Main Branch	Theme/Area	Title of Project	Year
Electrical	Energy Conservation and Energy Audit	A NOVEL CONCEPT TO IMPROVE THE EFFICIENCY OF SOLAR-THERMAL POWER SYSTEMS	2014
Electrical	Energy Conservation and Energy Audit	RELIABILITY OF LED DRIVER CIRCUIT AND ITS ANALYSIS	2014
Electrical	Energy Conservation and Energy Audit	AN ELECTROLYTIC CAPACITOR-LESS AC-DC LED DRIVER	2014
Electrical	Energy Conservation and Energy Audit	SMART METERING DESIGN AND APPLICATIONS	2014
Electrical	Field Problems (Case Study in Industries)	EVALUATION OF VARIOUS ARCHITECTURE OF SMART GRID IN POWER DISTRIBUTION	2013
Electrical	Field Problems (Case Study in Industries)	ANALYSIS AND APPLICATION OF FLYWHEEL & SOLAR ENERGY TO UTILIZE WASTAGE ENERGY IN INDIAN RAIL WAY	2013
Electrical	Field Problems (Case Study in Industries)	PERFORMANCE ANALYSIS OF LAMINATED BUS BAR AND REDUCTION OF STRAY INDUCTANCE	2013
Electrical	Field Problems (Case Study in Industries)	CONDITION MONITORING OF SLIP RING INDUCTION MOTOR	2013
Electrical	Field Problems (Case Study in Industries)	TO DESIGN & DEVELOPMENT OF 24V,10 A SMPS WITH EMC COMPLIANCE.	2014
Electrical	Field Problems (Case Study in Industries)	DESIGNING OF 5 MW SOLAR POWER PLANT GRID CONNECTED PHOTOVOLTICS PV WITH PVSYSYSTEM SOFTWARE	2014
Electrical	Field Problems (Case Study in Industries)	A CASE STUDY ANALYSIS OF FAULT OCCURANCES ON HVDC STATIN	2014

Main Branch	Theme/Area	Title of Project	Year
Electrical	Field Problems (Case Study in Industries)	CVT FERRO-RESONANCE MODELING AND SIMULATION	2014
Electrical	Field Problems (Case Study in Industries)	DESIGN AND DEVELOPEMENT OF THERMAL MANAGMENT OF LED STREET LIGHT	2014
Electrical	High Voltage Engineering	BREAKDOWN CHARACTERISTIC OF SOLID INSULATING MATERIALS FOR HV APPLICATIONS.	2013
Electrical	High Voltage Engineering	CHARACTERIZATION OF SURFACE DISCHARGE ON SOLID INSULATING MATERIALS UNDER THE APPLICATION OF HVAC.	2013
Electrical	High Voltage Engineering	DETECTION AND LOCATION OF PARTIAL DISCHARGE USING ACOUSTIC EMISSION TECHNIQUE	2013
Electrical	High Voltage Engineering	Analysis of partial discharge on transformer using FEMM	2013
Electrical	High Voltage Engineering	Analysis of Surge Arrestor Using FEM	2013
Electrical	High Voltage Engineering	Analysis of Circuit Breaker using FEM	2013
Electrical	High Voltage Engineering	Power Handling ability improvement of EHVAC transmission lines by managing SIL	2014
Electrical	High Voltage Engineering	ROW minimization for EHVAC transmission lines considering major effect of electric and magnetic fields	2014
Electrical	High Voltage Engineering	DESIGN AND DEVELOPMENT OF HIGH VOLTAGE SERIES SWITCH FOR 50KV DC TRANSMISSION LINE FOR TWIN SOURCE	2014
Electrical	High Voltage Engineering	ELECTRICAL CHARACTERIZATION OF POLYMERIC & CERAMIC INSULATORS USING VARIOUS LABORATORY TESTS	2014
Electrical	High Voltage Engineering	SIMULATION AND ANALYSIS OF FERRORESONANCE IN POWER SYSTEM	2014
Electrical	High Voltage Engineering	ELECTRIC FIELD STRESS ANALYSIS OF HIGH VOLTAGE CABLE	2014
Electrical	High Voltage Engineering	EXPERIMENTAL MEASUREMENT OF PARTIAL DISCHARGE FOR GAS INSULATED SWITCH GEAR	2014
Electrical	High Voltage Engineering	ANALYSIS OF PARTIAL DISCHARGE MEASUREMENT IN CIRCUIT BREAKER FOR OUTDOOR SUBSTATION AND GAS INSULATED SUBSTATION.	2014

Main Branch	Theme/Area	Title of Project	Year
Electrical	High Voltage Engineering	ELECTRIC STRESS ANALYSIS FOR BUSHING AND INSULATOR	2014
Electrical	High Voltage Engineering	simulation of multi terminal HVDC line	2014
Electrical	HV	Analysis of Partial Discharge in High Voltage Electrical Equipment	2012
Electrical	HV	Simulation of partial discharge mechanism in insulating material	2012
Electrical	INDUCTION GENERATOR	OPERATION AND CONTROL OF SELF-EXCITED INDUCTION GENERATOR (SEIG) BASED STANDALONE RENEWABLE ENERGY CONVERSION SYSTEM (RECS).	2012
Electrical	INDUCTION MOTOR DRIVE	SPEED CONTROL OF 3-PHASE INDUCTION MOTOR DRIVE USING SVPWM CONTROL SCHEME	2012
Electrical	M/C	Speed control of induction motor by vector control & Fuzzy logic	2012
Electrical	M/C	Performance Evaluation of a Transformer Using Finite Element Method	2012
Electrical	M/C	GSM based Condition Monitoring of Transformer	2012
Electrical	M/C	DESIGN OPTIMIZATION OF THREE - PHASE CORE TYPE POWER TRANSFORMER	2012
Electrical	M/C	Analysis of XLPE cable insulation by FEM	2012
Electrical	M/C	Regenerative braking of brushless dc motor	2012
Electrical	M/C	Energy Storage System in Hybrid Electric Vehicle	2012
Electrical	M/C	Effective Stray Loss Control in Transformer Using Various Shielding Measures	2012
Electrical	M/C	Condition Assessment of power transformer winding using Sweep Frequency response Analysis	2012
Electrical	M/C	Transformer Fault Diagnosis Using AI Technique	2012
Electrical	M/C	Finite element analysis of small scale wind alternator	2012
Electrical	M/C	To develop the Dynamic resistance measurement(DRM) method for condition assesment of OLTC in power transformer	2012
Electrical	M/C	Reduction of Stray Losses and Inrush current for Transformer	2012
Electrical	Machine	CONTINUOUS HEALTH EVALUATION OF INDUCTION MOTOR USING AI	2013
Electrical	Machine	ANALYSIS & SIMULATION OF DIRECT TORQUE DRIVE OF INDUCTION MOTOR	2013
Electrical	Machine	COMPARISON & PERFORMANCE ANALYSIS OF ENERGY EFFICIENT METHODS FOR MOTOR BUS TRANSFER SYSTEM	2013
Electrical	Machine	DETERMINATION OF THE STRESSES WHEN ENERGIZING TRANSFORMERS:MODELING OF THE ELECTRICAL NETWORK AND THE TRANSFORMER	2013
Electrical	Machine	FIELD ANALYSIS OF INDUCTION MOTOR USING FEM	2013
Electrical	Machine	APPLICATION OF SUPER CAPACITOR IN HYBRID ELECTRIC VEHICLE	2013
Electrical	Machine	ANALYSIS OF 3 PHASE SELF-EXCITED INDUCTION GENERATOR WITH RECTIFIER LOAD	2014

