

FACULTY PUBLICATIONS

S.No	Author Name	Paper Title	Journal Title	Vol/Issue / Page No.	Year of Pub.	Indexing	Impact Factor
1.	S. Kavaskar Nalin Kant Mohanty	High Impedance Fault Detection in Distribution Networks	Ain Shams Engineering Journal ISSN: 2090-4479	10/1/5-13	2019	SCI, Scopus	IF:3.09
2.	A.Sivakumar N.B. Muthu Selvan	Reduction of Source Current Harmonics in ANN Controlled Induction Motor	Alexandria Engineering Journal ISSN: 1110-0168	57/3/1489-1499	2018	SCI, Scopus	IF:3.696
3.	S. Kavaskar Nalin Kant Mohanty	Data Mining based High Impedance Fault Detection using Mathematical Morphology	Computers and Electrical Engineering ISSN: 0045-7906	69/ 129 -141	2018	SCI, Scopus	IF:1.747
4.	G. Muralikrishnan Nalin Kant Mohanty	Modified Shunt Active line condition using enhanced self-vectoring technique with step size error elimination algorithm	Advances in intelligent systems & computing ISSN: 2194-5357	846/4/237-259	2018	Scopus	SJR=0.123
5.	P.Hariramakrishnan S.Sendilkumar	Detection of oscillatory transients using morphological transform	ARPJ Journal of Engineering and Applied Sciences ISSN: 1819-6608	13/19/ 8150-8153	2018	Scopus	SJR=0.19
6.	R Kannan S Solai Manohar M Senthil kumaran	IoT-based Condition Monitoring and Fault Detection for Induction Motor	Lecture Notes in Networks and Systems ISSN: 2367-3370	46/205-215	2018	Scopus	-
7.	M.Rajmal Joshi C.V.ARAVIND Reynold Andal Gamboa	Dynamic Performance Assessment for water pump system Using Different Controllers	JARDCS-Journal of Advanced Research in Dynamical and Control System ISSN: 1943-023X	10/13/1347-1353	2018	Scopus	SJR=0.11
8.	P.Hariramakrishnan S.Sendilkumar	Detection of Oscillatory Transients Using Morphological Transform and Neural Networks	JARDCS-Journal of Advanced Research in Dynamical and Control System ISSN: 1943-023X	10/14/1969-1976	2018	Scopus	SJR=0.11

9.	P.Hariramakrishnan S.Sendilkumar	Data Mining Based Power Quality Disturbance Detection Using Wavelet Transform	International Journal of Engineering and Technology(UAE)	1/5/1-8	2019	Scopus	SJR=0.11 3
10.	Sivakumar, A Muthu Selvan, N.B	Analysis Of Fuzzy Logic Controlled PV Based Zeta Converter Fed SAF For Induction Motor	Journal of Electrical Engineering ISSN: 1582-4594	18/4/452-459	2018	Google scholar	-
11.	Sivakumar A, Srinivasan A, Vijayan Sivakumar V	Optimal Design Selection And Analysis Of Single Sided Linear Induction Motor	Journal of Electrical Engineering ISSN: 1582-4594	18/4/405-414	2018	Google scholar	-
12	G.Muralikrishnan, N. K. Mohanty	Performance Analysis of Modified Shunt Active Line Conditioner (MSALC) using Notch Adaptive Filter	International Journal of Innovative Technology and Exploring Engineering	8/7/1863-1873	2019	Scopus	SJR=0.16
13	G.Muralikrishnan, N. K. Mohanty	Performance Analysis of Modified Shunt Active Line Conditioner (MSALC) using Kalman Filter trained by Neural Network	Journal of Advanced Research in Dynamical and Control Systems	11/2/689/698	2019	Scopus	SJR=0.11
14.	Sivakumar A, Srinivasan A	Harmonic Analysis Of Fractional Order Pid Controlled Induction Motor With Pv Based Saf	Journal of Electrical Engineering ISSN: 1582-4594	18/4/396-404	2018	Google scholar	-
15	Sivakumar A, T.Muthamizhan	Performance Analysis of Standalone Solar PV Powered Induction Motor Drive using Analog-Circuit based MPPT Algorithm	Journal of Advanced Research in Dynamical and Control Systems	11/2/689/698	2019	Scopus	SJR=0.11

