

S.NO.	YEAR	AUTHORS	TITLE	NATIONAL CONFERENCE DETAILS
1)	2014	Nikhilesh Prasannakumar, C. Nagamani	C2000 LaunchPad based Generic Motor Control System	Texas Instruments India Educators Conference 2014 (TIIEC 2014)
2)		Dr. M. P .Selvan		18th National Power Systems Conference , NPSC 2014 at Guwahati, December 18th – 20th 2014
3)		Dr. S. Moorthi		18th National Power Systems Conference , NPSC 2014 at Guwahati, December 18th – 20th 2014
4)		Dr. P .Raja		18th National Power Systems Conference , NPSC 2014 at Guwahati, December 18th – 20th 2014
5)		Dr.M.VenkataKirthiga		18th National Power Systems Conference , NPSC 2014 at Guwahati, December 18th – 20th 2014
6)		C.S.Sandeep and M.VenkataKirthiga,	Optimal Planning of Autonomous Micro-grid	18th National Power Systems Conference during 18th – 20th December, 2014, organized by the Department of EEE, Indian Institute of Technology, Guwahati, Assam, India.

7)		M.Rajasekaran and M.Venkata Kirthiga	Comparison of Line and Capacitor Commutated Converters with Modern Self – Defined Extinction Advance Angle Controller	Fifth National Conference on Electrical and Instrumentation Systems on 22 nd March in the Government College of Technology, Coimbatore, India. 2012
8)	2012	Lalit Negi and Selvan, M.P	Maximum Penetration Ranking based Siting and PSO Assisted Goal Programming based Sizing of DG units in Radial Distribution System	National Power Systems Conference (NPSC 2012), 12-14 December, 2012, IIT-BHU, Varanasi, INDIA.
9)		Srinath, S., Anu G. Kumar and Selvan, M.P	Experimental Verification of Unified Power Quality Conditioner with Transformation Less Combined Mode Control	National Power Systems Conference (NPSC 2012), 12-14 December, 2012, IIT-BHU, Varanasi, INDIA.
10)	2012	Srinath, S., Anu G. Kumar and Selvan, M.P	Simulation and Experimental Verification of Transformationless Control of Series Active Filter for Mitigating Load Voltage Harmonics	National Power Systems Conference (NPSC 2012), 12-14 December, 2012, IIT-BHU, Varanasi, INDIA.
11)		A.Karthikeyan, C.Nagamani	Laboratory implementation of position/speed sensor-less power control of the grid connected doubly fed induction generator	Proc National Conference on “National Economy and Social Transformation through Advances in Electrical Engineering (NESTE AEE 2011)”.

12)	2011	A.Karthikeyan, C.Nagamani	Investigation of sensor-less speed estimation scheme for three phase squirrel cage induction machine under varied supply voltage conditions	Proc National Conference on “National Economy and Social Transformation through Advances in Electrical Engineering (NESTE AEE 2011)” August 2011
13)		A.Karthikeyan, P.V.Subba Reddy C.Nagamani G.Saravana Ilango	A Hybrid Excited Induction Generator for Stand-Alone Applications	Proc National Conference on Electrical Systems and Renewable Energy, NESR-2011, Trichy, March, 2011
14)	2011	S.Gurunathan, M.Venkata Kirthiga, V.Prakashkumar	Optimal Reconfiguration of Distribution systems based on Ranking of buses	National Conference on Efficient Energy Management in Urban and Rural Sector ,organized by the Centre for Development and Technology Foundation, New Delhi, 28th-29th April , 2011.
15)		K.Parvathy & M.Venkata Kirthiga	Optimal location and sizing of Capacitors and Distributed Generators in Non-Autonomous Micro-grids based on Plant Growth Simulation Algorithm	National Conference on Efficient Energy Management in Urban and Rural Sector organized by the Centre for Development and Technology Foundation, New Delhi, 28th-29th April , 2011.
16)		Aritra Basu Ray Chaudhury, A.Karthikeyan,	Decoupled Control of Rotor Speed and Stator Reactive Power in a Wound	Proc. National conference on control of power electronic drives and systems CPEDS-

