

Sl.No.	Year	Authors	Title	Journal Details
1.	2015	Sundareswaran, K, Sankar, P. ; Nayak, P. ; Simon, S. ; Palani. S	Enhanced Energy Output From a PV System Under Partial Shaded Conditions Through Artificial Bee Colony	IEEE transactions on Sustainable Energy, early access publication, Volume: 6 , Issue: 1 , Jan, 2015. DOI: 10.1109/TSTE.2014.2363521
2.		K. Sundareswaran, V. Vignesh kumar and S. Palani	Application of a combined particle swarm optimization and perturb and observe method for MPPT in PV systems under partial shading conditions	International Journal on Renewable Energy, Volume 75 doi: 10.1016/j.renene.2014.09.044, Pages 308–317, March 2015
3.		Krishnasamy Vijayakumar, Natarajan Kumaresan, Nanjappagounder Ammasaigounden	Speed sensor-less maximum power point tracking and constant output power operation of wind-driven wound rotor induction generators	International Journal on IET Power Electronics, Vol. 8, Issue 1, pp. 33-46 , Nov 2014 DOI: 10.1049/iet-pel.2013.0700
4.		P. Gopakumar, M. Jaya Bharata Reddy and D. K. Mohanta	Adaptive Fault Identification and Classification Methodology for Smart Power Grids Using Synchronous Phasor Angle Measurements	IET Generation, Transmission & Distribution, Vol.09, Issue 2, pp.133-145, March.2015.
5.		Deepak Kumar, D. K. Mohanta and M. Jaya Bharata Reddy	Intelligent optimization of renewable resource mixes incorporating the effect of fuel risk, fuel cost and CO2 Emission	Frontiers in Energy (Springer publication) Vol.09, Issue 1, pp.91-105, March.2015.
6.		C.K.Aravind, G.Saravana Ilango & C. Nagamani	A smooth coordination control for a Hybrid Autonomous Power System (HAPS) with Battery Energy Storage (BES)	Frontiers in energy, Vol. 9, issue. 1, pp. 31-42, Mar. 2015

7.	2014	M. Jaya Bharata Reddy, D.Venkata Rajesh, P. Gopakumar, and D. K. Mohanta	Smart Fault Location for Smart Grid Operation Using Remote Telemetry Unit (RTU) and Computational Intelligence Techniques	IEEE Systems Journal, Vol.08, Issue 4, pp.1260-1271, Dec.2014.
8.		K. Rajbabu, S.Sudha	A novel rule-centric object oriented approach for document generation	Journal of Computers in Industry, Elsevier, Vol. 65 issue 2 , 2014.
9.		D.R. Binu Ben Jose N. Ammasai Gounden Jayashri Ravishankar	Simple power electronic controller for photovoltaic fed grid-tied systems using line commutated inverter with fixed firing angle	International Journal on IET Power Electronics, DOI:10.1049/ietpel.2013.0440 Volume 7, Issue 6, pp. 1424 – 1434, June 2014
10.		Krithiga.S Ammasai Gounden	An improved Power Electronic controller with unity power factor for single-stage grid tied PV systems	International Journal on Arabian Journal of Science and Engineering (Springer), Volume 39, Issue 10, pp 7173-7182, October 2014.
11.		M.JayaBharata Reddy, K. Sagar and D.K Mohanta	Multifunctional Real Time Power Quality Monitoring System using Stockwell Transform A Multifunctional Real Time Power Quality Monitoring System using Stockwell Transform	IET Science Measurement and Technology, Vol.8, Issue 4, pp.155-169, July.2014.
12.		P.Raja, N. Kumaresan and M. Subbiah	An Improved Delta-Star Switching Scheme for Reactive Power Saving in Three-Phase Induction Motors	Accepted for publication in the journal of Frontiers in Energy, , Volume 8, Issue 3, pp 364-370, September 2014
13.		C. K. Aravind, G.Saravana Ilango, C. Nagamani	An energy efficient switching scheme with reduced switching transients for a Wind Driven Induction Generator	International Journal on Electric Power Components and Systems, Vol. 42, No. 16, pp 1826 – 1838 , 2014.

14.	2014	K.Sundareswaran and P. Srinivasa Rao Nayak	Optimization of Induction Motor Soft-Starting Through Artificial Immune System	Electric Power Components and Systems
15.		S. Senthil kumar, N. Kumersan, M.Subbiah and Mahendhar rageeru	Modelling, analysis and control stand-alone self excited induction generator – PWM rectifier systems feeding constant dc voltage applications	International Journal On IET Generation, Transmission & Distribution, Volume 8, Issue 6, Pages 1140-1155, June 2014
16.		Pankaj Raghav. P , Ramesh.K.Govindarajan and G.Saravana Ilango	A Control Scheme with Performance Prediction for a PV fed Water Pumping System	International Journal On Springer, Frontiers in energy, Vol. 8, Issue 4, pp 480 – 489, Dec 2014.
17.		Kevin Ark Kumar, K. Sundareswaran and P.R. Venkateswaran	Performance study on a grid connected 20 kW solar photovoltaic installation in an industry in Tiruchirappalli (India)	Energy for Sustainable Development, DOI : 10.1016/j.esd.2014.10.002, 23:294-304, 01 ST DEC 2014
18.		M.Venkata Kirthiga and S.Arul Daniel	Computational Techniques for Micro-grid Load Flow Analysis	ISRN Power Engineering, Vol. 2014, Article ID. 742171, 12 pages
19.		Krithiga .S, Ammasai Gounden .N	Investigation of an improved PV system topology using multilevel boost converter and line commutated inverter with solutions to grid issues	Simulation modeling practice and theory (Elsevier), March 2014, Vol. 42.
20.		P. Gopakumar, M. Jaya Bharata Reddy and D. K. Mohanta	Stability Concerns in Smart Grid with Emerging Renewable Energy Technologies	International Journal on Electric Power Components & Systems (Taylor & Francis Publications), Vol.42, Issue 3-4, pp.418-425, Feb.2014.

21.	2014	K.Sundareswaran, P. Srinivasa Rao Nayak	Particle swarm optimization based feedback controller design for induction motor soft-starting	Australian Journal of Electrical & Electronics Engineering , Vol. 11, No. 1, 2014: 55-63
22.		Srinivasa Rao. P, G.Saravana Ilango and C. Nagamani	Maximum Power from PV Arrays Using a Fixed Configuration Under Different Shading Conditions	IEEE journal of photovoltaics, Volume: Issue: 2, Pg. No. 679 – 686 MARCH 2014 .
23.		Alarmel Mangai, N. Ammasai Gounden	PCA-Based Learning for Preceding Vehicle Classification	IET Intelligent Transport Systems, , vol.8(1), pp.28-35, 2014. (SCI - 1751-956X)
24.		K.Sundareswaran, Devi V, S. Sankar, P. Srinivasa Rao Nayak, P. Sankar	Feedback controller Design for a Boost Converter Through Evolutionary Algorithms	IET Power Electronics, Volume 7, Issue 4, April 2014, pp. 903 – 913, DOI: 10.1049/iet-pel.2013.0266
25.		K Arthishri, R Balasubramanian, Parkavi Kathirvelu, Sishaj P Simon, Rengarajan Amirtharajan	Maximum Power Point Tracking of Photovoltaic Generation System using Artificial Neural Network with Improved Tracking Factor.	Journal of Applied Sciences, vol. 14 Issue 16, 2014/8/15.
26.		K Chandrasekaran, Sishaj P Simon, NP Padhy	Multi-objective REED problem based on minimum deviation index using Cuckoo search algorithm	International Journal of Engineering, Science and Technology, vol. 6 Issue 2, 2014/3/11