Main Branch	Theme/Area	Title of Project	Year
Electrical	Machine	DESIGN AND ANALYSIS OF SINGLE PHASE TO THREE PHASE AND THREE PHASE TO THREE PHASE AC/DC/AC PWM CONVERTERS FOR INDUCTION MOTOR.	2014
Electrical	Machine	DESIGN OPTIMIZATION OF IPM SYNCHRONOUS MACHINE	2014
Electrical	Machine	HEALTH INDEX AND LIFE EXPECTANCY OF ROTATING HT MACHINE	2014
Electrical	Machine	ELECTROMAGNETIC ANALYSIS OF POWER TRANSFORMER	2014
Electrical	Machine	INRUSH CURRENT ESTIMATION AND REDUCTION IN TRANSFORMER FOR SOLAR PLANT.	2014
Electrical	Machine	CONDITION MONITORING OF POWER TRANSFORMER USING SWEEP FREQUENCY RESPONSE ANALYSIS.	2014
Electrical	Machine	STEADY STATE AND TRANSIENT ANALYSIS OF THREE PHASE INDUCTION GENERATOR USED IN WIND MILL	2014
Electrical	Machine	ANALYSIS TESTING AND DESIGN IMPROVEMENT OF SMALL CURRENT TRANSFORMER.	2014
Electrical	Machine	PREFLUXING TECHNIQUE TO MITIGATE INRUSH CURRENT OF TRANSFORMER.	2014
Electrical	Machine	MITIGATION OF FERRO-RESONANCE DURING NO LOAD ENERGISATION OF TRANSFORMER CONNECTED WITH CAPACITIVE LOAD	2014
Electrical	Machine	CONTROL SWITCHING OF PHASE SHIFTING TRANSFORMER TO MITIGATE MAGNETIC INRUSH AND FAST FRONT OVERVOLTAGES	2014
Electrical	PE	Design shunt active power filter for power quality improvement using PQ theory	2012
Electrical	PE	Power Quality Issues with Harmonic Analysis and its Solution	2012
Electrical	PE	Active Harmonic filter for Non-Linear load	2012
Electrical	PE	DSP Based Shunt Hybrid Power Filter for Power Quality Improvement	2012
Electrical	PE	power quality enhancement using Line Interactive UPS	2012
Electrical	PE	IMPROVEMENT IN POWER QUALITY USING UPQC	2012
Electrical	PE	Power quality improvement using UPQC	2012
Electrical	PE	Harmonic and Voltage Sag Control using H-bridge Inverter based STATCOM	2012
Electrical	PE	SIMULATION OF SHUNT ACTIVE FILTER	2012
Electrical	PE	Design simulation and analysis of single phase shunt active power filter based on pq theory	2012
Electrical	PE	simulation and analysis of single phase shunt active power filter	2012
Electrical	PE	SIMULATION OF SHUNT ACTIVE FILTER FOR COMPENSATION OF NON LINEAR LOAD CURRENTS	2012
Electrical	PE	Design and implementation of spwm inverter	2012
Electrical	PE	Design & Implementation of Space Vector Pulse Width Modulation Inverter	2012
Electrical	PE	Fast current control strategy of PWM inverter used for STATCOM	2012
Electrical	PE	Design and Implementation of Cascaded H-Bridge multilevel Inverter	2012
Electrical	PE	Analysis of UPQC with Multilevel Inverter	2012
Electrical	PE	Simulation and Analysis of multilevel inverter using reversing voltage topology	2012
Electrical	PE	simulation and analysis of Multilevel inverter fed induction Motor Drive	2012

Main Branch	Theme/Area	Title of Project	Year
Electrical	PE	Modelling & simulation of h casacde 3 level inverter usin gsssc	2012
Electrical	PE	SPEED CONTROL OF PERMANENT MAGNET BRUSHLESS DC MOTOR	2012
Electrical	PE	design and implementation of speed control of dc drives by using dual converter	2012
Electrical	PE	simulation of interior pm synchronous motor drive system	2012
Electrical	PE	Development of step-down cycloconverter(1KVA) for speed control of single phase induction motor	2012
Electrical	PE	An effect of speed change on harmonics generation by low capacity VFD(Variable frequency drive),when used in energy saving	2012
Electrical	PE	Speed Control of BLDC Motor Using Neuro-Fuzzy Method	2012
Electrical	PE	Power Factor Correction using Boost and Flyback Topology	2012
Electrical	PE	Simulation and Analysis of single phase one cycle controlled AC-DC converter	2012
Electrical	PE	Grid Connected Inverter Based on One Cycle Control for Distributed Generation.	2012
Electrical	PE	Active power filter based on one cycle control	2012
Electrical	PE	harmonic reduction of doubly fed induction generator connected to grid	2012
Electrical	PE	DESIGN & DEVELOPMENT PFC USING BOOST CONVERTER	2012
Electrical	PE	Simulation and fabrication of single phase cycloconverter	2012
Electrical	PE	simulation and hardware implementation of impedance source based DC-DC Converter	2012
Electrical	PE	speed control of dc shunt motor by 12 pluse rectifier	2012
Electrical	PE	simulation and analysis of ac-dc flyback converter for variable speed pmsm drive for power quality improvement	2012
Electrical	PE	mitigation of subsynchronous resonance using Gate controlled series capacitor-GCSC	2012
Electrical	PE	Design & Implementation of Close loop Induction Motor Drive	2012
Electrical	PE	DESIGN AND IMPLEMENTATION OF MULTI-SPEED BRUSHLESS MOTOR ALONG WITH ITS CONTROL STRETERGY	2012
Electrical	PE	Speed Control of a DC Motor using different control techniques	2012
Electrical	PE	simulation of direct torque control of induction motor using multilevel inverter	2012
Electrical	PE	Control of PMSM using inteligent controller	2012
Electrical	PE	Damping of Oscillations in Multi-machine System using PSS	2012
Electrical	PE	FAULT TOLERANT CONTROL STRATEGY FOR MULTI PHASE PERMANENT MAGNET SYNCHRONOUS MOTOR (PMSM)	2012
Electrical	PE	Electrostatic and Electromagnetic Stress analysis of transformer using FEM	2012
Electrical	PE	stabilty analysis of the system based on inverted pendulum with double pole arrangement	2012
Electrical	PE	Implementation and compare of controllers for power quality improvement using shunt active filter.	2012
Electrical	PE	REDUCTION OF THD USING MULTIPULSE STATCOM	2012
Electrical	PE	ENHANCEMENT OF POWER QUALITY IN DISTRIBUTION SYSTEM USING D-STATCOM	2012

Main Branch	Theme/Area	Title of Project	Year
Electrical	PE	Harmonic Analysis in Distribution System and Mitigation using Shunt Active Filter	2012
Electrical	PE	Harmonic compensation using different filter configurations	2012
Electrical	PE	Power quality improvement using shunt active power filter by hysteresis control techniques.	2012
Electrical	PE	Simulation of Shunt Active Filter using Multilevel Inverter	2012
Electrical	PE	solar wind hybrid system generation and mppt control using power electronics devices	2012
Electrical	PE	Design and Implementation of PV Panel Interfacing using Power Electronic Converters	2012
Electrical	PE	Application of dc-dc boost buck cascaded converter in grid connected photovoltaic base inverter	2012
Electrical	PE	CONTROL OF DOUBLY FED INDUCTION GENERATOR USING MODELLING OF GRID SIDE CONVERTER	2012
Electrical	PE	Performance analysis and grid integration of fuel cell	2012
Electrical	PE	TRANSFORMER LESS PHOTO VOLTAIC GRID CONNECTED INVERTED TOPOLOGIES	2012
Electrical	PE	DESIGN AND IMPLEMENTATION OF BOOST CONVERTER WITH MPPT FOR PV SYSTEM	2012
Electrical	PE	DESIGN OF AC/DC FLYBACK CONVERTER FOR SPEED CONTROL OF DC MOTOR	2012
Electrical	PE	Direct torque control of induction motor using svpwm	2012
Electrical	PE	Modelling & analysis of indirect vector control of induction motor	2012
Electrical	PE	Vector control of PMSM	2012
Electrical	PE	Simulation of single phase Pulse Width Modulation Rectifier feed PMLD Drive	2012
Electrical	PE	improving pf and reducing harmonic distortion of pmlbdc motor using various dc-dc converter	2012
Electrical	PE	implementation of V/f controlled induction motor drive using digital signal processor.	2012
Electrical	PE	MATHEMATICAL MODELING AND ANALYSIS OF HYBRID STORAGE SYSTEM FOR ELECTRICAL VEHICLE	2012
Electrical	PE	FPGA BASED SPEED CONTROL OF BLDC MOTOR	2012
Electrical	PE	Single phase Z-source buck_boost matrix converter	2012
Electrical	PE	line side harmonic design using 12 pulse connected auto transformer and negating zero sequence harmonics using interphase transformer.	2012
Electrical	PE	Design analysis & implementation of resonant inverter for induction heating process.	2012
Electrical	PE	comparison of bidirectional dc-dc converters for battery charging & discharging operation	2012
Electrical	PE	Matrix converter using space vector modulation technique	2012
Electrical	PE	Microcontroller based power factor corrector	2012
Electrical	PE	Bridgeless Power Factor Correction circuit With voltage doubler configuration	2012
Electrical	Power Converters	design & development of EPC with resonant converter	2012
Electrical	Power Converters	DESIGN OF DIODE ASSISTED BUCK-BOOST VSI WITH NOVEL PWM TECHNIQUE.	2012
Electrical	Power Electronic Converters For Renewable Energy Sources	LOW VOLTAGE RIDE THROUGH CAPABILITY OF DFIG USING FACTS DEVICES	2013

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power Electronic Converters For Renewable Energy Sources	MULTILEVEL INVERTER CONNECTED TO GRID FOR SOLAR APPLICATIONS.	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	SIMULATION AND PERFORMANCE ANALYSIS OF RENEWABLE BASED STAND ALONE SYSTEM FOR MICRO GRID	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	MAXIMUM POWER POINT TRACKING IN PHOTOVOLTAIC SYSTEM OPERATING UNDER PARTIAL SHADING CONDITIONS	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	GRID CONNECTED SOLAR MICRO INVERTER.	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	POWER ELECTRONIC INTERFACE FOR GRID- CONNECTED FUEL CELL POWER GENERATION SYSTEM.	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	COMPARISON OF STAND ALONE AND GRID CONNECTED PV GENERATION PLANT AT V.V.P ENGINEERING COLLEGE	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	STUDY OF POWER MANAGEMENT SYSTEM FOR HYBRID RENEWABLE POWER PLANT IN ISOLATED GRID	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	VOLTAGE FREQUENCY CONTROL OF WIND GENERATION SYSTEM	2013