	2010	C.Nagamani, G.Saravana Ilango	Rotor Induction Motor without Speed or Position Sensor	2010,Visakhapatnam, 2010
17)		Srinath, S., Mohan, K., Prabakaran S., Selvan. M.P	Implementation of Single Phase Shunt Active Filter for Low Voltage Distribution System	National conference on National Power Systems Conference (NPSC 2010), 15-17 December, 2010, Hyderabad, INDIA
18)		Vinoth Kumar, K., Santhosh Kumar, B. Selvan, M.P	Voltage Stability Enhancement of Radial Distribution System using Distributed Generators	National conference on National Power Systems Conference (NPSC 2010), 15-17 December, 2010, Hyderabad, INDIA
19)	2010	Mohan, K., Prabakaran, S., Srinath, S, Selvan, M.P	Effect of Short Circuit Level of Distribution System on the Performance of Series Active Filter	National Conference on Control of Power Electronic Drives and System (CPEDS 2010), May 30-31, 2010, Andhra University, Visakhapatnam, INDIA, pp. 26-31.
20)		S. Arungalai Vendan, Baskar Babu, C. Nagamani	Parameter Investigation by Application of Neural Network to MIAB Welding Process Where Rotating Arc Distributes Energy to Melt the Tubes	Presented National conference at the “National Welding Seminar Organized by Indian Institute of Welding” in 3-5 Feb 2009 in Mumbai
21)		J.Chelladurai, G.Saravana Ilango, C.Nagamani	DSP based Laboratory Implementation of SVPWM for Shunt Active Filter	National conference NCIEE’09 conducted by PSG college of Technology,Coimbatore, Aug
22)		D.Aravindan		

				27-28,2009.
23)	2009	J.Chelladurai, G.Saravana Ilango, D.Aravindan and J.R.Aldous Huxley	Modeling and simulation of STATCOM using SVPWM Technique	National Conference on “Innovations in Electrical, Electronics and Control Systems” Kumaraguru college of Engineering Coimbatore Mar 20 – 21 2009, pp 1-6.
24)		K.Samidurai, G.Saravana Ilango, K.Thanushkodi, N.R.Belston Raja	An Improved Power Quality Scheme Using High Frequency Link AC/AC Converter	National Conference on “Innovations in Electrical, Electronics and Control Systems” Kumaraguru college of Engineering Coimbatore Mar 20 – 21 2009,pp 84-87.
25)	2008	G.Saravanailango, C.Nagamani D.Aravindan	Analysis of Power Oscillation Damping using UPFC in a SMIB system	Proc National Conference ‘NCEEE08’ – Anna University, Tamil Nadu. March 20 – 21, 2008. (Received 2 nd best paper award in the conference).
26)		G.Saravana Ilango, D. Aravindan C. Nagamani	Application of Adaptive Back Stepping Control Technique for Damping of Power System Oscillations with UPFC	Proceedings of National Conference on Fifteenth National Power Systems Conference (NPSC), IIT Bombay, December 08, pp. 72-77
27)		K.Sundareswaran	Development of An Intelligent Optimization Algorithm Througjh a	Proceedings of National Conference on Electrical Engineering and Embedded

			colony of Foraging Ants and its Application to D.C.Motor Speed Controller Design	systems, NCEEE '08, 20-21 March 2008, Anna University Chennai, pp. 1-4
28)		Hemamalini Sishaj P Simon	Economic Load Dispatch Problem with Valve-Point Effect Using Artificial Bee Colony Algorithm	National Conference on 32 nd National System Conference 2008, Department of Electrical Engineering, IIT Roorkee, 17 th - 19 th ,Dec 2008
29)		Vinoth Kumar, K., Selvan. M.P., Surendar, G	Performance Comparison of Shunt Active Filter and Hybrid Active Filter	National Systems Conference (NSC 2008), December 17-19, 2008, IIT Roorkee, INDIA, pp. 71-76.
30)		Selvan, M.P. Sahaya Elsi, S.	Modeling and Simulation of Unified Series Shunt Compensator	National Conference on Electrical and Embedded Systems (NCEEE 2008), March 20-21, 2008, Anna University-Chennai, INDIA, pp. 135-139.
31)		N.Arun Kumar and M.Venkata Kirthiga	Optimal Location and Sizing of Distributed Generator Units in Power Systems	National Conference on Electrical Engineering and Embedded Systems, College of Engineering Guindy, Anna University, Chennai, 20th – 21st March, 2008.