27.	2014	K Chandrasekaran, Sishaj P Simon, Narayana Prasad Padhy	SCUC problem for solar/thermal power system addressing smart grid issues using FF algorithm	International Journal of Electrical Power & Energy Systems, Vol. 62 Pages 450-460, 2014/11/30
28.		SMITHA ELSA Peter, I JACOB Raglend, SISHAJ P Simon	An Architectural Frame Work of ANN Based Short Term Electricity Price Forecast Engine for Indian Energy Exchange Using Similar Day Approach	International Journal of Research in Engineering & Technology (IMPACT: IJRET) ISSN(E): 2321-8843; ISSN(P): 2347-4599 Vol. 2, Issue 4, Apr 2014, 111-122
29.		S.Raghavendran, B.Chitti Babu	Performance Improvement of Soft Switching DC-DC Boost Converter for Photovoltaic (PV) Applications	Journal Of Low Power Electronics, vol 10, pp. 58-64, April 2014 [DOI:10.1166/jolpe.2014.1295]
30.		Krithiga.S, N. Ammasai Gounden	A Power Electronic Configuration for the operation of PV System in Combined Grid-Connected and stand-alone modes	IET-Power Electronics DOI 10.1049/iet-pel.2013.0107
31.		M. A. Asha Rani, C. Nagamani, G.Saravana Ilango and A. Karthikeyan	An Effective Reference Generation Scheme for DFIG With Unbalanced Grid Voltage	IEEE Transactions on Sustainable Energy July 2014 vol.5 no.3, pp.1010-1018.
32.		Nagamani Chilakapati, Sambhav R Jain, Pradhyumna Ravikirthi	A Novel Self-Consistent Model Based Optimal Filter Design for the Improved Dynamic Performance of 3-phase PLLs for Phase Tracking Under Grid Imperfections - Part 1: Theory and Mathematical Basis	J Control Autom Electr Syst, June 2014.

33.	2014	Nagamani Chilakapati, Sambhav R Jain, Pradhyumna Ravikirthi	A Novel Self-Consistent Model Based Optimal Filter Design for the Improved Dynamic Performance of 3-phase PLLs for Phase Tracking Under Grid Imperfections - Part 2: Analysis and Verification	J Control Autom Electr Syst, June 2014.
34.		S Sreejith, Sishaj P Simon	Cost Benefit analysis on SVC and UPFC in a Dynamic Economic Dispatch Problem	International Journal of Energy Sector Management, Volume 8, Issue 3, 2014/8/26, Pages 10-10.
35.		K Chandrasekaran, Sishaj P Simon, Narayana Prasad Padhy	Cuckoo Search Algorithm for Emission Reliable Economic Multi-objective Dispatch Problem	IETE Journal of Research, Volume 60, Issue 2, Pages 128-138, 2014/3/4.
36.	2013	K. Padmavathi, S. Arul Daniel	Performance analysis of a 3MWp grid connected solar photovoltaic power plant in India	Energy for Sustainable Development , Volume 17, Issue 6, December 2013, Pages 615-625, ISSN 0973-0826.
37.		K.Sundareswaran, Devi V, S. Sankar, P. Srinivasa Rao Nayak, A. Chandra sekar	Feedback controller Design for a Buck Converter Through Evolutionary Algorithms	Australian Journal of Electrical & Electronics Engineering , Vol. 10, No. 4, 2013: 459-466
38.		P. Gopakumar, G. Surya Chandra, M. Jaya Bharata Reddy , D. K. Mohanta	Optimal Redundant Placement of PMUs in Indian Power Grid – Northern, Eastern and North-Eastern Regions	Frontiers in Energy (Springer publication), Vol.7, Issue 4, pp. 413-428, Dec. 2013.

39.	2013	P. Gopakumar, G. Surya Chandra, M. Jaya Bharata Reddy , D. K. Mohanta	Optimal Placement of PMUs for the Smart Grid Implementation in Indian Power Grid - A Case Study	Frontiers in Energy (Springer publication), Vol.7, Issue 3, pp. 358-372, Sep. 2013.
40.		M.Venkata Kirthiga, S.Arul Daniel, S.Gurunathan	A Methodology for Transforming an Existing Distribution Network	IEEE Transactions on Sustainable Energy, Vol.4, Issue 1.pp.31-41, Jan-2013.
41.		B.Indu Rani, M.Srikanth, G.Saravana Ilango, C.Nagamani	An active islanding detection technique for current controlled inverter	Elsevier Renewable Energy, vol 51, pp. 189-196.
42.		M.M.Rajan Singaravel , S. Arul Daniel.	Studies on Battery Storage Requirement of PV Fed Wind-Driven Induction Generators.	Energy Conversion and Management (Elsevier), vol. 67 (2013), pp. 34-43
43.		C. Christopher Columbus, Sishaj P Simon	Nodal-Based Ant Colony Optimization For Profit Maximization Of Gencos In A Distributed Cluster Model	Applied Artificial Intelligence, Taylor and Francis Publisher, Vol.27, Issue 2, 2013, pp.86-103.
44.		K. Chandrasekaran, Sishaj P Simon	Optimal Deviation based Firefly Algorithm Tuned Fuzzy Design for Multi-Objective UCP	IEEE Transaction of Power System, Vol1 28, Issue No 1 Feb 2013, pp. 460-471.
45.		K.Chandrasekaran, Sishaj P Simon	Development of Sustainable Energy on Generation System Leads to Eco-Friendly Society	Sustainable Cities and Society, Elsevier publications, Vol 8, Oct 2013, pp1-15. (Available online)

46.	2013	S.Sreejith, Sishaj P Simon, M.P.Selvan	Optimal Location of IPFC using ABC Algorithm	Achieves in Electrical Engineering, Vol 62, 2013, pp.91-110.
47.		M.JayaBharata Reddy, D.Venkata Rajesh, D.K.Mohanta	Robust Transmission Line Fault Classification Using Wavelet Multiresolution Analysis	Computers and Electrical Engineering (Elsevier publication), Vol.39,Issue 4, pp. 1219-1247,May 2013.
48.		C. Christopher Columbus, Sishaj P Simon	Profit based unit commitment for GENCOs using Parallel NACO in a distributed cluster	Swarm and Evolutionary Computing, Elsevier Publications (Available online from Jan 2013)).
49.		Santosh Kulkarni , Sishaj P Simon, K Sunderewaran	Spiking Neural Network Forecast Engine for Short Term Electrical Load Forecasting	Applied Soft Computing, Elsevier Publications, Vol.13, Issue 8, August 2013, Pages 3628-3635
50.		M. Jaya Bharata Reddy, Karthik Chandra B , D. K. Mohanta	Condition Monitoring of 11 kV Distribution System Insulators Incorporating Complex Imagery Using Combined DOST-SVM Approach	IEEE Transactions on Dielectrics and Electrical Insulation, Vol.20,Issue 2 pp. 664-674, April 2013.
51.		M. Jaya Bharata Reddy, Rama Krishnan Raghupathy, D.K. Mohanta,K.P. Venkatesh ,	Power quality analysis using Discrete Orthogonal S-transform (DOST)	International Journal of Digital Signal Processing (Elsevier Publication), Vol.23,Issue 2 pp. 616-626, 2013, March 2013.
52.			D. R. Binu Ben Jose, N. Ammasai Gounden,	A unified power electronic controller for wind driven grid connected wound rotor

