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LIST OF PUBLICATIONS

Sl.No	Name of the Faculty	Title of the Paper	Publication	Year	Conference /Journal	Citations/ Impact Factor	Books /Books Chapter	DOI/ISSN
1	Mrs. Selvamathi R	Analysis of transformer less inverter for PV application	International Journal of Engineering & Technology	2018	International Journal	-	-	-
2	Mrs. Shilpa Acharya	High Efficiency Closed Loop Boost Inverter for Standalone Power Applications	IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology	2018	International Conference	-	-	-

3	Dr. N.Amuthan	Modeling & Analysis of a Voltage Regulator for a large-capacity DFIG wind turbine to achieve Low Voltage Ride Through	International Journal of Recent Trends in Engineering & Research (IJRTER)	2017	International Journal	-	-	10.23883
4	Dr. N.Amuthan	Design of Multi-input Converter for a Hybrid PV/Wind power Generation System and I-PVSC for Battery Charging and MATLAB Software	International Journal of Recent Trends in Engineering & Research (IJRTER)	2017	International Journal	4.101	-	10.23883
5	Dr. Priya B Esther	Partial Shading conditions for photovoltaic systems using MPPT technique	International Journal in Recent Trends in Engineering and Research(IJRTER)	2017	International Journal	-	-	-
6	Dr. Priya B Esther	Fair Allocation of Energy & Power using Shapely value to reduce deficit in regions of Indian Grid	Indian Journal of Science & Technology	2017	National Journal	-	-	10.17485

7	Dr. Priya B Esther	Comparison of Differential Evolution & Particle Swarm optimization for optimizing the power generation potential in Hydro-electric power plants using Dot net	IOSRJEE	2017	National Journal	-	-	10.9790
8	Dr. Priya B Esther	Genetic Algorithm Based Load management for low voltage consumers in smart grid-A case study	Information & Communication Technology for intelligent Systems ICTIS	2017	International Conference	-	-	-
9	Dr. Priya B Esther	Residential Demand Response Using Genetic Algorithm	International Conference on Innovations in Power and Advanced Computing Technologies [i-PACT2017]	2017	International Conference			
10	Mrs. Selvamathi R	Speed Control of a Switched Reluctance Motor Using PID Controller for PV Based Water Pumping Applications	International Conference on Innovations in Power and Advanced Computing Technologies [i-PACT2017]	2017	International Conference	-	-	-

11	Mrs. Selvamathi R	Mitigation of Sag, Swell and reduction of THD in an AC Microgrid using Fuzzy Based UPQC	International Journal of Recent Trends in Engineering & Research (IJRTER)	2017	International Journal	-	-	10.23883
12	Mrs. Selvamathi R	SHC Reduces Proficiency in Single Stand Photo Voltaic Power System	International Journal of Recent Trends in Engineering & Research (IJRTER)	2017	International Journal	-	-	10.23883
13	Mrs. Selvamathi R	A Case Study- Interfacing of PIC16f877a With Driver Circuit For Transformerless Inverter	International Journal of Mechanical Engineering and Technology (IJMET)	2017	International Journal	-	-	-
14	Mrs. Selvamathi R	A Software Level Realization of Improved Motion Estimation Algorithm”	National Journal of Technology	2017	National Journal	-	-	-
15	Mr.Shakeer Shaik Ahmmad	Proposed Control Strategies for Mitigating Low Voltage Ride through to Improve Grid Synchronization of Wind Energy Conversion Systems with DFIG Machine	International Journal of Electronics, Electrical, and Computational System	2017	International Journal	-	-	-

16	Dr. K N Bhanuprakash	A Novel Approach for Short Term Load Forecasting Using Load Profile Index Vectors by Development of BPNN and GRNN Algorithms	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	2016	International Journal	-	-	-
17	Dr. N.Amuthan	Behavioral analysis of PV STATCOM for grid fault during day and night time	International Journal of Power Systems and Power Electronics	2016	International Journal	-	-	-
18	Dr. N.Amuthan	Issues Concerning Grid connected DFIG based Wind Farms: A Review	International Journal of Power Systems and Power Electronics	2016	International Journal	-	-	-
19	Dr. N.Amuthan	Review of IGBT Based Ultrasonic Circuits	International Journal of Power Systems and Power Electronics	2016	International Journal	-	-	-
20	Dr. Priya B Esther	Optimization of Murudeshwar Small Hydro Power Plant Generation Potential using Genetic	International Journal of Power Systems and Power Electronics	2016	International Journal	-	-	-