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power Electronic Converters For Renewable Energy Sources	ANALYSIS OF PHOTOVOLTAIC GRID CONNECTED INVERTER BASED ADAPTIVE CURRENT HYSTERESIS BAND CONTROL SCHEME	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	SIMULATION AND ANALYSIS OF MPPT ALGORITHM FOR PV SYSTEM	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	ESTIMATION OF MPP USING OPTIMIZATION TECHNIQUE FOR PV SYSTEM	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	CONTROL STRATEGIES OF INDUCTION GENERATOR CONNECTED TO GRID.	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	SOLAR CHARGE CONTROLLER FOR EFFICIENCY IMPROVEMENT USING MPPT ALGORITHM	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	MODELING & CONTROL OF DC MICROGRID FOR INTEGRATION OF RENEWABLE ENERGY RESOURCES	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	LVRT AUGMENTATION OF FIXED SPEED WIND TURBINE USING VSWT-PMSG	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	DEVELOPEMENT OF DUAL AXIS SOLAR TRACKING SYSTEM.	2013

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power Electronic Converters For Renewable Energy Sources	SIMULATION AND IMPLEMENTATION OF SOLAR BASED SUBMERSIBLE PUMP.	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	DESIGN OF CONTROLLER FOR WIND AND SOLAR HYBRID POWER SYSTEM IN ISOLATED LOCATION FOR CONSTANT VOLTAGE AND FREQUENCY	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	SIMULATION BASED DESIGN OF ELECTRONIC LOAD CONTROLLER FOR CONSTANT VOLTAGE LOW CAPACITY SELF EXCITED INDUCTION GENERATOR	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	MAXIMUM POWER POINT TRACKING STRATEGY FOR VARIABLE SPEED WIND TURBINE GENERATOR SYSTEM	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	COMPARISON ANALYSIS OF MAXIMUM POWER POINT TRACKER TECHNIQUES FOR PV SYSTEMS.☐	2013
Electrical	Power Electronic Converters For Renewable Energy Sources	IMPLEMENTATION OF TWO STAGE GRID CONNECTED PV SYSTEM	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	REPRODUCTION OF PV CHARATERISTICS USING LAMBERT FUNCTION	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	MODELING AND SIMULATION OF GRID CONNECTED PHOTOVOLTAIC (PV) SYSTEM	2014

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power Electronic Converters For Renewable Energy Sources	DESIGN AND SIMULATION OF GRID TIED SOLAR INVERTER WITH DIFFERENT TOPOLOGIES ALONG WITH MPPT ALGORITHM	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	PERFORMANCE ANALYSIS OF VARIOUS MPPT ALGORITHMS FOR NONLINEAR LOADS	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	Design,simulation,analysis and financial model of grid connected roof-top solar photovoltaic system	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	SIMULATION OF A SOLAR AND WIND HYBRID SYSTEM REPRESENTING DISTRIBUTED FED GENERATORS IN EVOLVING GRIDS FOR RENEWABLE SYSTEM	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	CONTROL ALGORITHM WITH MPPT OF STAND ALONE WIND-SOLAR HYBRID ENERGY CONVERSION SYSTEM.	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	HIGH-FREQUENCY OPERATION OF A DC/AC/DC SYSTEM FOR HVDC APPLICATIONS AS LARGE-SCALE PHOTOVOLTAIC POWER SYSTEMS	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	INVESTIGATION ON GRID SYNCHRONISATION TECHNIQUES FOR IMPROVED PERFORMANCE IN GRID FLUCTUATING CONDITIONS	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	INVESTIGATION ON SWITCHING PATTERN OF DIRECT POWER CONTROL FOR GRID CONNECTED PWM INVERTER	2014

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power Electronic Converters For Renewable Energy Sources	3-LEVEL SVPWM SOLAR INVERTER USING DSP CONTROLLER	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	COMPARATIVELY ANALYSIS OF MPPT TECHNIQUES FOR PV SYSTEM	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	PERFORMANCE ANALYSIS OF MVDC OFFSHORE WINDFARM DISTRIBUTION SYSTEM	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	SOLAR POWER GENERATION USING Z-SOURCE INVERTER	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	MITIGATING VOLTAGE AND FREQUENCY FLUCTUATION IN GRIDS USING ELECTRIC SPRINGS	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	CURRENT-FED SOFT-SWITCHING PUSH-PULL FRONT-END CONVERTER BASED BIDIRECTIONAL INVERTER FOR RESIDENTIAL PHOTOVOLTAIC POWER SYSTEM	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	A NEW DC-DC BUCK-BOOST MODIFIED SERIES FORWARD CONVERTER FOR PHOTOVOLTAIC APPLICATIONS	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	ENHANCEMENT OF LVRT CAPABILITY OF DFIG WIND TURBINE GENERATING SYSTEM	2014

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power Electronic Converters For Renewable Energy Sources	SIMULATION AND ANALYSIS OF GRID CONNECTED PV SYSTEM	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	SIMULATION OF P-Q CONTROL OF PHOTOVOLTAIC GENERATION IN DISTRIBUTION SYSTEM	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	MODELING AND SIMULATION OF PERMANENT MAGNET SYNCHRONOUS WIND GENERATOR BASED STAND ALONE SYSTEM	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	ANALYSIS AND CONTROL OF SUB SYNCHRONOUS RESONANCE IN A SERIES CONNECTED DFIG BASED WIND FARM	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	STEADY STATE ANALYSIS DURING ISLANDING MODE OPERATION OF MICROGRID	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	CONSTANT POWER CONTROL AND FAULT RIDE THROUGH ENHANCEMENT OF DFIG WIND TURBINE WITH ENERGY STORAGE	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	EFFICIENCY IMPROVEMENT OF SOLAR SYSTEM BY USING MAXIMUM POWER POINT TRACKING TECHNIQUES	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	SOLAR PV AND BATTERY STORAGE INTEGRATION USING A NEW CONFIGURATION OF A THREE LEVEL NPC INVERTER WITH ADVANCED CONTROL STRATEGY	2014

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power Electronic Converters For Renewable Energy Sources	MODELLING AND SIMULATION OF A SINGLE PHASE INVERTER FOR SOLAR PV/BATTERY HYBRID ENERGY SYSTEM	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	CONTROL STRATEGY OF PERMENT MAGNET SYNCHRONOUS GENERATOR CONNECTED TO GRID.	2014
Electrical	Power Electronic Converters For Renewable Energy Sources	MITIGATION OF LOWER ORDER HARMONICS IN A GRID-CONNECTED SINGLE- PHASE PV INVERTER	2014
Electrical	Power Electronics Converter For Renewable Energy Source	design the solar power driven pumping system for domestic and agriculture purpose	2012
Electrical	Power Electronics Converter	DESIGN OF 3 PHASE SINUSOIDAL PULSE WIDTH MODULATION INVERTER	2012
Electrical	Power Electronics Converter	SIMULATION AND ANALYSIS OF SINGLE PHASE TO THREE PHASE PWM CONVERTER	2012
Electrical	Power Electronics Converter	DESIGN & SIMULATION OF VARIABLE HIGH FREQUENCY & HIGH CURRENT INDUCTION HEATING	2013
Electrical	Power Electronics Converter	DESIGN AND DEVELOPMENT OF A HIGH EFFICIENCY AND HIGH DENSITY AC-DC FLYBACK CONVERTER	2013
Electrical	Power Electronics Converter	SINGLE PHASE CYCLOCONVERTER USING MATRIX CONVERTER	2013
Electrical	Power Electronics Converter	SINGLE PHASE INVERTER BASED WELDING MACHINE USING PWM CONVERTER	2013
Electrical	Power Electronics Converter	IMPLEMETATION OF HYBRID CONVERTER FOR SIMULTANEOUS DC AND AC OUTPUTS	2013
Electrical	Power Electronics Converter	ANALYSIS AND SIMULATION OF DC-DC CONVERTER FOR HIGH VOLTAGE MOTOR FOR POWER STATIONS	2013
Electrical	Power Electronics Converter	MODELING OF MODULAR STRUCTURE OF MULTILEVEL CAPACITOR CLAMPED DC-DC CONVERTER FOR BIDIRECTIONAL POWER FLOW CONTROL	2013