		Raavi Sri Naga Ramesh	induction generator using line commutated inverter	
53.	2013	M. Alarmel Mangai, N. Ammasai Gounden	Subspace-based clustering and retrieval of 3-D objects	Computers & Electrical Engineering, Volume 39, Issue 3, April 2013, Pages 809-817.
54.		K. Chandrasekaran, Sishaj P Simon	Binary Real Coded Firefly Algorithm for Unit Commitment problem	International Journal of Information Science (Elsevier Publication) 8 june 2013.
55.		K Sundareswaran Devi V, S Sankar P Srinivasa Rao Nayak, A Chandrasekar	Feedback controller Design for a Buck Converter Through Evolutionary Algorithms	Australian Journal of Electrical & Electronics Engineering (Accepted for publication). (ISSN:1448-837X)
56.		K. Vijayakumar, N. Kumaresan, N. Ammasai gounden	Operation of inverter assisted wind-driven slip-ring induction generator for stand-alone power supplies	IET Electric Power Applications, Volume 7, Issue 4, April 2013, p. 256 – 269
57.		K. Vijayakumar, N. Kumaresan, N. Ammasaigounden, Sarath B. Tennakoon	Real and Reactive power control of hybrid excited wind-driven grid-connected DFIGs	IET Power Electronics, Vol.6, Issue. 6, July 2013, pp.1197-1208
58.			B.Indu Rani, G.Saravana Ilango,	Enhanced Power Generation from PV Array under Partial Shading Conditions

		C.Nagamani	by Shade Dispersion Using Su Do Ku Configuration	
59.	2013	K.Sundareswaran, P.shankar	Development of two novel power electronic circuits for dynamic braking of motors	Electric power Components and Systems,29 july 2013.
60.		P. Raja, M.P. Selvan, N. Kumaresan	Enhancement of Voltage Stability Margin in Radial Distribution System with Squirrel Cage Induction Generator based DGs	IET Generation, Transmission & Distribution, Vol.7, Issue.8, 2013, pp.898-906, August 2013
61.		B.Indu Rani, G.Saravana Ilango, C.Nagamani	Control Strategy for power flow management in a PV system supplying DC loads	IEEE Transactions on Industrial Electronics, vol. 60, no. 8, pp. 3185-3194 , Aug 2013.
62.		V.Sankaranarayanan ,Arun.D.Mahindrakar	Configuration constrained stabilization of a wheeled mobile robot - Theory and Experiment	IEEE Transactions on Control System Technology ,VOL. 21, NO. 1, JANUARY 2013 275.
63.		2012	K. Sundareswaran , S. Sankar	Buck-Boost Converter Controller Design using Queen-bee Assisted GA
64.	K.Sundareswaran, P.S.Nayak		Ant colony based feedback controller design for soft-starter fed induction motor drive	Applied Soft Computing, Elsevier, Vol. 12, No. 5, May 2012, pp. 1566-1573.

65.	2012	B.Indu Rani , C.Nagamani G.Saravana Ilango	A power flow management algorithm for photovoltaic systems feeding DC/AC loads	Elsevier Renewable Energy, vol 43, pp. 267-275.2012
66.		P. Raja, N. Kumaresan, M. Subbiah	A Closed Loop System for Inverter Assisted Wind Driven Induction Generators for Supplying Isolated Loads	International Review of Automatic Control (Theory and Applications), Vol.5, No.4, July 2012.
67.		K. Sundareshwaran , V.Devi	Feedback Controller Design for a Boost Converter through a colony of foraging ants	Electric Power Components and Systems, Vol 40, pp 672-690, 2012. (ISSN:1532-5008)
68.		A. Deenadayalan, Chintala Dhananjai, G. Saravana Ilango	Modified sliding mode observer for wide speed range operation of brushless DC motor	Frontiers of Electrical and Electronic Engineering, Higher Education Press and Springer-Verlag Berlin Heidelberg
69.		S.Senthil Kumar, N.Kumaresan, N. Rakesh, K.Vijayakumar, M. Subbiah	Wind-driven SEIGs for supplying isolated loads employing DSP based power electronic controllers	International journal of Wind Engineering, Vol.36 , No.6, 2012, pp.739-757.
70.		S.Senthil Kumar, N. Kumaresan, N.AmmasaiGounden, Namani, Rakesh	Analysis and control of wind-driven self-excited induction generators connected to the grid through power converters	Frontiers in Energy, Vol 6, No.4, pp. 403-412, December 2012.

71.	2012	P. Raja, N. Kumaresan, M. Subbiah	Grid-connected Induction Generator using Delta-Star Switching of the Stator Winding with a Permanently Connected Capacitor	International journal of Wind Engineering, Vol.36, No.2, 2012, pp.219-232.
72.		K. Vijayakumar, N. Kumaresan, K. Amara Bhagavan, N.Ammasaignunden	A DSP based closed loop controller for power smoothing operating of wind-driven WRIG systems	International Review on Modelling and Simulations, Vol. 5, No. 1, pp. 185-192.
73.		K. Vijayakumar, N. Kumaresan , N. Ammasaignunden	Operation and closed-loop control of wind-driven stand-alone DFIGs using single inverter-battery system.	IET Elect. Power Appl.Vol. 6, Issue. 3, pp. 162-171.
74.		Arungalai Vendan,S, Manoharan. S, Nagamani, C Buvanashakaran, G.	Strength Assessment Using Destructive Testing On MIAB Welded Alloy Steel Tubes And Subsequent Techno-Economical Evaluation	Journal of Manufacturing Processes, January 2012.
75.		Karthikeyan, A, Nagamani. C, G. Saravana Ilango	A Versatile Rotor Position Computation Algorithm for the Power Control of a Grid-Connected Doubly Fed Induction Generator	IEEE Transactions on energy conversion, vol 27, no.3, pp.697-706.
76.		Arungalai Vendan,S, Manoharan. S, C. Nagamani	MIAB welding of alloy steel tubes in pressure parts: Metallurgical characterization and non destructive testing	Journal of Manufacturing Processes, vol 14, Issue 1,Pages 82-88,2012.