32)	2008	S.Kalpana and M.Venkata Kirthiga	Robust design of Power System Stabilizers using Particle Swarm Optimization	National Conference on Electrical Engineering and Embedded Systems, College of Engineering Guindy, Anna University, Chennai, 20th – 21st March, 2008
33)		S. Arungalai Vendan, S. Manoharan, G. Buvanashakaran C.Nagamani	Magnetically Impelled Arc Butt Welding - Design Particulars and Parameter Investigation	Proceedings of National Conference on All India Manufacturing Technology, Design and Research Conference” organized by IIT Chennai. 15-17 th Dec 2008.
34)	2007	G.Saravana Ilango, C.Nagamani , M.Lalit kumar J.Chelladurai	Independent Active and Reactive Power Control Using UPFC with State Feedback Control.	Proceedings of National Conference on ICECON -2007, NIT Trichy ,Dec 27 th -29 th , 2007, pp-77-81
35)		G.Saravana Ilango, C.Nagamani, A.Karthikeyan	Laboratory Implementation of UPFC for Independent Control of Real and Reactive Power Flows	Proceedings of National Conference on National Power Electronics Conference NPEC, 2007, IISC Bangalore, 2007
36)		M. Arutchelvi	Reliability evaluation of an off-grid	National conference on “Electrical Engineering

		S. Arul Daniel	hybrid system based on PV array and wind-driven generators	and control systems”, National Institute of Technology, Calicut, May 3rd -5th ,2007
37)	2007	G.Saravana Ilango, C.Nagamani , A.Karthikeyan S.Chandra Mohan	Artificial neural Network based UPFC for effective power flow control	National conference on ICECON -2007, NIT Trichy, Dec. 27 th -29 th , 2007, pp-7-13.
38)		G.Saravana Ilango, C.Nagamani and A.Karthikeyan,	Laboratory Implementation of UPFC for Independent Control of Real and Reactive Power Flows	National Conference on National Power Electronics Conference,(NPEC-2007), Bangalore, Dec.17-19, 2007, pp-24-25.
39)	2006	M. Venkatakrithiga S. Arul Daniel	Performance Indices based Islanding of power systems	National Conference on National Power System Conference at IIT Roorkee, Dec. 2006
40)		S.P.Simon, N.P.Padhy R.S.Anand,	Solution to Unit Commitment Problem using Ant Colony Model	National Conference on Technical Challenges in Power Systems held on March 24 - 25, 2006, pp.17-22, Kamala Nehru National Institute of Technology, Sultanpur, UP, India
41)		K.Sundareswaran, Krishna Jayant, C.V.N.Harish	Optimum Feed Back Controller Design For A Non-Linear Plant Using The Ant	Proceedings of USC-SAP(DRS) National Conference On Computing and Mathematical Modeling, March 2005, Gandhigram Rural

		R.Madhan	Colony Metaphor	Institute, Gandhigram, Tamilnadu.
42)	2005	K.Sundareswaran, S.Hemamalini, T.N.Shanavas R.Madhan	Parameter Estimation Of Unknown Plants Using Particle Swarm Optimization	Proceedings of USC-SAP (DRS) National Conference On Computing and Mathematical Modeling, March 2005, Gandhigram Rural Institute, Gandhigram, Tamilnadu.
43)		J. Kavitha, N. Kumaresan M. Subbiah	Analysis and Design Optimisation of Self-Excited Induction Generators using Genetic Algorithm	Proceedings of IEEE national conference on Recent Advances in Power System & Power Electronics (RAPSPE) 2005, 20 th August, 2005, College of Engineering & Management, Kolaghat, West Bengal, India, pp.153-157.
44)		-	Wind-driven three-phase induction generators feeding power to single- phase grid	Proceedings of the National Conference on Emerging Trends in Electrical Engineering and Power Drives (NACPED`05), 20 th April 2005, GCE. Tirunelveli -07, India, vol.1, pp.28-34.
45)		K.Dhanasekaran N. Kumaresan	Optimal power flow solution using Genetic Algorithm	Proceedings of the National Conference on Emerging Trends in Electrical Engineering and Power Drives (NACPED`05), 20 th April 2005, GCE Tirunelveli -07, India, vol.1, pp.35-41.
46)		M.Jeen,	Simulation of High frequency AC Link	National Conference on Emerging Trends in

	2005	K.Subdhra G.Saravana Ilango	Transformer	Electrical Engineering and Power Drives on 20 th April 2005, pp-340-346. Organized by Dept. of EEE., GCE, Tirunelveli
47)		M.Venkata Kirthiga S.ChitraSelvi	Application of UPFC in Power Flow studies with Ideal Transformer	National Conference on Recent Trends and Emerging Technologies In Electrical Systems – ELCON '05 “, organized by the EEE department, National Engineering College, Kovilpatti and had been awarded “The Best Paper for the Session” award .2005
48)	2004	K. Ravi Shanker, C.Nagamani K. Shanti Swarup	Investigations of UPFC for independent real and reactive power flow control	Proceedings of the National Conference on National Power Systems Conference NPEC 2004, Chennai, Dec.2004.
49)		K.Sundareswaran, Bos Mathew Jos	Transient Response Analysis of Delta Connected Induction Motor Starting Using Star-Delta Switch	Proceedings of PCIC-2004, National Conference on Power Conversion and Industrial Control, July, 2004