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power Electronics Converter	DEVELOPEMENT OF HIGH POWER HIGH DENSITY DC-DC CONVERTER FOR ENERGY SAVING.	2013
Electrical	Power Electronics Converter	DESIGN & ANALYSIS OF BIDIRECTIONAL CONVERTER WITH POWER FLOW AND ENERGY MANAGEMENT	2013
Electrical	Power Electronics Converter	MODELING AND CONTROL OF MULTILEVEL INVERTER WITH REDUCED NUMBER OF SWITCHES	2013
Electrical	Power Electronics Converter	A MODIFIED SEPIC CONVERTER FOR HIGH STATIC GAIN	2013
Electrical	Power Electronics Converter	A BI-DIRECTIONAL DC-DC CONVERTER TOPOLOGY FOR LOW POWER APPLICATION	2013
Electrical	Power Electronics Converter	GRID TIE INVERTER	2013
Electrical	Power Electronics Converter	INVESTIGATION ON SWITCHING STRATEGIES USED FOR DC-LINK CAPACITOR VOLTAGE BALANCING AND EVEN LOSS DISTRIBUTION IN ACTIVE NEUTRAL CLAMPED MULTILEVEL CONVERTERS	2013
Electrical	Power Electronics Converter	DESIGN AND DEVELOPMENT OF FIVE LEVEL CASCADED MULTI LEVEL INVERTER USING SHIFTED PWM	2013
Electrical	Power Electronics Converter	SIMULATION AND ANALYSIS OF MULTILEVEL INVERTER WITH REDUCED NUMBER OF SWITCHES	2013
Electrical	Power Electronics Converter	SIMULATION AND HARDWARE IMPLEMENTATION OF TWO STAGE DC TO DC CONVERTER	2013
Electrical	Power Electronics Converter	CURRENT RIPPLE REDUCTION USING TWO INDUCTOR BOOST CONVERTER	2013
Electrical	Power Electronics Converter	CONTROL OF PARALLEL CONNECTED BIDIRECTIONAL AC-DC CONVERTER	2013
Electrical	Power Electronics Converter	DESIGN AND CONTROL OF ASYMMETRIC CHB MLI.	2013
Electrical	Power Electronics Converter	NOVEL TECHNIQUE FOR HYBRID MULTI LEVEL INVERTER	2013
Electrical	Power Electronics Converter	A ZVS DC-DC CONVERTER WITH SPECIFIC VOLTAGE GAIN FOR THREE PHASE LOAD (INDUCTION MOTOR) OPERATION	2013
Electrical	Power Electronics Converter	HIGH EFFICIENT SINGLE INPUT MULTIPLE-OUTPUT DC-DC CONVERTER.	2013
Electrical	Power Electronics Converter	IMPEDANCE SOURCE BUCK-BOOST CONVERTER FOR LINEAR AND NON LINEAR LOAD USING MATLAB SIMULATION.	2013

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power Electronics Converter	SIMULATION AND ANALYSIS OF GRID TIE INVERTER	2013
Electrical	Power Electronics Converter	SIMULATION & FABRICATION OF SINGLE PHASE MATRIX CONVERTER USING PWM TECHNIQUE	2013
Electrical	Power Electronics Converter	CASCADE MULTILEVEL INVERTER USING A SINGLE DC SOURCE	2013
Electrical	Power Electronics Converter	DESIGN AND CONTROL OF MATRIX CONVERTER	2013
Electrical	Power Electronics Converter	HIGH POWER 1MHZ SIGNAL GENERATOR	2013
Electrical	Power Electronics Converter	SIMULATION AND ANALYSIS OF SINGLE PHASE PULSE WIDTH MODULATED RECTIFIER	2013
Electrical	Power Electronics Converter	IMPLEMENTATION OF NOVEL MULTILEVEL INVERTER	2013
Electrical	Power Electronics Converter	NON-ISOLATED BIDIRECTIONAL DC-DC CONVERTER FOR PLUG-IN HYBRID ELECTRIC VEHICLE CHARGE STATION	2013
Electrical	Power Electronics Converter	DEVELOPMENT OF ATMOSPHERIC PRESSURE PLAZMA JET ( APPJ) FOR BIOMEDICAL APPLICATIONS	2013
Electrical	Power Electronics Converter	BUCK BOOST AC CHOPPER	2013
Electrical	Power Electronics Converter	TWO LEVEL CASCADED INVERTER WITH ELIMINATING OF LOW FREQUECY HARMONICS USING MICROCONTROLER	2013
Electrical	Power Electronics Converter	SIMULATION AND ANALYSIS OF CASCADED MULTILEVEL INVERTER	2013
Electrical	Power Electronics Converter	SIMULATION & ANALYSIS OF PARALLEL RESONANT DC LINK INVERTER.	2013
Electrical	Power Electronics Converter	ANALYSIS OF FRONT-END CONVERTER AT UNITY POWER FACTOR WITH LOW INPUT CURRENT THD FOR TRACTION APPLICATION	2013
Electrical	Power Electronics Converter	DESIGN OF BOOST CONVERTER FOR ELECTRIC VEHICLE APPLICATION USING ARTIFICIAL INTELLIGENCE	2014
Electrical	Power Electronics Converter	PROTON EXCHANGE MEMBRANE FUEL CELL EMULATOR	2014
Electrical	Power Electronics Converter	MODELING AND CONTROL OF MULTILEVEL INVERTER WITH REDUCED NUMBER OF POWER SWITCHES	2014

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power Electronics Converter	SIMULATION AND IMPLEMENTATION OF MULTIPULSE CONVERTER	2014
Electrical	Power Electronics Converter	MULTILEVEL INVERTER WITH REDUCED SWITCHES TO IMPROVE SYSTEM PERFORMANCE PARAMETER	2014
Electrical	Power Electronics Converter	SIMULATION AND IMPLEMENTATION OF DUAL CONVERTER	2014
Electrical	Power Electronics Converter	PFC CUK CONVERTER BASED SPEED CONTROL OF BLDC MOTOR	2014
Electrical	Power Electronics Converter	BIDIRECTIONAL DC TO DC CONVERTER	2014
Electrical	Power Electronics Converter	DESIGN OF PROGRAMMABLE ELECTRIC LOAD	2014
Electrical	Power Electronics Converter	ANALYSIS OF POWER FACTOR CORRECTION IN SINGLE PHASE AC-DC CONVERTER	2014
Electrical	Power Electronics Converter	PFC BOOST TOPOLOGY USING AVERAGE CURRENT CONTROL METHOD	2014
Electrical	Power Electronics Converter	Design and implementation of three-phase multi-level inverter with reduced number of switches	2014
Electrical	Power Electronics Converter	ACTIVE POWER FACTOR CORRECTION FOR DC-DC CONVERTER	2014
Electrical	Power Electronics Converter	DESIGN AND IMPLEMENTATION OF SINGLE PHASE INVERTER WITH BOOST CONVERTER	2014
Electrical	Power Electronics Converter	HARMONIC ANALYSIS OF THREE PHASE Z SOURCE INVERTER	2014
Electrical	Power Electronics Converter	SINGLE PHASE INVERTER USING MATRIX CONVERTER	2014
Electrical	Power Electronics Converter	ASYMMETRICAL DC- AC BOOST MULTILEVEL CONVERTER WITH SINGLE INPUT SOURCE	2014
Electrical	Power Electronics Converter	NOVAL STRUCTURE AND TOPOLOGY OF MULTILEVEL CONVERTER	2014
Electrical	Power Electronics Converter	THREE PHASE BUCK BOOST AC DC CONVERTER	2014
Electrical	Power Electronics Converter	H6 TRANSFORMERLESS FULL BRIDGE PV-GRID TIED INVERTERS	2014

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power Electronics Converter	LOW HARMONIC CONVERTER FOR VARIABLE FREQUENCY DRIVES	2014
Electrical	Power Electronics Converter	DESIGNING OF ADVANCE PROCESS CONTROL USING FUZZY FOR THREE ELEMENT DRUM CONTROL IN POWER PLANT AND PERFORMANCE COMPARISON WITH CONVENTIONAL PID	2014
Electrical	Power Electronics Converter	SIMULATION AND DESIGN OF BIDIRECTIONAL ISOLATED DC-DC CONVERTER FOR BATTERY ENERGY STORAGE SYSTEM	2014
Electrical	Power Electronics Converter	SIMULATION AND MODELLING OF TRIGGERING CIRCUIT OF INDUCTION FURNACE	2014
Electrical	Power Electronics Converter	SIMULATION AND IMPLEMENTATION OF PWM RECTIFIER WITH HYSTERESIS CONTROL	2014
Electrical	Power Electronics Converter	IMPLEMENTATION AND ANYLSIS OF UNIVERSAL CONVERTER	2014
Electrical	Power Electronics Converter	SIMULATION AND IMPLEMENTATION OF PV PANEL BASED MICRO- INVERTER	2014
Electrical	Power Electronics Converter	LUO CONVERTER FOR CONTROLLING OF DC MOTOR SPEED	2014
Electrical	Power Electronics Converter	FLYBACK FORWARD DC-DC CONVERTER FOR STAND ALONE PV SYSTEM	2014
Electrical	Power Electronics Converter	THREE LEVEL BOOST CONVERTER FOR VOLTAGE BALANCING OF DC LINK CAPACITOR IN DIODE CLAMP MULTILEVEL INVERTER	2014
Electrical	Power Electronics Converter	LLC RESONANCE CONVERTER CONTROLLED WITH PWM TECHNIQUE	2014
Electrical	Power Electronics Converter	An Adjustable-Speed PFC Bridgeless Buck–Boost Converter for application of BLDC Motor Drive	2014
Electrical	Power Electronics Converter	SINGLE PHASE Z-SOURCE BUCK-BOOST MATRIX CONVERTER	2014
Electrical	Power Electronics Converter	DC-DC CONVERTER FOR GRID CONNECTED INVERTER	2014
Electrical	Power Electronics Converter	HARMONIC EVALUATION OF CASCADED H-BRIDGE MULTILEVEL INVERTER USING SPECIFIC PULSE WIDTH MODULATION TECHNIQUES.	2014
Electrical	Power Electronics Converter	NEW THREE PHASE MULTILEVEL INVERTER REDUCED NUMBER OF POWER ELECTRONICS COMPONENTS	2014
Electrical	Power Electronics for Power Quality	Realization of Multipulse Converter to Improve the Power Quality	2013