77.	2012	Sreejith, S, Sishaj P.Simon, Selvan.M.P	Performance Comparison of FACTS Devices for Steady State Power Flow Control	International Review of Modelling and Simulations, Vol. 5, No. 2, 2012, pp. 576-588
78.		Sreejith, S, Sishaj P.Simon, Selvan.M.P	Optimal Location of Interline Power Flow Controller in a Power System Network using DE Algorithm	International Review of Modelling and Simulations, Vol. 5, No. 2, 2012, pp.690-701
79.		Srinath, S.,Selvan, M.P	UPS Mode Operation of UPQC with Mixed Mode Control	International Review of Automatic Control, Vol. 5, No. 3, 2012, pp. 342-348.
80.		Vinoth Kumar, K. Selvan, M.P	Distributed Generation Planning- A New Approach based on Goal Programming	Electric Power Components and Systems, Vol. 40, No. 5, 2012, pp. 497-512.
81.		Srinath, S., Selvan, M.P	Performance Analysis of UPQC with Heterogeneous Control during Load Power Factor Variation	European Transactions on Electrical Power, Vol. 22, 2012, pp. 937-960.
82.		Karthikeyan,A. Aritra Basu Ray Chaudhury, Nagamani, C. Ilango, G.S	An implicit position and speed estimation algorithm without the flux computation for the rotor side control of Doubly-Fed Induction Motor Drive	IET Electric Power Applications, vol.6 no.4, pp.243-252.
83.		Naizath Amirtharaj J., K. Siddharth, S. Moorthi, N. Kumaresan	Voltage control Scheme for a Single Phase Voltage Source Inverter (VSI) using FPGA	Australian Journal of Electrical and Electronics Engineering, Vol. 9, Issue. 2, 2012, pp. 197–207.
84.		B. Vasumathi, S. Moorthi	Implementation of hybrid ANN–PSO algorithm on FPGA for harmonic estimation	Engineering Applications of Artificial Intelligence, Elsevier Ltd., April 2012.

85.	2012	K. Chandrasekaran, Sishaj P Simon	Multi-Objective UCP with Reliability Function using Fuzzified Binary Real Coded Artificial Bee Colony Algorithm	IET Generation, Transmission and Distribution, Vol. 6, Issue 10, pp. 1060-1073, June 2012.
86.		K. Chandrasekaran, S. Hemamalini, Sishaj P Simon, N.P. Padhy	Thermal unit commitment using binary/real coded artificial bee colony algorithm	Electric Power Systems Research, Elsevier publications, Vol. 84, No. 1, pp. 109-119, 2012.
87.		K.Chandrasekaran, Sishaj P Simon	Network and Reliability Constrained Unit Commitment Problem using Binary Real Coded Firefly Algorithm	Electrical Power and Energy Systems, Elsevier publications, Vol. 43, No. 1, pp. 921-932, 2012.
88.		C. Christopher Columbus , K. Chandrasekaran, Sishaj P. Simon	Nodal ant colony optimization for solving profit based unit commitment problem for GENCOs	Applied Soft Computing, Elsevier publications, Vol. 12, No. 1, pp. 145-160,2012.
89.		K.Chandrasekaran Sishaj P Simon	Multi-objective scheduling problem: Hybrid approach using fuzzy assisted cuckoo search algorithm	Swarm and Evolutionary Computation, Elsevier publications, Vol. 5C, pp. 1-16, 2012.
90.		S Hemamalini Sishaj P. Simon	Emission Constrained Economic Dispatch with Valve-Point Effect Using Maclaurin Series Based Lagrangian Method	International Journal of Power and Energy Conversion, Inderscience Publishers Ltd, Vol. 3, Nos. 1/2, 2012
91.		K.Chandrasekaran, Sishaj P Simon	Firefly Algorithm for Reliable/Emission/Economic Dispatch Multi Objective Problem	International Review of Electrical Engineering (I.R.E.E.), Praise Worthy Prize Publication, Vol. 7, No. 1, Part A, pp. 199-210, 2012

92.	2012	S.Krithiga, DRBB JOSE, Rupadhaya , N. Ammasai Gounden	Grid-tied photovoltaic array using power electronic converters with fuzzy logic controller for maximum power point tracking	(AJEEE) Australian Journal of Electrical and Electronics Engineering, Vo1.9,No.4,2012;pp393-400
93.		C. Christopher Sishaj P Simon	Profit based Unit Commitment: A parallel ABC approach using a Workstation Cluster	Computers and Electrical Engineering, Elsevier Science Ltd (Accepted) (Impact factor: 0.5)
94.		S. Sudha , N.Ammasaignunden	An aggregate marker for bandwidth fairness in DiffServ	Journal of Network and Computer Applications, Vol.35,No.6 (Elsevier), 2012, pp.1973–1978.
95.	2011	Geetha Krishnan, N. Ammasai Gounden	SAT- A Split – Up Cache Model to Boost the Performance of Web Cache Replacement Policies	Cybernetics and Information Technologies , Vol.11,No.4, 2011, pp.71-79
96.		R. Karthigaivel, N. Kumaresan, M. Subbiah	Analysis and control of self-excited induction generator-converter systems for battery charging applications	IET Electr. Power Appl., Vol. 5, Issue. 2, 2011, pp. 247–257.
97.		Karthikeyan, A, Nagamani. C, G. Saravana Ilango, Sreenivasulu.A	Hybrid, open-loop excitation system for a wind turbine-driven stand-alone induction generator	Renewable Power Generation, IET,vol.5,no.2, pp.184-193, March 2011

98.	2011	Alarmel Mangai, N. Ammasai Gounden	Classification of 3-D objects and faces employing view-based clusters	Computers and Electrical Engineering (Elsevier), Vol. 37 Issue 5 , 2011, pp.824-833.
99.		S. ArungalaiVendan, S. Manoharan, G. Buvanashakaran C. Nagamani	Magnetically Impelled Arc Butt Welding of alloy steel tubes in boilers – Establishment of parameter window	Mechatronics, vol. 21, Issue 1, Pages 30-37.2011
100.		Karthikeyan A., Nagamani.C. Ilango G.S. , Sreenivasulu A.	Hybrid, open-loop excitation system for a wind turbine-driven stand-alone induction generator	IET Renewable Power Generation, vol. 5, no. 2, pp. 184–193, 2011
101.		M. Jaya Bharata Reddy, B. Karthik Chandra, D. K. Mohanta	A DOST Based Approach for the Condition Monitoring of 11 kV Distribution Line Insulators	IEEE Transactions on Dielectrics and Electrical Insulation, Vol. 18, Issue 2, pp. 588-595, April 2011.
102.		M. Jaya Bharata Reddy D. K. Mohanta,	A Modular Approach for Classification and Location of Arcing and Non-Arcing Faults on Transmission Lines	International journal of Energy Technology and Policy,(Inderscience publication.),Vol. 7, No.4, pp. 309-324, 2011.
103.		Vijay Muralidharan, Arun D. Mahindrakar Sankaranarayanan Velupillai	A Constructive Method for Designing Higher Order Sliding Surfaces for Single-Input Nonlinear System	In the proceedings of 18th IFAC World Congress, Milano, Italy., 2011
104.		K. Sundareshwaran., V.Devi	Performance evaluation of energy efficient speed control techniques for capacitor-run single-phase induction motor driving domestic fans	Electric Power Components and Systems , vol-39, pp. 331-345, 2011. (ISSN:1532-5008)