50)		Sundareswaran N.Rajasekar	A Comprehensive Study Of Capacitor-Run Induction Motor Speed Control with Integral Switching	Proceedings of 13-th National Power Systems Conference (NPSC 2004), pp.1002-1005, Dec.27-30, 2004, IIT, Chennai
51)		Sundareswaran, Bos MathewJos V.T.Sreedevi	Dynamic Simulation Of AC Voltage Controller Fed-Induction Motor Drive using simulink	AICTE sponsored National conference on Control, Communication and Information Systems, pp.154-157, Jan. 23-24, 2004, Goa.
52)	2004	S.P.Simon, N.P.Padhy R.S.Anand,	A new Ant Colony System approach to Unit commitment Problem	13 th National Power system Conference (NPSC 2004), IIT Madras, pp 1061 – 1066, 27 th -30 th December 2004
53)		Sridhar. S, Arul Daniel et al	Optimization of Integrated Rural Power System Designed by non traditional techniques	Proceedings of the IEEE Annual Symposium on Power Systems (Bangalore Sections), IISC Bangalore Nov. 2004
54)		K.Sundareswaran	A Quantitative Study of Performance	Proceedings of 1st National conference on

			Characteristics of Variable Voltage Operation of Domestic Fans	instrumentation & control, December 5 & 6, 2003, National Institute of Technology, Tiruchirappalli.
55)	2003	S.P.Simon, N.P.Padhy R. S. Anand	Ant Colony System: An Application to Traveling Salesman Problem	27 th National Systems Conference, IIT Kharagpur, pp 215 – 220, 17 th -19 th December 2003
56)		K.Sundareswaran, M.D.Anand C.Palaniappan	Modeling And Simulation Of DC -Fed Braking Of Induction Motor Drive	Proceedings of PCIC-2003, National Conference on Power Conversion and Industrial Control, January 3-4, 2003
57)	2003	Sundareswaran, M. D. Anand Arun P Anand	FPGA Based IC Design For Performance Enhancement Of Delta Connected Induction Motor Drives”	Proceedings of PCIC-2003, National Conference on Power Conversion and industrial Control, January 3-4, 2003
58)		C.Nagamani Dr. V. Ramaswamy	Effect of Regulating Control Excitation Phase on the Performance of a Doubly Fed T win Stator Induction Motor	Proc Twelfth National Power System Conference NPSC-2002, I.I.T, Kharagpur, 27-29 Dec.2002
59)	2002	S. P. Simon, P. Karthigaikumar	Performance Analysis of Weather Sensitive Short Term Load Forecasting Using Multilayer Perceptrons	12 th National Power System Conference, IIT Kharagpur, pp 296 – 298, 27 th -29 th December 2002

		Thomas Joseph		
60)		S. P. Simon, P. Karthigaikumar Albert Rajan	Application of Multilayer Neural Networks to Adaptive Auto-reclosure Technique	National Conference on 'Recent Trends in Electrical Energy Conservation and Management, Annamalai University, Annamalainagar, pp 113 – 116, March 2-3, 2002
61)		S. P. Simon, P. Karthigaikumar Thomas Joseph	Application of Time Delay Neural Networks to Adaptive Auto re-closure Technique	National Conference on Modern trends in Electrical and Instrumentation Systems, Government College of Technology, Coimbatore, pp 253 – 257, March 13-14, 2002
62)	2002	P. Karthigaikumar, Sishaj P. Simon M. Subadhra,	Application of Fourier Transform to Energy measurement using PC	National Conference on Sensors and Instrumentation, ISS College of Information Technology & Engineering for Women, Hyderabad, Paper No. 55, 5 th & 6 th January 02
63)		S. Joseph Jawahar and G. Saravana Ilango	Substation Automation Technology using Artificial Intelligence	5th National Seminar on Modern trends in Power Engineering and Development conducted by Kerala State Electricity Board, Trivandrum on October 8 th and 9 th 2002, pp-