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1.	Dr. R Kannan Dr. S Solai Manohar Dr.M Senthil kumaran	Nominal Features-based Class Specific Learning Model for Fault Diagnosis in Industrial Applications	Computers and Industrial Engineering ISSN: 0360-8352	116/163-177	2018	SCI, Scopus	IF : 3.195
2.	S. Kavaskar Dr. Nalin Kant Mohanty	Combined mathematical morphology and data mining based high impedance fault detection	Energy Procedia ISSN: 1876-6102	117/417-423.	2017	Scopus	SJR= 0.47
3.	G.MuraliKrishnan, Dr. Nalin Kant Mohanty	Fundamental Sequence Components based Hysteresis Current Controlled MSALC	Energy Procedia ISSN: 1876-6102	117/1093-1100.	2017	Scopus	SJR= 0.47
4.	A.Sivakumar, T.Muthamizhan	Harmonic reduction in Single boost converter fed Dc motor with EMI input Filter	International Journal of Power Electronics and Drive System ISSN: 2088 - 8694	9/2/914-920	2018	Scopus	SJR= 0.22
5.	Dr. P. Kalaimani, Dr. K. Mohana Sundaram	Fuzzy logic controlled thyristor controlled series compensation in fourteen bus system with reduced congestion and improve voltage stability	Journal of Computational and Theoretical Nano science ISSN:15461963	14/3/1563-1571	2017	Scopus	SJR= 0.22
6.	A. Sivakumar Dr. N.B. Muthu Selvan	Harmonic Analysis of Fractional Order PID Controlled Induction Motor With PV Based SAF	Journal of Electrical Engineering ISSN: 1582-4594	18/4/396-404	2018	Google Scholar	-
7.	A.Sivakumar Dr. N.B. Muthu Selvan	Reduction of Source Current Harmonics in Fuzzy Logic Controlled Induction Motor Drive with SAF	Journal of Electrical Engineering ISSN: 1582-4594	-	Accepted 12.09.2017	Google Scholar	-
8.	M.Rajmal Joshi, Dr. R.Dhanasekaran	Power Factor Improvement in Switched reluctance Motor Drive	Journal of Scientific & Industrial Research ISSN: 0975-1084	76/1/63-67	2017	SCI	SJR= 0.19
9.	P.Hariramakrishnan Dr. S.Sendilkumar	Comparison of signal processing techniques for power quality disturbances	Journal of Scientific & Industrial Research ISSN: 0975-1084	76/11/685-689	2017	SCI,	SJR= 0.19

10.	Dr. P. Kalaimani , Dr. K. Mohana Sundaram	Simulation of nine bus system using PI, PID, FOPID and Fuzzy controller with TCSC to improve voltage stability with reduced congestion	Middle East Journal of Scientific research ISSN: 1990-9233	25/5/926-938	2017	Scopus	SJR=0.19
11.	P.Hariramakrishnan Dr. S.Sendilkumar	transients using wavelet transform	International Journal of Engineering Technology ISSN: 0975-4024	9/4/3158-3163,	2017	Scopus	SJR=0.17
12.	M. Rajmal Joshi Dr.R.Dhansekaran Dr.C.V.Aravind	Current Excursion In Reluctance Machine Using Cyclic Integration Method	Man in India ISSN:0025-1569	97/41-11	2017	Scopus	SJR=0.12
13.	Dr. P. Kalaimani , Dr. K. Mohana Sundaram	Congestion Management with Improved Real Power Transfer Using TCSC in Thirty Bus System	International Journal of Information Technology and Management ISSN: 1741-5179		Accepted 2018	Scopus	SJR=0.12
14.	Dr. P. Kalaimani , Dr. K. Mohana Sundaram	Genetic Algorithm and Ant Colony Optimization based Hybrid technique for solving Transmission Congestion Problem in deregulated power system	International Journal of Soft Computing ISSN: 1816-9503	12/1/50-58	2017	Scopus	SJR=0.11
15.	T.Sundareesan Dr. G.T.Sundarajan	High gain SEPIC rectification using Switched capacitor Module	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE) ISSN: 2278 - 8875	6/3/155-162	2017	Google Scholar	-
16.	S. Kavaskar S.Prabakaran Dr. V. SenthilKumar	Hybrid Particle Swarm Optimization Algorithm to solve Profit based Unit Commitment Problem with Emission Limitations in Deregulated Power Market	International Journal of Computer Applications ISSN: 0975-8887	167/5/37-49	2017	Google Scholar	-
17.	V.Devaraj	A Wireless Power Transmission using Cost-Effective System	International Journal of Engineering and Research Technology ISSN: 2278-0181	6/2/225-227	Special Issue 2018	Google Scholar	-