105.	2011	N. Rajasekar S. Palni	efficient speed control techniques for capacitor-run single-phase induction motor driving domestic fans	Systems , vol-39, pp. 331-345, 2011. (ISSN:1532-5008)
106.		K. Sundareshwaran ., V.Devi	Application of a modified particle swarm optimization technique for output voltage regulation of Boost Converter	Electric Power Components and Systems, Vol 39, 2011, pp 288-300. (ISSN:1532-5008)
107.		Srinath, S. , Selvan, M.P	A Combined Mode of Control for UPQC Connected to a Low Voltage Distribution System	Australian Journal of Electrical and Electronics Engineering, Vol. 8, No. 3, 2011.
108.		Srinath, S. Selvan, M.P	Effect of Reference Generation Schemes on the Performance of Shunt Active Filter : A Comparison	Advances in Electrical Engineering and Electrical Machines, Springer Lecture Notes in Electrical Engineering Vol. 134, 2011, pp.253-259.
109.		Vinoth Kumar. K. ., Selvan, M.P	Novel Coordinated Converter Control (3C) Strategy for Enhancement of Fault Ride Through Capability of DFIG Based Windfarm	Electric Power Components and Systems, Vol. 39, No. 14, 2011, pp. 1493-1506.
110.		Vinoth Kumar. K., Selvan, M.P	Fuzzy Embedded Genetic Algorithm Method for Distributed Generation Planning	Electric Power Components and Systems, Vol. 39, No. 4, February 2011, pp. 346-366.
111.		Vinoth Kumar. K., Selvan, M.P	Capacity Evaluation and Identification of Grid Integration Points of Distributed Generation in Distribution System	Australian Journal of Electrical and Electronics Engineering, Vol. 8, No. 2, 2011, pp. 137-153.

112.	2011	Vinoth Kumar. K., Selvan, M.P	Novel Scheme for Enhancement of Fault Ride Through Capability of Doubly Fed Induction Generator based Wind Farms	Energy Conversion and Management, Vol. 52, No.1, January 2011, pp. 2651-2658.
113.		B. Vasumathi ., S. Moorthi	Modified ADALINE algorithm for harmonic estimation and Selective Harmonic Elimination in inverters	International Journal of Electronics, Taylor and Francis, November 2011.
114.		S Hemamalini Sishaj P. Simon	Dynamic economic dispatch using artificial immune system for units with valve-point effect	International Journal of Electrical Power & Energy Systems, Elsevier Science Ltd., Vol. 33, No.4, pp. 868-874, May 2011, . (Impact factor: 1.613)
115.		K. Parvathy ., M.Venkata Kirthiga	Optimal Location and Sizing of Capacitors and Distributed Generators based on Plant Growth Simulation Algorithm in Micro-grids	International Journal of Power Systems and Power Electronics Vol : 4, No : 1, pp: 128 – 133.
116.		K. Padmavathy, S. Arul Daniel	Studies on installing solar water pumps in domestic urban sector.	Sustainable cities and societies (Elsevier), Vol.1, Issue 3, pp.135-141, 2011.
117.		K. Sundareshwaran , V.Devi Nitin S	Design and Development of a feedback controller for Boost Converter using Artificial Immune System	Electric Power Components and Systems, Vol 39, 2011, pp 1007-1018. (ISSN:1532-5008)

118.	2010	K. Sundareshwaran N. Rajasekar S. Palni	Performance evaluation of energy efficient speed control techniques for capacitor-run single-phase induction motor driving domestic fans	Electric Power Components and Systems , vol-39, pp. 331-345, 2011. (ISSN:1532-5008)
119.		H. Habeebullah Sait , S. Arul Daniel	A New Control Paradigm for Integration of Photovoltaic Energy Sources with utility network	International Journal of Electrical power and Energy Systems(Elsevier), Volume 33, Issue 1, pp. 86-93, 2011.
120.		S.Sudha, N.Ammasaignunden	A new TSW Based Marker for Bandwidth Fairness between Aggregates in Diffserv	International Journal of Computer Sciences and Engineering Systems (IJCSES), Vol.4, No.3, 2010 pp.235-241.
121.		S Hemamalini Sishaj P. Simon	Artificial Bee Colony Algorithm for Economic Load Dispatch with Valve-point Effect	Electric Power Components and Systems, Taylor and Francis, Vol.8, Issue No.8, pg. 86-803, January 2010
122.		S Hemamalini Sishaj P. Simon	Dynamic Economic Dispatch Using Artificial Bee Colony Algorithm for Units with Valve-Point Effect	European Transactions on Electrical Power, Wiley Inter Science, Vol.21,26 feb 2010.
123.	K. Chandrasekaran Sishaj P Simon	Reliability Constrained Price Based Unit Commitment using Genetic Algorithms	International Journal of Engineering, Computer Science and Mathematics, Serial	

	2010			Publications, <i>ISSN: 0976-6146</i> , Vol.1, issue No.1, Pg. 81-93, June 2010.
124.		S Hemamalini Sishaj P. Simon	Dynamic economic dispatch with valve-point effect using Maclaurin series based Lagrangian method	International Journal of Computer Applications, No 17, Article 12, 2010, pg 71-78
125.		G. Saravana Ilango, P. Srinivasa Rao, A. Karthikeyan , C.Nagamani	Single stage sine-wave inverter for an autonomous operation of solar photovoltaic energy conversion system	Renewable energy, Vol.35, No.1, Jan 2010, pp.275-282
126.		Vinoth Kumar. K, . Selvan. M.P	Enhanced Fault Ride-through Scheme for Mitigating Rotor Speed Instability of Doubly Fed Induction Generator Based Wind Farms	Wind Engineering, Vol. 34, No. 4, August 2010, pp. 445-460.
127.		Selvan. M.P	Object Oriented Optimal Power Flow-A New Approach Based on Design Patterns	Electric Power Components and Systems, Vol. 38, No.2, January 2010, pp. 197-211.
128.		S. ArungalaiVendan, S. Manoharan, C. Nagamani G. Buvanashakaran	Experimental and Statistical Analysis of Impact of various parameters on Arc	Journal of Experimental Techniques, Society for Experimental Mechanics, Inc. vol. 34, Issue 4, pages 40–48 2010

	2010		Rotation in MIAB Welding Process by developing a Laboratory Module	
129.		Vinoth Kumar. K. , Selvan. M.P	Effect of Distributed Generator Model on Placement of Multiple DGs in Radial Distribution System	Electrical India, Vol. 50, No. 8, August 2010, pp. 130 – 136.
130.		S Hemamalini Sishaj P. Simon	Dynamic Economic Dispatch Using Maclaurin Series Based Lagrangian Method	Energy Conversion and Management, Elsevier Science, Vol. 51, Issue No.11, pg.2212-2219, November 2010 (Impact factor: 2.054)
131.		Vinoth Kumar, K. Selvan. M.P	Control Scheme for Mitigation of Output Power Fluctuations in Grid Connected Wound Rotor Induction Generator	Wind Engineering, Vol. 34, No. 5, October 2010, pp. 579-594.
132.		Vinoth Kumar.K, Selvan. M.P	Grid Integration of Distributed Generation-Consequences on Node Voltage under Grid Perturbations	Wind Engineering, Vol. 34, No. 6, December 2010, pp. 629-650.
133.	V. Sankaranarayanan Arun D. Mahindrakar, Apilash P M	Output feedback second-order sliding mode control of the cart on a beam system	International Journal of Robust and Nonlinear Control, Volume 20, Issue 5, Pages 561-570. 2010	