				60-66.
64)	2001	K.Sundareswaran	Transient Simulation Of Reversible DC Drive Using Power System Block Set	Proceedings of 25th National Systems conference, PSG Tech., pp. 44-47, December 2001.
65)		S. Arul Daniel <u>N. Ammasai Gounden</u>	Integrated wind and photovoltaic schemes for remote power supplies	proceedings of the National Workshop on Energy and Environment Management for sustainable development of agriculture and agro-industria sector, Institution of Engineers(India), Bhopal. pp. 106-108, July 2001.
66)	2001	S. Arul Daniel N. Ammasai Gounden	Certain Design aspects of small scale wind/PV remote power supplies	Seminar on Renewable Energy Sources for generation of electricity, Organized by IEEE Mumbai Branch, Pune, pp. 29-32, Aug 2001.
67)		S. Arul Daniel N. Ammasai Gounden	Developement of a Genetic Algorithm for sizing a hybrid wind / PV system with battery charging	Proceedings of the national symposium on systems, IIT – Madras, pp. 31 – 32, Sep 2001.

68)	2000	K.Sundareswaran, Javaji Sunil Babu, Sambath Hemanth Kumar ,Ramakrishna Ayinapudi	Application of Genetic Algorithm for Speed Control of DC Motor Drive	Proceedings of the National symposium on Intelligent Measurement and Control at Anna university, Madras, pp.89-94, February 2000.
69)		N. Kumaresan M. Subbiah,	Analysis and control of wind-driven self- excited induction generators with load matching	Proceedings of the National symposium on Intelligent Measurement and Control at Anna the Eleventh National Power Systems Conference NPSC 2000, Vol.1, IISc, Bangalore, India, December 2000, pp.21-26.
70)	1999	K.Sundareswaran S.Palani	Energy Efficient Induction Motor Drive Using Neural Networks	Proceedings of the National symposium on Intelligent Measurement and Control at Anna National Renewable Energy Convention99,Indore,pp.no.173-177,Dec1999
71)		S. Arul Daniel	Renewable obligation in the power sector – a needed government initiative	28th Annual Convention of ISTE and seminar on Environment and Development, Ludhiana, Nov.21-23, 1998

72)	1998	Malarkannan, <u>N.Ammasai Gounden</u> M. Subbiah,	Wind – driven Induction Generator fed IGBT resonant inverters for high frequency heating	10 th National power system conference, Vadodara, Oct'1998
73)		K. Sundareswaran S.Palani	Minimum-Time Maximum-Efficiency Control Of Voltage Controlled Induction Motor Drive	Proceedings of 22nd National Systems Conference, REC Calicut, pp.392-396, December 11-13, 1998
74)	1995	Sankar Iyer, Aditya S. Arul Daniel	Integrated non-conventional energy management using artificial neural networks	Proceedings of the National Seminar on Energy Management, organized by IE(India), NTPC, MNREC, Allahabad, Mar.2-3, 1995, pp. B.123 – B.131
75)		1994	<u>N. Ammasai Gounden</u> M. Subbiah,	Capacitor excited induction generators for isolated power supplies
76)		S. Arul Daniel, N. Ammasai Gounden	Thyristor choppers for wind-driven induction generators	Proceedings of the National symposium on Intelligent Measurement and Control at Anna the All India seminar on Electric power

		M. Subbiah		equipments and control of machines,organized by Institution of engg,Ahmednagar,pp.2.42-2.52, Dec 4-5.1993
77)	1993	<u>N. Ammasaigounden</u> M. Subbiah	A solid-state switching scheme for wide-ratio dual speed inductin motors	paper presented in the National Seminar on Electric power equipments and control of machines, organised by Institution of Engineers, Ahmednagar, Dec. 4-5, 1993.
78)	1989	C.Nagamani, V.N.Nandakumar K.N.S.Murthy	Static power factor controller for LT distribution systems	Proceedings of the National symposium on All India symposium on Compensation for magnetization currents in motors, Hyderabad, Nov. 1989
79)	1989	Brisilla Mary, Linga Reddy, V.Sankaranarayanan	Output feedback nonlinear control of a buck-boost converter	Proceedings of the National symposium on 5th National Power Elelctronic Conference (NPEC) , West Bengal, India. 1989
80)	1988	N. Ammasaigounden M. Subbiah,	Design optimization of wind-driven grid-connected induction generators	Proceeding of V National Power Systems Conference, Bangalore, India, 1988, pp. 281-285.

81)	1987	<u>N. Ammasaigounden</u> M. Subbiah,	Wind-driven induction generators for isolated power supplies	paper presented at National seminar on integrated development and optimum utilisation of available non-conventional energy sources in remote isolated areas, Jodhpur, India, Feb. 1987.
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