		Algorithm						
21	Dr. Priya B Esther	Optimum Reconfiguration of Distribution Switches Using Stochastic Optimization Techniques	International Journal of Power Systems and Power Electronics	2016	International Journal	-	-	-
22	Dr. Priya B Esther	A Survey on residential demand side management architecture, approaches, optimization models and method	Elsevier journal, Renewable and Sustainable Energy Reviews	2016	International Journal	5.9	-	-
23	Dr. Priya B Esther	Demand Side Management Using Bacterial Forging Optimization Algorithm” in Information Systems design and intelligent applications		2016	National Conference	-	-	-
24	Mrs. Selvamathi R	Protective Method for HVDC Transmission Line using Directional Characteristics of	IJSRD - International Journal for Scientific Research &	2016	International Journal	-	-	-

		Reactive Energy	Development					
25	Mrs. Selvamathi R	Power Flow Control and Current Ripple Minimization of HVDC Converter System by Using Zero-Sequence Voltage Injection Control	International Journal of Advanced Engineering Research and Science (IAERS)	2016	International Journal	-	-	-
26	Mr.Shakeer Shaik Ahmmad	Improving the performance of power distribution system by using power electronic transformer	International Journal of Power Systems and Power Electronics	2016	International Journal	-	-	-
27	Mr.Shakeer Shaik Ahmmad	ANFIS Control of Smart Transformer for Distribution Systems	IJSRD	2016	International Journal	-	-	-
28	Ms.Saranya.S	Adaptive Phasor Measurement Technique For Finding Exact Fault Location in Transmission Systems	International Journal for Scientific Research and Development	2016	International Journal		-	-
29	Ms.Saranya.S	Wide Area Protection of Transmission Lines by Phasor Measurement Techniques in	International Conference on Reliable Technologies in Power and Energy Systems	2016	International Conference	-	-	-

		Matlab/ Simulink						
30	Ms.Saranya.S	Protection of Interconnected Transmission Lines Using Phasor Measurement Unit To Improve System Stability	National Conference on Advanced Techniques in Electrical and Electronics Engineering	2016	National Conference	-	-	-
31	Mrs. Shilpa R M	Efficient Utilization of PV by using SSIB converter for medium voltage DC bus	International Journal of Science & Engineering Development Research	2016	International Journal	-	-	-
32	Mrs. Shilpa R M	Energy optimization for Grid Management system with Dynamic voltage scheduling	International Journal of Science & Engineering Development Research	2016	International Journal	-	-	-
33	Mr. Chandrasekhar N	Multimedia LLC Resonant Converter with Automatic Transition for Distribution Systems	International Journal in Emerging Research in Management and Technology	2016	International Journal	-	-	-
34	Mr. Chandrasekhar N	A New Methodology to reverse the Flow in a Single Phase AC System by using a	International Journal of Science & Engineering Development	2016	International Journal	-	-	-

		D-SSSC	Research					
35	Mr. Chandrasekhar N	Multimode Bidirectional LLC Resonant Converter with Automatic Transition for Distribution Systems	International Council for Adult Education (ICAE)- 2016	2016	International Conference	-	-	-
36	Mr. Chandrasekhar N	New Control Strategy to Reverse the Power Flow in Looped Electrical in Distribution Network	National Conference on Emerging Trends and Advances in Information Technology	2016	National Conference	-	-	-
37	Mr. Chandrasekhar N	A New Methodology to Reverse the Power Flow in a Single Phase AC System by Using a D- SSSC	NCATEE- 2016	2016	National Conference	-	-	-
38	Dr. K N Bhanuprakash	A Novel Approach for Short Term Load Forecasting Using Load Profile Index Vectors by Development of BPNN and GRNN Algorithms	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	March 2015	International Journal	6.392	-	-

39	Dr. Priya B Esther	Application of SVM as classifier in Estimating Market Power under Deregulated Electricity Market	International Conference on Power Electronics and Renewable Energy Sources	2015	International Conference	-	-	-
40	Dr. Priya B Esther	Energy conservation technique of DSM applied to residential consumers	National Conference on Horizons in Power Engineering	2015	National Conference	-	-	-
41	Dr. Priya B Esther	Microcontroller based DSM using priority based method	National conference on futuristic trends in power integration & computing techniques – NCFPIC 7	2015	National Conference	-	-	-
42	Mrs. Selvamathi R	DVR Based Power Quality Improvement In Distribution System	DVR Based Power Quality Improvement In Distribution System	2015	International Journal	-	-	2319-6726
43	Mr. Shivalinga Swamy GD	Intermittency Mitigation and Power Quality Mitigation of Grid connected to the Distributed Energy	International Journals for Scientific Research and Development ISSN 23210613	2015	International Journal	-	-	-