18.	G. Merlin Suba A Kalaimani	A New Five Leg Vsi to Control Special Machine Using Dual Level Hysteresis Current Control	International Journal of Engineering and Research Technology ISSN: 2278-0181	6/2/234-239	Special Issue 2018	Google Scholar	-
19.	Muralikrishnan Gopalakrishnan, Santhosh Parani raja Manoharan, Ponkumar Ganeshapandiyan	Shunt Active Line Conditioner Using Notch Adaptive Filter for Unbalanced and/or Distorted PCC Voltage	International Journal of Engineering and Research Technology ISSN: 2278-0181	6/2/245-251	Special Issue 2018	Google Scholar	-
20.	Dr. P. Kalaimani, Dr. K. Mohana Sundaram	Congestion Management in Power Transmission Network under line interruption condition Using TCSC	International Journal of Engineering and Research Technology ISSN: 2278-0181	6/2/228-233	Special Issue 2018	Google Scholar	-
21.	Dr. P. Kalaimani, Dr. K. Mohana Sundaram	Voltage stability Improvement of multimachine power system using TCSC with reduced congestion	International Journal of Latest Trends in Engineering and Technology ISSN: 2278-621X	102-108	Special Issue 2017	Google Scholar	-
22.	Dr. N. Manoj Kumar	Dual-Inverter Fed Induction Motor Drive using Optimal Pulse Width Modulation	International Journal of Engineering Research & Technology ISSN: 2278-0181	6/2/220-224	Special Issue 2018	Google Scholar	-
23.	P.Hariramakrishnan Dr. S.Sendilkumar	Classification of power quality disturbances using hyperbolic S-transform	International Journal of Engineering Research & Technology ISSN: 2278-0181	6/2/240-244.	Special Issue 2018	Google Scholar	-
24.	Dr. S. Sendilkumar, S. Kavaskar	Identification of Internal Fault from P ower Transformer Using wavelet transform and ANFIS	International Journal of Engineering Research & Technology ISSN: 2278-0181	6/2/252-256	Special issue 2018	Google Scholar	-
25.	Dr.D.Silas Stephen	Fuzzy based DTC control of Induction motor for Pumping Application	International Journal of Engineering Research & Technology ISSN: 2278-0181	6/2/257-260	Special Issue 2018	Google Scholar	-
26.	T. Kapilachander B. Vijayashree E. Rajthilak	A Comparative Study of VLSI 3D Placement for Power Management and Wire length Reduction	International Journal of Engineering and Research Technology ISSN: 2278-0181	6/2/214-219	Special Issue 2018	Google Scholar	-