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power Electronics for Power Quality	Harmonic Reduction using Hybrid Filters for Power Quality Improvement in distribution systems	2013
Electrical	Power Electronics for Power Quality (FILTERS)	HARMONIC ANALYSIS & FILTER DESIGNING USING ETAP	2013
Electrical	Power Electronics for Power Quality (FILTERS)	DEVELOPMENT OF RANDOM PWM BASED POWER ELECTRONICS CONVERTER	2013
Electrical	Power Electronics for Power Quality (FILTERS)	DESIGN, SIMULATION AND IMPLEMENTATION OF HIGH FREQUENCY POWER SUPPLY FOR INDUCTION HEATING	2013
Electrical	Power Electronics for Power Quality (FILTERS)	ACTIVE POWER FILTER USING PQ THEORY WITH DC-LINK VOLTAGE BALANCING	2013
Electrical	Power Electronics for Power Quality (FILTERS)	ACTIVE HARMONIC FILTER TO REDUCE THE 3RD HARMONIC IN 3 PHASE 4 WIRE SYSTEM	2013
Electrical	Power Electronics for Power Quality (FILTERS)	3-Ø UNIFIED POWER QUALITY CONDITIONER FOR MINIMIZING VOLTAGE & CURRENT PROBLEMS	2013
Electrical	Power Electronics for Power Quality (FILTERS)	HARMONIC REDUCTION BY USING HYBRID(ACTIVE AND PASSIVE)POWER FILTER	2013
Electrical	Power Electronics for Power Quality (FILTERS)	SHUNT ACTIVE FILTER FOR CURRENT HARMONICS MITIGATION	2013
Electrical	Power Electronics for Power Quality (FILTERS)	A NOVEL COMMUTATION TECHNIQUE OF PWM AC CHOPPER FOR POWER QUALITY IMPROVEMENT	2013
Electrical	Power Electronics for Power Quality (FILTERS)	Simulation Of Hybrid Filter Using Multilevel Inverter	2013
Electrical	Power Electronics for Power Quality (FILTERS)	BATTERY/SUPERCAPACITORS COMBINATION IN UNINTERRUPTIBLE POWER SUPPLY (UPS). ☐	2013

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power Electronics for Power Quality (FILTERS)	POWER QUALITY ASSESSMENT AND IMPROVEMENT FOR COIL POWER SUPPLY SYSTEM	2013
Electrical	Power Electronics for Power Quality (FILTERS)	INSTANTANEOUS POWER COMPENSATION IN 3-PHASE SYSTEM USING SHUNT ACTIVE FILTER	2013
Electrical	Power Electronics for Power Quality (FILTERS)	HARMONICS MITIGATION USING SHUNT ACTIVE FILTER	2013
Electrical	Power Electronics for Power Quality (FILTERS)	POWER QUALITY IMPROVEMENT IN GRID CONNECTED WIND ENERGY SYSTEM USING UPQC	2013
Electrical	Power Electronics for Power Quality (FILTERS)	IMPROVED CONTROL METHOD OF GENERALIZED UPQC SYSTEM FOR UNBALANCED LOAD CONDITION	2013
Electrical	Power Electronics for Power Quality (FILTERS)	SERIES ACTIVE FILTER FOR REDUCTION OF VOLTAGE SAG AND VOLTAGE SWELL	2013
Electrical	Power Electronics for Power Quality (FILTERS)	DIRECT POWER CONTROL OF A MULTILEVEL INVERTER BASED ACTIVE POWER FILTER.☐	2013
Electrical	Power Electronics for Power Quality (FILTERS)	PERFORMANCE ANALYSIS OF OPTIMIZED STATCOM USING ULTRA CAPACITOR	2013
Electrical	Power Electronics for Power Quality (FILTERS)	POWER QUALITY IMPROVEMENT USING PASSIVE FILTER,TSC & TCR	2013
Electrical	Power Electronics for Power Quality (FILTERS)	ENERGY AUDIT: POWER QUALITY ISSUES & SOLUTION USING ETAP	2013
Electrical	Power Electronics for Power Quality (FILTERS)	POWER QUALITY IMPROVEMENT USING ACTIVE FILTER	2013

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power Electronics for Power Quality (FILTERS)	A CONTROL STRATEGY OF THREE PHASE FOUR WIRE UPQC FOR POWER QUALITY IMPROVEMENT	2013
Electrical	Power Electronics for Power Quality (FILTERS)	SIMULATION AND ANALYSIS OF HYBRID ACTIVE FILTERS FOR POWER QUALITY IMPROVEMENT	2013
Electrical	Power Electronics for Power Quality (FILTERS)	HARMONICS MITIGATION USING VARIOUS FILTERS	2013
Electrical	Power Electronics for Power Quality (FILTERS)	HARMONIC ANALYSIS OF POWER DISTRIBUTION SYSTEM USING HYBRID UPQC	2014
Electrical	Power Electronics for Power Quality (FILTERS)	UNIFIED POWER QUALITY CONDITIONER FOR POWER QUALITY IMPROVEMENT USING FUZZY LOGIC AND NEURAL NETWORK	2014
Electrical	Power Electronics for Power Quality (FILTERS)	MULTILEVEL INVERTER BASED ACTIVE POWER FILTER	2014
Electrical	Power Electronics for Power Quality (FILTERS)	A STUDY ON NEGATIVE SEQUENCE AND HARMONIC CURRENT IN RAILWAY SYSTEM	2014
Electrical	Power Electronics for Power Quality (FILTERS)	POWER QUALITY IMPROVEMENT USING D-STATCOM	2014
Electrical	Power Electronics for Power Quality (FILTERS)	MITIGATION OF HARMONICS THROUGH ACTIVE FILTER FOR POWER QUALITY ENHANCEMENT	2014
Electrical	Power Electronics for Power Quality (FILTERS)	HARMONIC ANALYSIS OF POWER DISTRIBUTION SYSTEM USING HYBRID FILTER WITH FUZZY LOGIC CONTROLLER	2014
Electrical	Power Electronics for Power Quality (FILTERS)	SIMULATION AND IMPLEMENTATION OF SHUNT ACTIVE POWER FILTER FOR POWER QUALITY IMPROVEMENT	2014

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power Electronics for Power Quality (FILTERS)	Design and development of Switched Power Converter with Power Factor Corrector	2014
Electrical	Power Electronics for Power Quality (FILTERS)	SIMULATION AND ANALYSIS OF UNIFIED POWER QUALITY CONDITIONER FOR POWER QUALITY IMPROVEMENT USING UNIT VECTOR TEMPLATE GENERATION	2014
Electrical	Power Electronics for Power Quality (FILTERS)	ANALYSIS DESIGN AND CONTROL OF A UNIFIED POWER QUALITY CONDITIONER BASED ON A CURRENT SOURCE TOPOLOGY	2014
Electrical	Power Electronics for Power Quality (FILTERS)	HARMONICS ANALYSIS OF NON LINEAR LOAD USING SHUNT ACTIVE FILTER	2014
Electrical	Power Electronics for Power Quality (FILTERS)	DESIGN,SIMULATION AND ANALYSIS OF HYBRID FILTER.	2014
Electrical	Power Electronics for Power Quality (FILTERS)	POWER QUALITY IMPROVEMENT USING SHUNT HYBRID POWER FILTER	2014
Electrical	Power Electronics for Power Quality (FILTERS)	SIMULATION AND ANALYSIS OF SHUNT ACTIVE POWER FILTER	2014
Electrical	Power Electronics for Power Quality (FILTERS)	SHUNT ACTIVE FILTERS FOR POWER QUALITY IMPROVEMENT	2014
Electrical	Power Electronics for Power Quality (FILTERS)	A CONTROLLED REGULATION AND STEADY STATE STABILITY FOR POWER GRID INFLUENCED BY GENERATOR POWER OF ELECTRIC VEHICLE	2014
Electrical	Power Electronics for Power Quality (FILTERS)	POWER QUALITY ENHANCEMENT BY USING UNIFIED POWER QUALITY CONDITIONAL	2014
Electrical	Power Electronics for Power Quality (FILTERS)	POWER QUALITY IMPROVEMENT BY USING SHUNT ACTIVE POWER FILTER	2014