		Resources						
44	Mr.Shakeer Shaik Ahmmad	Insulator Contamination in Transmission Lines	International Journal of Engineering Research & Technology (IJERT)	2015	International Journal	-	-	-
45	Mr.Shakeer Shaik Ahmmad	Insulator Contamination in Transmission Lines	International Conference of Engineering Research & Technology	2015	International Conference	-	-	-
46	Ms.Saranya.S	Power Quality Improvement of Grid Connected Wind Energy System by STATCOM- Control Scheme	International Journal of Advance Research in Electrical, Electronics and Instrumentation Engineering	2015	International Journal	-	-	-
47	Ms.Saranya.S	A DCM operation based single phase converter operation to turn off the snubber capacitor	National conference held on Ghousia College Of Engineering	2015	National conference	-	-	-
48	Mrs. A Chitra	Implementation of MPPT Algorithm using Firefly Technique for Solar Photovoltaic Systems	International Journal for Scientific Research and Development	2015	International Journal	-	-	-

49	Mr. Suresh Reddy.D	Wireless charging of mobile phones using microwaves	National conference on VLSI communication & Computer Networks (VCCN – 3)	2015	National conference	-	-	-
50	Mr. Suresh Reddy.D	Power quality Improvement of Distribution Network for Non Linear Loads using Inductive Active Filtering Method	International Journal of Engineering Research and Development	2015	National conference	-	-	-
51	Mr. Kiran M K	Generation of Electric power by using Hybridization of Renewable Energy Sources	International Journal for Scientific research & Development	2015	International Journal	-	-	-
52	Mrs. Monika N	Prediction based Battery Power Management Using Solar Energy	International Conference Proceedings on Emerging Trends in Engineering and Technology	2015	International Conference	-	-	-

53	Ms. Shruthi G	A Fault Detection and classification Method for SC Transmission Line Using Phasor Measurement Unit Concept	International Journal of research in Electrical and Electronics Engineering (IJRREEE)	2015	International Journal	-	-	2349-7815
54	Ms. Shruthi G	Accurate Fault Location Algorithm for Series Compensated Line (SCL) Using Synchronized Phasor Measurement Unit	International Journal for Scientific research and Development	2015	International Journal	-	-	-
55	Ms. Shruthi G	Adaptive Fault Location Algorithm for Series Compensated Line Using PMU	National Conference on Advanced Techniques in Electrical & Electronics Engineering	2015	National Conference	-	-	-
56	Mrs. Bhavana Prasad	Implementation of MPPT Algorithm Using Firefly Technique for Solar Photovoltaic Systems	International Journal for Scientific research & Development	2015	International Journal	-	-	-

57	Mr.Shakeer Shaik Ahmmad	Harmonic Compensation in a Grid connected Single Phase PV Inverter	International Journal of Engineering Trends in Electrical and Electronics (IJETEE)	2014	International Journal	-	-	-
58	Mrs. Shilpa A S	Switched Boost Inverter with PWM control And Development of a Prototype Model	IJAREEIE	2014	International Journal	-	-	-
59	Mrs. Shilpa A S	Operating States and Improved Characteristics of New Z- Source Inverter	ICAECC	2014	International Conference	-	-	-
60	Mrs. Shilpa A S	Enhancement of Boost Factor using Z- Source Inverter Topology	ICCTEM 2014	2014	International Conference	-	-	-

61	Mr. A Ahamed Riazudeen	Neuro Fuzzy Inference Controller for dynamic restorer under distorted utility	International conference on recent innovations in Science, Engineering and Technology- ICRISSET-14	2014	International Conference	-	-	-
62	Mr. A Ahamed Riazudeen	Fuzzy based simulation and implementation of current and speed control method for brushless DC motor using current source inverter	International conference on design and application of Structures Drives, communicational and computing systems- ICDASDC 2014.	2014	International Conference	-	-	-
63	Dr. N.Amuthan	Direct Model Reference Adaptive Internal Model Controller for better Voltage Sag Ride Through in DFIG Wind Farms	International Journal of Electrical Power & Energy Systems, Elsevier	2013	International Journal	4.0	-	-