27.	M.J.Suganya B Gomathi D.Rajarajeswari P Sivakami S.Balamurugan	Remote Access of Substation to Automate and Protect using Raspberry Pi	International Journal of Engineering Research and Technology ISSN: 2278-0181	6/ 2/ 261-263	Special Issue 2018	Google Scholar	-
28.	S.Balaji K. Kirubakaran	Blackout Prevention by Auto Load Shedding And Islanding Scheme	International Journal of Engineering and Research Technology ISSN: 2278-0181	6/2/ 269-272	Special Issue 2018	Google Scholar	-
29.	A.Venkatesan, K. Kirubakaran, S. Srinivasan, B. Kandha Kumar	Methods to Control Toxic Air Pollution around Major Cities in India	International Journal of Engineering and Research Technology ISSN: 2278-0181	6/2/ 210-213	Special Issue 2018	Google Scholar	-
30.	B. Gomathi P. Sivakami M.J.Suganya S.Balamurugan	Implementation of Fan ON/OFF Control Using Internet of Things for Home Automation	International Journal of Innovative Research in Science, Engineering and Technology ISSN: 2319 – 8753	7/ 2/ 1338-1342	2018	Google Scholar	-

List of Journal Publications Academic year: 2016-17

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1.	Dr. S. Selvi Dr. S. Rajapandian	Lightning Hazards in India	International Journal of Disaster Risk Reduction ISSN: 2212-4209	19/ 22-24	2016	SCI, Scopus	1.242 SJR=0.77
2.	V.Arulalan Dr. R.Dhanasekaran	Closed Loop Implementation of the Ultra Sparse Matrix Converter Based Wind Energy Conversion System	Middle - East Journal of Scientific Research ISSN: 1990-9233	24/4/ 1362 - 1370	2016	Scopus	SJR=0.19
3.	P.Hemkumar G.Nagarajan	Current Fed Full Bridge Soft Switching Grid Connected Solar Based Push Pull Inverter	ARNP Journal of Engineering and Applied Sciences ISSN: 1819-6608	11/13/ 1-7	2016	Scopus	SJR=0.19
4.	Dr. P.Kalaimani Dr. K.Mohana Sundaram	Congestion Management in Fourteen Bus System Using TCSC	International Journal of Control Theory and Applications ISSN: 0974-5572	9/34/ 257 -271	2016	Scopus	SJR =0.1
5.	K.Karthick	Performance Prediction of DC Constant Flux Machine using OCR	Asian Journal of Research in Social Sciences and Humanities ISSN: 2249-7315	6/6/ 78-90	2016	Google Scholar	-
6.	A. Sivakumar Dr. N.B. Muthu Selvan	Reduction of Source Current Harmonics in R and RL load with Active Filter at Source End	Asian Journal of Research in Social Sciences and Humanities ISSN: 2249-7315	6/10/ 298 -310	2016	Google Scholar	-
7.	A. Sivakumar Dr. N.B. Muthu Selvan	Harmonic Analysis in Induction Motor Drive with Boost Converter	International Journal of Printing, Packaging & Allied Sciences ISSN: 2320-4387	4/2/ 1159 - 1165	2016	Google Scholar	-
8.	G.Merlin Suba S.Resitha	Advanced Display devices using Field Electron Emission	International Journal of Emerging Technology in computer Science & Electronics ISSN: 0976-1353	23/2/ 84-87	2016	Google Scholar	-

9.	G.Muralikrishnan S.Sivaapriyan M.J. Suresh kumar V.Arulalan	Implementation of High- Voltage gain DC-DC converters based on 5SSC and VMC	International Journal of Research in Cloud Engineering, Management and Allied Science ISSN: 2394-5036	3/6/1-7	2016	Google Scholar	-
10.	K.J. Ananshiya T. Iswariya M. Devi	PV fed improved T source inverter for Induction Motor Applications	International Journal of Emerging Technology in Computer Science and Electronics (IJETCSE) ISSN: 0976-1353	23/2/103-108	2016	Google Scholar	-
11.	K.J. Ananshiya M. Devi P.Rajarajeshwari	Implementation of PV tied fly back micro-inverter using interleaved method for improving the performance	International Journal of Emerging Technology in Computer Science and Electronics (IJETCSE) ISSN: 0976-1353	23/2/109-112	2016	Google Scholar	-
12.	K.J. Ananshiya T. Iswariya	Comparative Analysis of improved T-source inverter, T-source inverter and Z source Inverter	International Journal on Intelligent Electronics Systems ISSN: 0973-9238	11/1/01-07	2017	Google Scholar	-