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power Electronics for Power Quality (FILTERS)	POWER QUALITY IMPROVEMENT USING DPFC	2014
Electrical	Power Electronics for Power Quality (FILTERS)	POWER QUALITY IMPORVEMENT USING DVR	2014
Electrical	Power Electronics for Power Quality (FILTERS)	POWER QUALITY IMPROVEMENT BY SHUNT ACTIVE POWER FILTER USING PI AND FUZZY LOGIC CONTROLLER	2014
Electrical	Power Electronics for Power Quality (FILTERS)	POWER QUALITY IMPROVEMENT BY UNIFIED POWER QUALITY CONDITIONER	2014
Electrical	Power Electronics for Power Quality (FILTERS)	DYNAMIC DC BUS VOLTAGE CONTROL USING SHUNT ACTIVE POWER FILTER	2014
Electrical	Power Electronics for Power Quality (FILTERS)	IMPROVEMENT OF VOLTAGE QUALITY USING DYNAMIC VOLTAGE RESTORERS	2014
Electrical	Power Electronics for Power Quality (FILTERS)	POWER QUALITY IMPROVEMENT BY UNIFIED POWER QUALITY CONDITIONER.	2014
Electrical	Power Electronics for Power Quality (FILTERS)	MITIGATION OF VOLTAGE SAGS AND SWELLS BY USING FACTS DEVICES FOR IMPROVING POWER QUALITY.	2014
Electrical	Power System Protection	MODELLING AND SIMULATION OF GENERATOR PROTECTION SCHEMES.	2013
Electrical	Power System Protection	MODELING AND TESTING OF DIGITAL DISTANCE PROTECTION SCHEME FOR TRANSMISSION LINES	2013
Electrical	Power System Protection	SUPERCONDUCTING FAULT CURRENT LIMITER	2013
Electrical	Power System Protection	SNUBBER FOR LIMITING AND MITIGATING THE FAULT ENERGY DURING ACCELERATOR GRID BREAKDOWN IN DNBPS (DIAGNOSTIC NEUTRAL BEAM POWER SYSTEM)	2013
Electrical	Power System Protection	MECHANICAL CONDITION DIAGNOSIS OF POWER TRANSFORMER BY FRA USING AI TECHNIQUE	2013

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power System Protection	RELAY COORDINATION OF RING MAIN UNITS ON DISTRUBUTATION SIDE	2013
Electrical	Power System Protection	Coordination of Mutiple DFIG in microgrid with Multi Agent aproch & Relay Coordination	2013
Electrical	Power System Protection	SIMULATION OF COMMON DIFFERENTIAL PROTECTION FOR DIFFERENT TYPES OF TRANSFORMER USING PSCAD/MATLAB	2013
Electrical	Power System Protection	simulation for fault location in transmission network	2013
Electrical	Power System Protection	EFFECT OF SHUNT COMPENSATION ON DISTANCE PROTECTION	2013
Electrical	Power System Protection	EVALUATION AND PERFORMANCE ANALYSIS OF DFIG WIND TURBINE WITH CROWBAR PROTECTION UNDER SHORT CIRCUIT AND VOLTAGE DIP CONDITION	2013
Electrical	Power System Protection	ISLANDING DETECTION IN DISTRIBUTED GENERATION	2013
Electrical	Power System Protection	Retrofit of conventional substation to digital substation	2013
Electrical	Power System Protection	Distance Protection using PSCAD	2013
Electrical	Power System Protection	Control Switching of Circuit Breaker for Power Transformer	2013
Electrical	Power System Protection	SIMULATION ANALYSIS OF EFFECT OF POWER SWING ON DISTANCE PROTECTION	2013
Electrical	Power System Protection	OPTIMAL OVER CURRENT RELAY CO-ORDINATION USING FIREFLY ALGORITHM	2013
Electrical	Power System Protection	OVER CURRENT RELAY COORDINATION FOR INDUSTRIAL SYSTEM	2013
Electrical	Power System Protection	Design & Development of Relay Testing Kit	2013
Electrical	Power System Protection	ARTIFICIAL INTELLIGENCE BASED FAULT LOCATION FOR TRANSMISSION LINE	2014
Electrical	Power System Protection	OVER VOLTAGE PROTECTION FOR TRANSFORMER WITH MESSAGING	2014
Electrical	Power System Protection	ARC EXTINCTION BY SINGLE POLE AUTO RECLOSING(SPAR) ON EXTRA HIGH VOLTAGE TRANSMISSION LINES	2014

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power System Protection	CASE STUDY OF LOAD FLOW, SHORT CIRCUIT ANALYSIS AND RELAY COORDINATION OF 400KV KANSARI SUBSTATION.	2014
Electrical	Power System Protection	DISCRIMINATION BETWEEN INTERNAL FAULTS AND MAGNETIZING INRUSH CURRENT IN TRANSFORMER	2014
Electrical	Power System Protection	REDUCTION OF INRUSH CURRENT IN NETWORK TRANSFORMER BY REDUCING THE RESIDUAL FLUX WITH AN ULTRA-LOW FREQUENCY POWER SOURCE	2014
Electrical	Power System Protection	PROTECTION OF A MICROGRID	2014
Electrical	Power System Protection	DISCRIMINATION BETWEEN INRUSH CURRENT AND FAULT CURRENT IN POWER TRANSFORMER	2014
Electrical	Power System Protection	DESIGN OF UNIVERSAL COIL FOR MEDIUM VOLTAGE SWITCH GEAR	2014
Electrical	Power System Protection	DIRECTIONAL OVER CURRENT RELAY CO-ORDINATION.	2014
Electrical	Power System Protection	PROTECTION SCHEME FOR HVDC CONVERTERS AGAINST DC-SIDE FAULTS WITH CURRENT SUPPRESSION CAPABILITY	2014
Electrical	Power System Protection	DYNAMIC MODELING OF CASCADING FAILURE IN POWER SYSTEMS	2014
Electrical	Power System Protection	ISLANDING DETECTION AND PROTECTION OF DISTRIBUTED GENERATION USING FREQUENCY RELAY	2014
Electrical	Power System Protection	USE OF LOAD SHEDDING AND GRID ISLANDING FOR SECURE OPERATION OF POWER SYSTEM	2014
Electrical	Power System Protection	PROTECTION OF MICROGRID USING DIRECTIONAL RELAY	2014
Electrical	Power System Protection	PROTECTION OF SERIES COMPENSATED TRANSMISSION LINE USING ADAPTIVE DISTANCE RELAYING SCHEME	2014
Electrical	Power System Protection	PROTECTIVE DEVICES COORDINATION FOR A TYPICAL DISTRIBUTION SCHEME	2014
Electrical	Power System Protection	MODELING AND ANALYSIS OF TRACTION POWER SUPPLY SYSTEM OF HIGH SPEED RAILWAY	2014
Electrical	Power System Protection	DESIGN OF LIGHTNING PROTECTION SCHEME BY INTERGRATING OF ROLLING SPHERE AND PROTECTIVE ANGLE METHOD.	2014
Electrical	Power System Protection	UNDERFREQUENCY LOAD SHEDDING FOR DISTRIBUTION SYSTEM.	2014

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power System Protection	OPTIMIZATION TECHNIQUE FOR RELAY CO –ORDINATION WITH DG	2014
Electrical	Power System Stability Analysis	Transient & Steady State Analysis of Overhead & Underground Cable for urban Area	2013
Electrical	Power System Stability Analysis and FACTS (Dynamic)	ANALYSIS & COMPARISON PERFORMANCE OF SVC & SSSC FOR POWER SYSTEM VOLTAGE STABILITY	2013
Electrical	Power System Stability Analysis and FACTS (Dynamic)	Transient Stability Improvement using IPFC with PSS	2013
Electrical	Power System Stability Analysis and FACTS (Dynamic)	Flexible D-STATCOM Performance as a Flexible Distributed Generator in Mitigating Faults	2013
Electrical	Power System Stability Analysis and FACTS (Dynamic)	TRANSIENT STABILITY IMPROVEMENT OF SMIB WITH UNIFIED POWER FLOW CONTROLLER	2013
Electrical	Power System Stability Analysis and FACTS (Dynamic)	Application of SSSC : SSR mitigation	2013
Electrical	Power System Stability Analysis and FACTS (Dynamic)	Damping of Subsynchronous resonance using TCSC	2013
Electrical	Power System Stability Analysis and FACTS (Dynamic)	ENHANCEMENT OF VOLTAGE PROFILE USING DVR	2013