134.	2010	K.Sundareshwaran , V.Devi, S.K.Nadeem , V.T.Sreedevi ,S.Palani	Buck-boost converter feedback controller design via evolutionary search	International Journal of Electronics Vol 97, pp. 1317-327, 2010. (ISSN:0020-7217)
135.		S. Arul Daniel, N. Ammasai Gounden	Simulation of photovoltaic array driven electric machines with power electronic interfaces	Simulation: Transactions of the Society for Modelling and Simulation international, vol. 86, No.11, pp. 699 – 711, 2010.
136.		H. Habeebullah Sait S. Arul Daniel	A Novel Feed-Forward and Feed-Back Control of a VSI for Variable Speed Wind-Driven PM Alternators	International Journal of Power Electronics, Vol. 2, No.2 pp. 200 – 214, 2010 (Inderscience).
137.		Saravana Ilango Ganesan Srinivasa Rao P Karthikeyan Anbalagan	Single stage sine-wave inverter for an autonomous operation of solar photovoltaic energy conversion system	International Journal of Renewable Energy, vol. 35, 1, pp. 275 – 282, 2010.
138.	2009	R. Karthigaivel, N. Kumaresan, P. Raja M. Subbiah	A novel unified approach for the analysis and design of Wind-driven SEIGs using nested GAs	International journal of Wind Engineering, Vol.33, No.6, 2009, pp.631-647.
139.		S.Arungalai Vendan, S. Manoharan, G. Buvanashakaran C.Nagamani	Development of a MIAB welding module and experimental analysis of rotational behavior of arc –Simulation of electromagnetic force distribution during MIAB welding of Steel pipes using Finite Element Analysis	Springer journal The International Journal of Advanced Manufacturing Technology vol. 43,11-12, 1144-1156, DOI:10.1007/s00170-008-1793-2009.

140.	2009	M. Jaya Bharata Reddy D. K. Mohanta,	A Wavelet- Support Vector Machine Combined Approach for Location of Transmission Line Faults	Australian Journal of Electrical & Electronics Engineering, Vol.6, No.1, 2009.
141.		K. Sundareswaran, V. Devi , Shashikant Kaul, N. Rajasekar , S. Palani	Optimal feedback controller design for a buck converter using Gaussian type pheromone profile	European Transactions on Electrical Power, Vol 20, pp. 979-993, 2009. (ISSN:1430-144X)
142.		K.Sundareswaran , V.T.Sreedevi	Inverter Harmonic Elimination using Honey Bee Intelligence	Australian Journal of Electrical and Electronics Engineering, Vol. 6, No. 2, pp. 153-164,2009. (ISSN:1448-837X)
143.		M. Arutchelvi S. Arul Daniel	Grid connected hybrid dispersed power generators based on PV array and wind-driven induction generator	Journal of Electrical Engineering Elektrotechnicky casopis, pp. 313–320, Vol. 60, No. 6, 2009
144.		S Hemamalini Sishaj P. Simon	Maclaurin Series Based Lagrangian method for Economic Dispatch with Valve-Point Effect	IET Generation Transmission and Distribution, Vol. 3, Issue No.9, pp. 859-871, September 2009
145.		K.Sundareswaran , V.T.Sreedevi	Design and Development of Feed-back Controller for a Boost Converter using a Colony of Foraging Bees	Electric Power Components and Systems, Vol.37,No.5,pp.465-477, May 2009. (ISSN:1532-5008)
146.		K.Sundareswaran V.T.Sreedevi	Boost converter controller design using Queen Bee assisted GA	IEEE Transcations on Industrial Electronics, Vol. 56, No. 3, pp. 778-783, March 2009. (ISSN:0278-0046)

147.	2009	V. Sankaranarayanan and Levent Guvenc	Laser scanners for driver-assistance systems in intelligent vehicles	IEEE Control System Magazine, April 2009, pages 17-19
148.		V. Sankaranarayanan, Arun D. Mahindrakar	Stabilization of a class of under actuated mechanical systems using sliding modes	IEEE Transactions on Robotics, Volume 25, 2009, pages 459-467.
149.		V. Sankaranarayanan Arun D. Mahindrakar	Switched control of nonholonomic autonomous mobile robot	Communications in Nonlinear Science and Numerical Simulation, Elsevier publication, Volume 14, 2009, pages 2319 - 2327.
150.		G. Saravana Ilango, K. Samidurai, M. Roykumar, K. Thanushkodi	Energy efficient power electronic controller for a capacitor-run single-phase induction motor	Energy Conversion and Management, Volume 50, Issue 9, September 2009, Pages 2152-2157
151.		G.Saravana Ilango , N.Rajasekar.	An improved energy saving v/f control technique for solar powered single phase induction motor	Energy Conversion and Management, Vol.50, No.12, Dec. 2009, pp.2913-2918. 2009.
152.	G. Saravana Ilango, C. Nagamani, A.V.S.S.R. Sai, D. Aravindan	Control algorithms for control of real and reactive power flows and power oscillation damping using UPFC	Electric Power Systems Research, Vol. 79, Issue 4, April 2009, pp- 595-605.	

153.	2009	Ammasai Gounden, Sabitha Ann Peter, Himaja Nallandula, S. Krithiga	Fuzzy logic controller with MPPT using line-commutated inverter for three-phase grid-connected photovoltaic systems	Renewable Energy(Elsevier), 2009, 34, pp. 909–915.
154.		Moorthi S, Meganathan D. Janarthanan , D. Praveen Kumar, P Raja Paul Perinbam J	Low Jitter ADPLL based Clock Generator for High Speed SoC Applications	International Journal of Electronics, Taylor and Francis, November 2009.
155.		S. Arungalai Vendan, S. Manoharan, C.Nagamani G. Buvasashekarani	Some Studies on the Electromagnetic Aspects Governing the Magnetically Impelled Arcs through Experimentation, Finite Element Simulation and Statistical Analysis	International Journal of Applied Electromagnetics and Mechanics (2009) vol. : 31, Issue: 2, Publisher: IOS Press, Pages: 113-126,ISSN: 13835416
156.		S Arungalai Vendan, S. Manoharan, C.Nagamani, G. Buvasashekarani.	Simulation of Magnetic Flux Distribution for Magnetically Impelled Arc Butt Welding of Steel Pipes	International Journal of Multidiscipline Modeling in Materials and Structures (MMMS),Vol 5,pp. 229-234(6).2009
157.	2009	H. Habeebullah Sait S. Arul Daniel	Modulation index control of a SPWM inverter fed from an Autonomous Hybrid Wind-driven PM alternator and Photovoltaic Array	Australian Journal of Electrical and Electronics Engineering, pp 191-203, Vol.6 No.2. 2009 (Institution of Engineers, Australia).
158.		S. Arungalai Vendan, S. Manoharan, G. Buvasashekarani C. Nagamani	Magnetic Flux Distribution modeling of Magnetically Impelled Arc Butt Welding of Steel tubes using Finite Element Analysis	Journal of Mechanical Engineering Science vol. 222,pp. 1783-1790(8).