64	Dr. N.Amuthan	Voltage Sag Ride-Through Using Improved Adaptive Internal Model Controller for DFIG Wind Farms	Elsevier, Computers & Electrical Engineering	2013	International Journal	1.570	-	-
65	Dr. N.Amuthan	Improvements in the development of grid code and review of power quality requirements for fluctuating wind power generation in India	The Journal of CPRI	2013	National Journal	-	-	-
66	Dr. N.Amuthan	Ride Through and Direct Model Reference Adaptive Controller for DFIG Wind Farms	International Journal of Sustainable Energy, Taylor and Francis	2012	International Journal	0.9	-	-
67	Dr. N.Amuthan	Voltage Sag Ride Through and Adaptive Controller for DFIG Wind Farms	INDICON	2012	International Conference	-	-	-

68	Dr. N.Amuthan	An Impressions in Energy Conservation	RAEEE	2012	National Conference	-	-	-
69	Dr. Priya B Esther	Short Term Electricity load Forecasting using ANN method	International Conference in Advanced Computing and Information Technology	2012	International Conference	-	-	-
70	Dr. Priya B Esther	Enhancing Energy Efficient in WSN using Energy Potential Concepts	International Conference in Advances in Computer and Electrical Engineering	2012	International Conference	-	-	-
71	Mr.Shakeer Shaik Ahmmad	Direct Torque Control For Doubly Fed Induction Machine-Based Wind Turbine Under Voltages Dips And Without Crowbar Protection	International Journal Of Electrical and Electronics Engineering (IJEED)	2012	International Journal	-	-	2231-5284

72	Mr.Shakeer Shaik Ahmmad	Controlling of Rotor Flux for Doubly Fed Induction Machine Based Wind Turbines under Voltages Dips and Without Crowbar Protection	IOSR Journal of Electrical and Electronics Engineering (IOSRJEEE)	2012	International Journal	-	-	-
73	Mr.Shakeer Shaik Ahmmad	Optimal Location and Control of Shunt FACTS for Transmission of Renewable Energy in Large Power Systems	International Conference on Electrical Engineering and Computer Science ISSN (PRINT): 2231 – 4407	2012	International Journal	-	-	-
74	Mr.Shakeer Shaik Ahmmad	Direct Torque Control For Doubly Fed Induction Machine-Based Wind Turbine Under Voltages Dips And Without Crowbar Protection	International Conference on ICEEE -2012	2012	International Conference	-	-	-
75	Mr.Shakeer Shaik Ahmmad	A Fuzzy Rule-Based Approach for Islanding Detection in Distributed Generation	National Conference on Emerging trends in Engineering Applications	2011	National Conference	-	-	-

76	Dr. K N Bhanuprakash	A Reliable Fuzzy Logic Approach for Measurement Data validation through Line Susceptance Estimation	World Scientific & Engineering Academy & Society Transactions on POWER SYSTEMS	2010	International Journal	-	-	1790-5060
77	Dr. K N Bhanuprakash	Two Way Reduction of 24 Hour Daily Load Data Size by Rough Set Theory	American Conference on applied mathematics	2010	International Conference	-	-	-
78	Dr. K N Bhanuprakash	Measurement Data Validation through Line Susceptance Estimation Using the Linear Power Flow Model and Fuzzy Logic	International Conference on Applications of Electrical Engineering	2010	International Conference	-	-	-
79	Dr. K N Bhanuprakash	Short Term Load Forecasting using Load Profile Index Vectors and ANN's	International Conference of Science and Engineering in Education and Research	2010	International Conference	-	-	-

80	Dr. K N Bhanuprakash	Post Meridian Load Forecasting Based on the Matching of the Ante Meridian Load Shape with those of Similar Previous Days	International Conference of Science and Engineering in Education and Research	2010	International Conference	-	-	-
81	Dr. Priya B Esther	Route Discovery and Security in Mobile Ad hoc networks	National Conference IP Proceedings	2010	National Conference	-	-	-
82	Dr. K N Bhanuprakash	Detection and Identification of Multiple Bad Data in State Estimation by Sectioning the Measurement Sets	IETECH Journal of Electrical Analysis	2009	International Journal	-	-	-
83	Dr. K N Bhanuprakash	Lower and upper Bounds of State Variables in Power system State Estimation	IETECH Journal of Electrical Analysis	2009	International Journal	-	-	-
84	Dr. K N Bhanuprakash	Short Term Hourly Load Forecasting Using Artificial Neural Networks	International Conference on energy engineering ICEE-2009	2009	International Conference	-	-	0975-4024