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power System Stability Analysis and FACTS (Dynamic)	OPTIMIZATION OF FACT CONTROLLER USING GENETIC ALGORITHM	2013
Electrical	Power System Stability Analysis and FACTS (Dynamic)	Reduction of damping in power system by employing PSS(power system stabilizer) and FACTS device using PSCAD/MATLAB	2013
Electrical	Power System Stability Analysis and FACTS (Dynamic)	power system performance enhancement using STATCOM	2013
Electrical	Power System Stability Analysis and FACTS (Dynamic)	Optimal location and size of TCSC for Voltage Stability Enhancement	2013
Electrical	Power System Stability Analysis and FACTS (Dynamic)	Damping Oscillation Control using Fuzzy Logic based Thyristor Controlled Series Capacitor	2013
Electrical	Power System Stability Analysis and FACTS (Dynamic)	VOLTAGE STABILITY ANALYSIS OF DOUBLY FED INDUCTION GENERATOR FOR WIND POWER PLANT USING STATCOM	2013
Electrical	Power System Stability Analysis and FACTS (Dynamic)	IMPROVEMENT OF POWER SYSTEM TRANSIENT STABILITY USING SSSC	2013
Electrical	Power System Stability Analysis and FACTS (Dynamic)	ISLANDING DETECTION FOR STEAM DRIVEN SYNCHRONOUS GENERATOR	2013

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power System Stability Analysis and FACTS (Dynamic)	UPFC BASED DAMPING CONTROLLERS DAMPING LOW FREQUENCY OSCILLATIONS IN A POWER SYSTEM	2013
Electrical	Power System Stability Analysis and FACTS (Dynamic)	A VOLTAGE COMPENSATION FOR POWER QUALITY IMPROVEMENT USING DYNAMIC VOLTAGE RESTORER	2014
Electrical	Power System Stability Analysis and FACTS (Dynamic)	SSR MITIGATION METHODS IN DFIG BASED WIND ENERGY CONVERSION SYSTEM	2014
Electrical	Power System Stability Analysis and FACTS (Dynamic)	COORDINATED PREVENTIVE CONTROL OF TRANSIENT STABILITY WITH MULTI CONTINGENCY IN POWER SYSTEMS	2014
Electrical	Power System Stability Analysis and FACTS (Dynamic)	TRANSIENT STABILITY ANALYSIS OF POWER SYSTEM WITH PENETRATION OF WIND POWER	2014
Electrical	Power System Stability Analysis and FACTS (Dynamic)	TRANSIENT STABILITY ANALYSIS OF SYNCHRONOUS GENERATOR	2014
Electrical	Power System Stability Analysis and FACTS (Dynamic)	INDUSTRY GRADE POWER SYSTEM STUDY NETWORK ANALYSIS	2014
Electrical	Power System Stability Analysis and FACTS (Dynamic)	IMPROVEMENT OF OSCILLATORY STABILITY IN SMIB MODEL USING POWER SYSTEM STABILISER	2014

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power System Stability Analysis and FACTS (Dynamic)	IMPROVEMENT IN TRANSIENT STABILITY AND SMALL SIGNAL STABILITY USING SSSC	2014
Electrical	Power System Stability Analysis and FACTS (Dynamic)	ENHANCEMENT OF SMALL SIGNAL STABILITY CAUSED BY SUB SYNCHRONOUS RESONANCE IN AC NETWORK	2014
Electrical	Power System Stability Analysis and FACTS (Dynamic)	POWER SYSTEM STABILITY ENHANCEMENT USING FACTS DEVICES	2014
Electrical	Power System Stability Analysis and FACTS (Dynamic)	DYNAMIC VOLTAGE STABILITY IMPROVEMENT BY FACTS DEVICE	2014
Electrical	Power System Stability Analysis and FACTS (Dynamic)	IMPROVEMENT OF ACTIVE POWER FLOW AND SYSTEM RELIABILITY USING FACTS DEVICES.	2014
Electrical	Power System Stability Analysis and FACTS (Dynamic)	ENHANCEMENT OF POWER SYSTEM TRANSIENT STABILITY USING SUPERCONDUCTING MAGNETIC ENERGY STORAGE.	2014
Electrical	Power System Stability Analysis and Facts (STATIC)	CONTINGENCY ANALYSIS IN POWER SYSTEM AND IMPROVEMENT OF POWER SYSTEM SECURITY BY LOCATING FACTS DEVICES	2013
Electrical	Power System Stability Analysis and Facts (STATIC)	SUB SYNCHRONOUS RESONANCE DAMPING AND VOLTAGE STABILITY IN SERIES COMPENSATED TRANSMISSION LINE USING STATCOM	2013
Electrical	Power System Stability Analysis and Facts (STATIC)	VOLTAGE PERFORMANCE ANALYSIS BY USING PI, PID AND FUZZY LOGIC FOR STATIC SYNCHRONOUS SERIES COMPENSATOR(SSSC)	2013

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power System Stability Analysis and Facts (STATIC)	AVAILABLE TRANSFER CAPABILITY ENHANCEMENT USING FACTS DEVICES	2013
Electrical	Power System Stability Analysis and Facts (STATIC)	UNIFIED POWER QUALITY CONDITIONER (UPQC) FOR REDUCTION OF VOLTAGE AND CURRENT HARMONICS USING P-Q METHOD	2013
Electrical	Power System Stability Analysis and Facts (STATIC)	CONGESTION MANAGEMENT IN DEREGULATED POWER SYSTEM USING UPFC	2013
Electrical	Power System Stability Analysis and Facts (STATIC)	DAMPING OF LOW FREQUENCY OSCILLATION BY UPFC	2013
Electrical	Power System Stability Analysis and Facts (STATIC)	COMPARATIVE STUDY ON VOLTAGE STABILITY ASSESSMENT USING DIFFERENT INDICES	2013
Electrical	Power System Stability Analysis and Facts (STATIC)	VOLTAGE STABILITY ENHANCEMENT USING FACTS DEVICES	2013
Electrical	Power System Stability Analysis and Facts (STATIC)	OPTIMAL LOCATION OF STATCOM TO IMPROVE VOLTAGE STABILITY USING OPTIMIZATION TECHNIQUES	2013
Electrical	Power System Stability Analysis and Facts (STATIC)	APPLICATION OF DISTRIBUTED STATIC SERIES COMPENSATOR FOR POWER SYSTEM STABILITY ENHANCEMENT	2014
Electrical	Power System Stability Analysis and Facts (STATIC)	POWER QUALITY IMPROVEMENT USING DSTATCOM	2014
Electrical	Power System Stability Analysis and Facts (STATIC)	SIMULATION AND ANALYSIS OF DPFC FOR POWER QUALITY ENHANCEMENT IN TRANSMISSION LINE	2014
Electrical	Power System Stability Analysis and Facts (STATIC)	SIMULATION OF D-STATCOM FOR POWER QUALITY IMPROVEMENT	2014

Main Branch	Theme/Area	Title of Project	Year
Electrical	Power System Stability Analysis and Facts (STATIC)	CONTINGENCY RANKING AND ANALYSIS	2014
Electrical	Power System Stability Analysis and Facts (STATIC)	SIMULATION & ANALYSIS OF DIFFERENT CONTROLLING TECHNIQUES FOR ALFC	2014
Electrical	Power System Stability Analysis and Facts (STATIC)	OPTIMAL LOCATION OF FACTS DEVICE USING GENETIC ALGORITHM.	2014
Electrical	Power System Stability Analysis and Facts (STATIC)	SIMULATION OF MULTILEVEL UPQC FOR HARMONICS MITIGATION AND POWER QUALITY IMPROVEMENT	2014
Electrical	Power System Stability Analysis and Facts (STATIC)	ENHANCEMENT OF ACTIVE POWER TRANSFER AND STABILITY IMPROVEMENT BY STATIC SYNCHRONOUS SERIES COMPENSATION	2014
Electrical	Power System Stability Analysis and Facts (STATIC)	APPLICATION OF UPFC TO ENHANCE OSCILLATORY RESPONSE OF SERIES-COMPENSATED WIND FARM INTEGRATIONS	2014
Electrical	Power System Stability Analysis and Facts (STATIC)	RESEARCH ON FACTS DEVICES AND SIMULATION OF UNIFIED POWER FLOW CONTROLLER (UPFC) USING MATLAB SOFTWARE	2014
Electrical	Power System Stability Analysis and Facts (STATIC)	POWER QUALITY IMPROVEMENT IN DISTRIBUTION SYSTEM USING DSTATCOM	2014
Electrical	PS	MITIGATION OF VOLTAGE SAG USING DYNAMIC VOLTAGE RESTORER	2012
Electrical	PS	3 phase 4 wire voltage source converter to compensate unbalance and non linear load	2012
Electrical	PS	MITIGATION OF POWER QUALITY PROBLEM USING DVR	2012
Electrical	PS	Control of Dynamic Voltage Restorer using Instantaneous symmetrical Component for Voltage sag/swell mitigation	2012
Electrical	PS	Design and simulation of grid tied inverter	2012
Electrical	PS	Modified Droop Control Scheme for Load sharing amongst inverter in a microgrid	2012
Electrical	PS	CONTROL STRATEGY FOR POWER FLOW MANAGEMENT IN GRID CONNECTED PHOTO VOLTAIC - FUEL CELL -ELECTROLYZER SYSTEM.	2012
Electrical	PS	UTILIZATION OF GYM BICYCLE FOR GENERATION OF ELECTRICITY	2012
Electrical	PS	Design & Development of Unity Power Factor Control(UPFC)	2012