159.		D.Meganathan, S. Moorthi Amrith Sukumaran. M , M. Dinesh Babu, , R. Deepalakshmi	A systematic design approach for low-power 10-bit 100 MS/s pipelined ADC	Microelectronics Journal, Elsevier Ltd.,Vol. 40, Issue 11, October 2009.
160.	2008	G.Saravana Ilango , C.Nagamani	A Non Linear Control Technique for Unified Power Flow Controller Based on Feed-Back Linearization	Electric Power Components and Systems, 2008, Vol: 36, Isssue: 4, pp-432-447
161.		V. Sankaranarayanan, M. Engin Emekli, Bilin Aksun Guvenc, Levent Guvenc, E. Serdar Ozturk, S ,. Server Ersolmaz, I. Erhan Eyol andMustafa Sinal	Semi-Active Suspension Control of a Light Commercial Vehicle	IEEE Transactions on Mechatronics, Volume 13, No 5, 2008.
162.		Arun D. Mahindrakar V. Sankaranarayanan	State constrained stabilization of beam-balance systems	International Journal of Robust and Nonlinear Control, Volume 18, 2008, pages 333-350.
163.		G.Saravana Ilango, C.Nagamani , A.V.S.S.R.Sai	Laboratory Implementation of Feed-Back Linearization Controller for Independent Control of Real and Reactive power	Australian Journal of Electrical and Electronics Engineering, Australia.,2008 Vol 5,No 1,pp 43-53.
164.		V. Sankaranarayanan, Arun D. Mahindrakar Ravi N. Banavar	A switched controller for an underactuated underwater vehicle”,Communications in Nonlinear Science and Numerical Simulations	Elsevier publication, Volume 13, 2008, pages 2266 - 2278.

165.	2008	G.Saravana Ilango, C.Nagamani , M.Lalithkumar	A New control Approach for UPFC Based on State Feedback Technique	The Journal of Central Power Research Institute” in 2008,Vol. 4, No. 1, pp. 35-41.
166.		Vinoth Kumar. K, Selvan. M.P	A simplified approach for load flow analysis of radial distribution network.	International Journal of Computer, Information, and Systems Science and Engineering, Vol. 2, No. 4, fall 2008, pp. 271-282.
167.		Moorthi S., Meganathan. D., Ammasai Gounden. N. , Raja paul perinbam J	A Wide Bandwidth Fast Locking CMOS Delay Locked Loop For System On-chip Applications	International Journal of Systemics, Cybernetics and Informatics, pp. 33-36, 2008.
168.		S. Arungalai , C.Nagamani Vendan, S. Manoharan , G. Buvanashakaran	Investigation of weld parameters in MIAB welding process by developing a module - Validation using Finite Element Analysis.	International Journal of Manufacturing Engineering, vol 9, 24-29, 4/2008.
169.		2008	D. Meganathan, S. Moorthi, Amrith Sukumaran, M. M. Dinesh Babu, J. Raja Paul Perinbam	A 52.6 mW 10-bit, 100 MS/s Pipelined CMOS Analog-To-Digital Converter
170.	S.Sudha, N.Ammasaignunden		A new Token Allocation Algorithm for TCP Traffic in Diffserv Network	International Journal of the Computer ,the Internet and Management, Vol.16, No.3, 2008, pp.41-47.

171.	2007	K.Sundareswaran, Krishna Jayant, T.N.Shanvas	Inverter harmonic Elimination through a colony of continuously exploring ants	IEEE Transactions on Industrial Electronics, Vol.54, No. 5, pp. 2558-2565, Oct. 2007. (ISSN:0278-0046)
172.		M. Arutchelvi , S. Arul Daniel	Composite controller for a hybrid power plant based on PV array fed wind-driven induction generator with battery storage	International Journal of Energy Research, pp.515–524 Vol.31, April 2007.
173.		V. Sankaranarayanan , Levent Gven	Tire Pressure Monitoring	IEEE Control System Magazine, Volume 27, issue 6, Dec. 2007, pages 22-25.
174.		K. Dhanasekaran, N. Kumaresan, M. Subbiah	abc-dq modeling and simulation of wind-driven self-excited induction generators	Australian Journal of Electrical & Electronics Engineering, vol.3, No.3, 2007, pp.235-248.
175.	2007	K.Sundareswaran.	Line Current Harmonic Elimination and Voltage Control of PWM AC/DC Converter Using Hybrid Genetic Algorithm	Electric Power Components and Systems, Volume 35, Issue 2, 2007. (ISSN:1532-5008)
176.		Moorthi S, Sindhuja S, Anuradha R. ,	Low Jitter Analog Phase Locked Loop Using Differential VCO	International Journal of Systemics, Cybernetics and Informatics, pp. 66-68, 2007

		Raja Paul Perinbam J		
177.	2006	M.Arutchelvi S. Arul Daniel	Voltage control of autonomous hybrid generation scheme based on PV array and wind-driven induction generators	Electric power components and systems, pp.759-773, Vol. 34, No.7, July 2006.
178.		S. P. Simon, N. P. Padhy , R. S. Anand	A new ant colony system model for unit commitment problem	Water and Energy International Journal, Central Board of Irrigation and Power, New Delhi, Vol.63, No.1, pp. 49-57, January-March 2006.
179.		K.Sundareswaran, N.Rajasekar , V.T.Sreedevi	Performance Comparison of Capacitor Run Induction Motors Supplied from AC Voltage Regulator and SPWM AC Chopper	IEEE Transactions on Industrial Electronics, Vol.53, No. 3, pp.990-993, June 2006. (ISSN:0278-0046)
180.	2006	S. P. Simon, N. P. Padhy , R. S. Anand	An Ant Colony System Approach for Unit Commitment Problem	International Journal of Electrical Power & Energy Systems, Elsevier Science Ltd., Vol. 28, No.5, pp. 315-323, June 2006. (Impact factor: 1.613)
181.		Selvan. M.P, Swarup. K.S	Modelling and analysis of unbalanced distribution system using object-oriented methodology	Electric Power Systems Research, Vol. 76, No. 11, July 2006, pp. 968-979.
182.		Selvan. M.P., Swarup. K.S	Development of power flow software using design patterns	IEEE Transactions on Power Systems, Vol. 21, No. 2, May 2006, pp. 611-618.

183.		Selvan. M.P., Swarup. K.S	Dynamic topology processing in a radial distribution system	IEE Proceedings Part C, Generation, Transmission and Distribution, Vol. 153, No. 2, March 2006, pp. 155-163
184.		Selvan. M.P., Swarup. K.S	Object modelling of balanced and unbalanced distribution systems for power flow analysis	Electric Power Components and Systems, Vol. 34, No. 2, February 2006, pp. 191-215.
185.	2005	S. P. Simon, N. P. Padhy R. S. Anand,	Solution to Unit Commitment Problem with Spinning Reserve and Ramp Rate Constraints Using Ant Colony System	Journal of Energy & Environment, Centre of Energy Studies, Dhaka, Bangladesh pp 21-35, JEE Vol. 4, May 2005
186.	2005	N. Kumaresan	Analysis and control of three-phase self-excited induction generators supplying single-phase ac and dc loads	IEE Proc. Electric Power Applications, Vol. 152, No. 3, May 2005, PP.739-747.
187.		Selvan. M.P. Swarup. K.S	Object Methodology–Method and Design for Topological Processing	IEEE Power & Energy Magazine, Vol. 3, No. 1, January-February 2005, pp. 18-29.
188.		S. Arul Daniel N.Ammasai Gounden	A novel Hybrid Isolated Generating System based on PV fed Inverter assisted Wind-driven Induction Generators	IEEE Transactions on energy conversion, pp 416-422, Vol.19, No.2, June 2004.