85	Dr. K N Bhanuprakash	Optimal Matching of Available Meters with Measuring location to minimize the total variance of the estimated state vector	IETECH Journal of Electrical Analysis	2009	International Journal			
86	Dr. K N Bhanuprakash	Optimal location of UPFC for maximum Overall Power Transmission	international conference on electrical energy systems & power Electronics in emerging economics-ICEESPEEE	2009	International Conference	-	-	-
87	Dr. K N Bhanuprakash	A Detailed Methodology for Short Term Load Forecasting Using Artificial Neural Network	National Conference on Soft computing techniques in power system operation & control	2009	National Conference	-	-	-
88	Dr. N.Amuthan	Dynamic speed response of Internal Model Controller for time delay plant with dither injection	International Journal of Recent Trends in Engineering	2009	International Journal	-	-	-

89	Dr. N.Amuthan	Design of Linear Parametric Internal Model Controller-Polynomial Approach	Journal of Electrical and Electronics Engineering	2009	International Journal	-	-	-
90	Dr. N.Amuthan	Direct Model Reference Adaptive Internal Model Controller for DFIG Wind Farms	International Journal of Recent Trends in Engineering	2009	International Journal	-	-	01
91	Dr. N.Amuthan	A Novel Robust Negative High Gain ILC Current Controller for PMSM		2009	International Conference	-	-	-
92	Dr. N.Amuthan	Direct Model Reference Adaptive Internal Model Controller for DFIG Wind Farms with Dither Injection	IEEE-ICPS 2009	2009	International Conference	-	-	-
93	Dr. N.Amuthan	Dynamic Speed Response of Internal Model Controller with Dither Injection	ICCNT	2009	International Conference	-	-	-

94	Dr. K N Bhanuprakash	Transmission Loss Allocation in De-regulated Energy Market	National Symposium on Scenario of Scientific and Information Technology in Power Electronic Systems	2008	National Conference	-	-	-
95	Dr. K N Bhanuprakash	Unity Power Factor Controller Simulation using PSPICE	National Conference on Recent Advances in Electrical Engineering	2008	National Conference	-	-	-
96	Dr. N.Amuthan	Direct Model Reference Adaptive Internal Model Controller using Perrin Equation Adjustment Mechanism for DFIG Wind Farms	IEEE-ICIIS 2008	2008	International Conference	-	-	-
97	Dr. K N Bhanuprakash	Transmission Loss Computation in Restructured Electricity Markets using real Power Tracing	National Level Seminar November 10th & 11th, 2006 at B.I.T., Bangalore.	2007	National Conference	-	-	-

98	Dr. K N Bhanuprakash	ANN based Short Term load Forecasting	National Seminar on modern trends in power Systems II	2007	National Conference	-	-	-
99	Dr. K N Bhanuprakash	Transmission and Distribution Losses	Two- Day workshop on energy Audit- September	2006	National Conference	-	-	-
100	Dr. Priya B Esther	Design of Neural Networks for fault classification in Analog Integral System	National Conference ICOSA Proceedings	2006	National Conference	-	-	-
101	Dr. N.Amuthan	An efficient DSP controlled PFC Induction Heating System	National Conference on Emerging trends in Engineering	2004	National Conference	-	-	-
102	Dr. N.Amuthan	High Frequency Current Dead Technique DC/DC converter for Telecom DC bus application	Proceedings of National Power Systems Conference (NPSC)	2004	National Conference	-	-	-

103	Dr. N.Amuthan	Dynamics of Power Balance in a Hybrid Power System	National Conference on Power system and Reliability conducted by RGMET	2003	National Conference	-	-	-
104	Dr. T Krishnan	Microprocessor Based Speed Control System for High-Accuracy Drives	IEEE Trans on Industrial Electronics	1985		-	-	-
105	Dr. T Krishnan	A Fast and Accurate Speed Measurement System Using Microprocessor	Journal of the Institution of Electronics and Telecommunication Engineers	1983		-	-	-
106	Dr. T Krishnan	Slip Ring Induction Motor Speed Control Using a Thyristor Dual Converter		1975		-	-	-
107	Dr. T Krishnan	A Thyristorized Four Quadrant D.C Motor Drive	IFAC Conference 1974 held in Dusseldorf	1974	International Conference	-	-	-
108	Dr. T Krishnan	A Fast Response D.C. Motor Speed Control systems	IEEE Trans on Industry Applications	1974		-	-	-

	Dr. T Krishnan	Investigation on Automatic Starting Schemes for Thyristor Controlled D.C motor with Separate Excitation	Journal of IEI	1970		-	-	-
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