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Electrical	PS	Transmission line loadability improvement using FACTS device	2012
Electrical	PS	Bipolar HVDC Tie Line Simulation	2012
Electrical	PS	Modeling And Simulation of STATCOM for Voltage Stability Enhancement in Power System	2012
Electrical	PS	Reactive Power Control of Transmission Line Using FACTS Controller	2012
Electrical	PS	Study of Electrical & Mechanical Resonance in T-G and it's Mitigation by Thyristor Controlled Series Capacitor	2012
Electrical	PS	Interline Power Flow Controller(IPFC)	2012
Electrical	PS	Power flow controller using IPFC	2012
Electrical	PS	Powerflow Analysis of Powersystem Network using PowerWorld Simulator	2012
Electrical	PS	Modelling ,analysis and simulation of SVCs	2012
Electrical	PS	Intelligent Generation Control	2012
Electrical	PS	Evaluation of congested network by generationn rescheduling	2012
Electrical	PS	Optimal Location & Cost Analysis of FACTS Devices	2012
Electrical	PS	Analysis of Distributed Power-Flow controller to improve voltage profile	2012
Electrical	PS	TRANSMISSION LINE LOSS REDUCTION BY UPFC	2012
Electrical	PS	Evaluation and analysis of fault in distance protection of transmission line	2012
Electrical	PS	Transmisssion Line Fault Protection using Artificial Neural Network	2012
Electrical	PS	coordination of over current relay for industrial radial sysytem	2012
Electrical	PS	Distance protection of series compensated line	2012
Electrical	PS	Transmission Line Distance Protection Based On Wavelet Transform	2012
Electrical	PS	Simulation and analysis of fault current limiter in power system	2012
Electrical	PS	adequacy of lightning protection in chemical industries	2012
Electrical	PS	Simulation and Analysis of Effect of Series Compensation on Distance Protection of Transmission Line	2012
Electrical	PS	Optimum Relay Co-Ordination using IDMT Relay	2012
Electrical	PS	Available Transfer Capability Calculation In Restructuring Power System	2012
Electrical	PS	Reactive Power Pricing	2012
Electrical	PS	Congestion Management with Optimization Between Rescheduling Cost and Real Power Loss in Deregulated Power System	2012
Electrical	PS	Opitmal Placement of Capacitor using PSO for voltage improvement	2012

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Electrical	PS	DESIGN & DEVELOPMENT OF SOFTWARE FOR OPTIMIZED DESIGN OF GROUNDING SYSTEM	2012
Electrical	PS	Calculation of Transmission line losses and Optimum power Flow solution using Genetic Algorithm	2012
Electrical	PS	Locational Marginal Price Calculation using ACOPF	2012
Electrical	PS	Reactive Power Optimization using Partical swarm optimization	2012
Electrical	PS	Security Constrained Optimal Power Flow	2012
Electrical	PS	Short-term load forecasting using ANN	2012
Electrical	PS	optimal & fast placement of DG unit in distribution network by continuation power flow method	2012
Electrical	PS	Improvement of power system Transient stability using Static Synchronous Series Compensator	2012
Electrical	PS	Coordinated Control of SVC & PSS for Transient Stability Enhancement of Multi Machine Power System	2012
Electrical	PS	Transient stability Enhencement of Single Machine Infinite Bus (SMIB) System using UPFC	2012
Electrical	PS	Mitigation of Sub-synchronous resonance with an Induction Machine Damping Unit in a series compensated transmission system.	2012
Electrical	PS	Voltage stability enhancement using STATCOM by conventional algorithm	2012
Electrical	PS	VOLTAGE STABILITY ASSESSMENT USING AI TECHNIQUE	2012
Electrical	PS	A Synchronization Technique for Micro-grid reclosing after islanding operation	2012
Electrical	PS	Simulation of Cascade Tripping and grid Islanding	2012
Electrical	PS	Use of LED Lightning in Switchyard	2012
Electrical	PS	Simulation and Analysis of DSTATCOM Control in Low Voltage Distribution System with Wind Power Generation	2012
Electrical	PS	Power Management Of Standalone Hybrid System	2012
Electrical	PS	Short Term Load forecasting using Fuzzy Logic	2012
Electrical	PS	ANN based fault classifier & distance locator	2012
Electrical	PS	SHORT TERM LOAD FORECASTING USING FUZZY LOGIC TECHNIQUE	2012
Electrical	PS	Transformer Protection using Artificial neural network	2012
Electrical	PS	Contingency Analysis by Artificial Neural Network	2012
Electrical	PS	Substation Grounding design using MATLAB	2012
Electrical	PS	Non-linear Control System using Lypunov's Approach	2012
Electrical	PS	power flow control in a transmission line using UPFC	2012

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Electrical	PS	Voltage Quality Improvement Using Dynamic Voltage Restorer	2012
Electrical	PS	POWER SYSTEM PERFORMANCE ENHANCEMENT USING UNIFIED POWER FLOW CONTROLLER	2012
Electrical	PS	Analysis & function of unified power quality conditioner for power quality improvement of distribution network	2012
Electrical	PS	Mitigation of Voltage Sag/Swell using Dynamic Voltage Restorer(DVR)	2012
Electrical	PS	Power Quality Improvement in distribution system using dstatcom	2012
Electrical	PS	POWER MANAGEMENT OF GRID CONNECTED PV/WIND/BESS ENERGY SYSTEM	2012
Electrical	PS	Utility Interactive Hybrid Generation Scheme with Power Management	2012
Electrical	PS	Effect on voltage profile on grid connected wind farm and its improvement	2012
Electrical	PS	optimum coordination of over current relay using hybrid GA-NLP	2012
Electrical	PS	Application of Ant Colony Optimization Technique in Power System Optimization	2012
Electrical	PS	Optimal Reactive Power Dispatch using Generalized Differential Evaluation Algorithm	2012
Electrical	PS	OPTIMAL PLACEMENT OF UPFC TO ENHANCE POWER SYSTEM VOLTAGE STABILITY	2012
Electrical	PS	Optimum Placement of DG Units using Modified Method	2012
Electrical	PS	Parallel operation of inverter in distributed generation systems.	2012
Electrical	PS	DESIGN & DEVELOPMENT OF STATIC AVR	2012
Electrical	PS	Computer aided analysis and design of EHV-AC transmission line	2012
Electrical	PS	CONVERTER FED MICROGRID STABILITY ANALYSIS SUBSEQUENT TO FAULT	2012
Electrical	PS	DFPC SYSTEM FOR IMPROVING POWER TRANSFER CAPABILITY OF TRANSMISSION LINE	2012
Electrical	PS	OPTIMUM POWER FLOW CONTROL IN INTELLIGENT GRID MANAGEMENT SYSTEM	2012
Electrical	PS	Application of Multi Agent System In Smart Distribution Network	2012
Electrical	PS	Simulation of Partial Discharge in Power Equipment	2012
Electrical	PS	Condition Monitoring of Transmission Line with Energy Obtaining system for Sensor Devices	2012
Electrical	PS	Analysis and control of first swing Stability using FACTS devices	2012
Electrical	PS	Availability Based Demand side management	2012
Electrical	PS	Design of Phasor Measurement Unit for Power System Security	2012
Electrical	PS	OPTIMAL LOCATION OF FACTS DEVICES (STATCOM) IN POWER SYSTEM	2012
Electrical	PS	Simulation & Analysis of D-STATCOM	2012
Electrical	PS	Voltage Improvement Using Shunt FACTS Device : STATCOM	2012
Electrical		Load Voltage Regulation and Line Loss Minimization in Loop Distribution Systems using UPFC	2012
Electrical		COMPARISON OF FLOW BASED METHODS OF TRANSMISSION EMBEDDED COST ALLOCATION UNDER DEREGULATED POWER SYSTEM CONDITION	2012

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Electrical		Voltage Stability Enhancement using STATCOM and UPFC	2012
Electrical		testing of transformer upto UHV class with minimum possible source and design of source transformer.	2012
Electrical		stability evaluation on single pole inverted pendulum with closed loop system	2012
Electrical		03(A0-Conf. Waiting)	2012
Electrical			2012
Electrical		Designs& Simulation of Single sided Linear Induction Motor using MATLAB for efficient Performance	2012
Electrical		implementation of DTC based induction motor drive using digital signal processor	2012
Electrical		DSP based Control of Brushless DC(BLDC) Motor	2012
Electrical		FUZZY LOGIC BASED SPEED CONTROLLER FOR VECTOR CONTROLLED INDUCTION MOTOR	2012
Electrical		OPTIMAL SITTING AND SIZING OF DISTRIBUTED GENERATION (DG) UNIT TO REDUSE SYSTEM LOSSES	2012
Electrical		UNIT COMMITMENT USING ANT COLONY OPTIMIZATION (ACO) TECHNIQUE	2012