189.	2004	K.Sundareswaran A. Pavan Kumar	Voltage Harmonic Elimination In PWM AC Chopper Using Genetic Algorithm	IEEE Proceedings - Electric Power Applications, Vol. 151, No. 1, p.26-31, January 2004. (ISSN:1751-8660)
190.		K.Sundareswaran P.S. Manujith	Analysis and Performance Evaluation of Triac-Voltage Controlled Capacitor Run Induction Motor	Electric Power Components and Systems, Vol.32, No.9, pp. 913-925, September 2004. (ISSN:1532-5008)
191.		K.Sundareswaran S.Razia Begum	Genetic Tuning of Power System Stabilizer	European Transactions on Electrical Power, Vol.14, No.3, pp.151-160, May-June, 2004. (ISSN:1430-144X)
192.	2004	Selvan, M.P. Swarup. K.S	Object-Oriented Power System Analysis	Journal of Indian Institute of Science, Vol. 84, No.5, September – October 2004, pp. 141-154.
193.		N. Kumaresan, M.P. Selvan M. Subbiah	Design optimisation and speed extension of wind-driven self-excited induction generators – A new approach	Electric Power Components and Systems, Vol.32, No.2, February 2004, pp.215-228.
194.		N. Kumaresan M. Subbiah	Innovative reactive power saving in wind-driven grid-connected induction generators using a delta-star stator	Wind Engineering, Vol.27, No.2, 2003, pp.107 – 120.

	2003		winding: part I, Performance analysis of the delta-star generator and test results	
195.		N. Kumaresan M. Subbiah	Innovative reactive power saving in wind-driven grid-connected induction generators using a delta-star stator winding: part II, Estimation of annual Wh and VARh of the delta-star generator and comparison with alternative schemes	Wind Engineering, Vol.27, No.3, 2003, pp.195-204.
196.	2002	K.Sundareswaran , M.Chandra	An Evolutionary Approach for Line Current Harmonic Reduction in AC/DC Converters	IEEE Transactions on Industrial Electronics, Vol.49, No.3, pp.716-719, June 2002. (ISSN:0278-0046)
197.	2002	K.Sundareswaran, D.Laxminarayana	An Evolutionary Approach for Speed Controller Design of A.C.Voltage Controller Fed-Induction Motor Drive	Electric Power components and Systems, Vol.30, No.10, pp.1001-1014, October 2002. (ISSN:1532-5008)
198.	2001	C. Nagamani , V.S. Ramsden, V. Ramaswamy	Performance evaluation of a doubly fed twin stator induction machine drive using voltage and current space vector control schemes	IEEE Proceedings, Part B, Electrical Power Applications, vol. 148, no.3, pp. 287-292, May 2001

199.		K.Sundareswaran	An Improved Energy Saving Scheme for Capacitor Run Induction Motor Drive	IEEE Transactions on Industrial Electronics, Vol.48, no.1, pp.238-240, February 2001. (ISSN:0278-0046)
200.		K.Sundareswaran , Javajisunil Babu P.Kaviarasu, Ramakrishna Ayinapudi	Dynamic Modeling And Simulation Of Thyristor Converter Fed DC Motor Drive	AMSE Journal (France) on Modelling, Measurement and Control, Vol.74, No.5, 6 pp.29-38, 2001.(ISSN:0761-2508)
201.	1999	K.Sundareswaran , S.Palani	Optimal Efficiency Control Of Induction Motor Drive Using Neural Networks	AMSE Journal (France) on Advances in Modeling and Analysis, Vol. 41, No.1,2, pp.9-21, 1999. (ISSN:0761-2486)
202.	1998	K.Sundareswaran, S.Palani	A Novel Technique For Sensor Less Speed Estimation Of Variable Voltage Induction Motor Drive Via Neural Networks	AMSE Journal (France) on Advances in Modeling and Analysis, Vol.40, No.1, 2, pp.19-29, 1998. (ISSN:0761-2486)
203.	1991	C. Nagamani, V. N. Nandakumar M. Ramamoorthy	Field oriented control of synchronous machines using a novel feedback system	Journal of Electronics and Telecommunications Engineers (India), vol.37, no.1.

204.	1990	V.N. Nandakumar C. Nagamani	A study on voltage fed high frequency inverters for induction heating	Journal of Institution of Engineers (India), EL, vol. 71.1990
205.		N. Ammasaigounden M. Subbiah	Microprocessor-based voltage controller for wind-driven induction generators	IEEE Transactions on Industrial Electronics, Vol. 37, No.6, 1990, pp 531-537
206.	1989	N. Ammasaigounden M. Subbiah	Chopper-controlled wind-driven self-excited induction generators	IEEE Transactions on Aerospace and Electronic Systems, Vol. AES-25, No.2, 1989, pp.268-276.
207.	1988	N. Ammasaigounden, M.Subbiah, M.R.Krishnamurthy	Operating cost optimisation of speed changing induction motors	IEEE Proc Pt. B., Vol. 135, No.1, 1988, pp 33-38.
208.	1986	N. Ammasaigounden, M. Subbiah M.R. Krishnamurthy	Wind-driven self-excited pole-changing induction generators	IEEE Proc. Pt. B, Vol. 133, No.5, 1986, pp.315-321.
209.		P.Chidambaram, M. Subbiah M.R. Krishnamurthy	Developments in pole-changing windings using star / star-delta switching	IEEE Trans. EC., 1986. Vol..EC-1, No.4, pp.135-141.

210.	1985	C.Nagamani, S.R.Doradla Subhankar Sanyal	A sinusoidal pulse width modulated three phase ac to dc converter fed dc motor drive	IEEE Transactions on Industrial Applications, vol. IA - 21, no.6, Nov./Dec.1985, pp. 1394-1408.
211.	1976	M.Subbiah , M.R.Krishnamurthy	Single – Winding – Single – Phase inductor alternators	IEEE Trans. AES, 1976 No.6, pp.689-697.
212.		M. Subbiah, M.R.Krishnamurthy R.Parimelalagan	Design of dual speed single – winding induction motors – A unified approach	IEEE IAS Annual conference Record, 1976 paper 39-8, pp.1071-1079.
213.	1975	M.Subbiah , M.R.Krishnamurthy	Improved windings for single – phase motors	IEEE IAS Conference Record,1975, pp.1036-1044.
214.		M. Subbiah , M.R. Krishnamurthy	Certain Design aspects of single-winding three-phase inductor Alternators	IEEE Trans. AES, 1975, No.5, pp.648-655.
215.	1974	M.Subbiah , M.R.Krishnamurthy	Design of Multiparallel Circuits for Single-phase machines	IEEE PES Winter Meeting, USA,1974, Paper No.C 74 226-7.
216.		M.Subbiah , M.R.Krishnamurthy	Harmonic reduction in 2-phase windings, a new approach	IEEE PES Winter Meeting, USA,1974, Paper No. C 74 227-5

217.	1973	M.Subbiah , M.R.Krishnamurthy	Single Winding inductor Alternators based on pole – changing techniques	IEEE PES Summer Meeting,USA 1973, Paper No. C 73 314-2
------	------	----------------------------------	--	---

NATIONAL JOURNAL :

S.No	Year	Authors	Title	Journal Details
1.	2014	M.Venkata Kirthiga and S.Arul Daniel	Deliverables of Reconfiguration in Autonomous Microgrids	the journal of CPRI, Vol. 10, No. 1, March 2014, pp. 75-86.

--	--	--	--	--