Full Name   : Dr.S.Sankar

Major Areas of Interest   : FACTS, Electrical Machines, Voltage

Stability, power quality, Power system security ,Power System Analysis, Induction generator, renewable power generation, soft computing, fuzzy systems, network analysis, power system instrumentation, induction heating, resonant converters etc.

Current Address   :Panimalar Institute of Technology
No.391, Bangalore Trunk
Road,Varadharajapuram
Poonamallee, Chennai - 600 123.

Email   :ssankarphd@yahoo.com

Phone   : +91- 44 - 26491113 , 26491114,
72995 36088 , Fax :26494320

Picture

Year	Institution	Degree/Diploma	Score
2011	Sathyabama University Chennai.	Ph.D	---
2004	Annamalai University, Chidambaram	M.E (Power System)	8.06 (CGPA)
2001	Sri Venkateswara College of Engg, Sriperumbatore, Chennai.	B.E (EEE)	64.41%
1998	Pallavan Polytechnic, Kanchipuram	DEEE	87.41%

LIST OF PUBLICATIONS

International journals

[1] **"Simulation of Closed Loop Controlled IPFC System",** IJCSNS International Journal of Computer Science and Network Security, VOL.7 No.6, June 2007. *http://paper.ijcsns.org/07_book/200706/20070633.pdf*

[2] **"Simulation and Implementation of Inter line Power Flow Controller system"** International Journal of Applied Engineering Research, ISSN 0973-4562 Volume 2, Number 4 (2007), pp. 557−568. *http://www.ripublication.com/Volume/ijaerv2n4.htm*

[3] **"Digital Simulation of Closed Loop Controlled IPFC Using PSPICE"** International

Journal of Electrical and Power Engineering 2 (2): 99 103, 2008. *www.medwelljournals.com/abstract/?doi=ijepe.2008.99.103.*

[4] **"Simulation and Design of Interline Power Controller System"** International journal   of Electrical Engineering, ISSN 1582 4594, Volume 8/ 2008 Edition: 1. *http://www.jee.ro/articles/WQ1202196712W47a810e88165f.pdf*

[5] "**Simulation of Dynamic Voltage Restorer for power flow"** International Journal of Electrical Engineering ISSN 1582 4594 Volume8/ 2008, Edition: 2. *http://www.jee.ro/articles/WF1202203891W47a82cf339c96.pdf*

[6] "**Digital Simulation of IPFC for power flow using PSPICE"** International journal of Electrical Engineering ISSN 1582 4594 Volume8/ 2008, Edition: 2. *http://www.jee.ro/articles/WV1202184967W47a7e307dbf76.pdf*

[7] "**Simulation of Series and Shunt Compensated IPFC System"** International journal of Engineering and Technology, IETECH Journal of Electrical Analysis, Volume 2, No: 3, 133 − 137 © IETECH Publications, 2008.

[8] **"Digital Simulation of Induction Start Permanent Magnet Synchronous Motor"** International journal of Electrical Engineering   ISSN 1582 4594 Volume8/ 2008, Edition : 4. *http://www.jee.ro/articles/WZ1207713455W47fc3eaf36cb3.pdf*

[9] **"Simulation Of Boost Converter With Active Clamping Using Mat Lab"** International journal of Electrical Engineering   ISSN 1582- 4594 Volume8/2008 ,Edition: 4

[10] **"Simulation of Six Switch Three Phase Inverter Fed Induction Motor Drive System"** International Journal of Recent Trends in Engineering, Vol 2, No. 5, November 2009 , *ijrte.academypublisher.com/vol02/no05/ijrte0205259262.pdf*

[11] "**Sophisticated modeling of Self Healing Architecture for Mission Critical Applications"** International journal of computer science and software technology, ISSN: 0974-3898. P. P: 57-

63.Aug 2009, http://www.serialspublications.com/contentnormal.asp?jid=465&jtype=1

[12] **"On Line Power Flow Monitoring Using UPFC System"** IETECH Journal of Electrical Analysis, Vol: 4, No: 1, 001 – 006, 2010.

[13] **"Simulation and Implementation Of Dynamic Voltage Restorer System"** International Journal of Electrical and Power Engineering 4 (2): 32-37, 2010. http://medwelljournals.com/abstract/?doi=ijepe.2010.32.37

[14] **"Simulation and Protection Schemes for Dynamic Voltage Restorer System"** International Journal of Power Engineering, 2:1 (2010): 1-13, 2010. Research Science Press, New Delhi, India

[15] **"Simulation and Comparison of Various FACTS Devices in Power System"** International Journal of Engineering Science and Technology Vol. 2(4), 2010, 538-547. *citeseerx.ist.psu.edu/viewdoc/download?doi...1... - United States*

[16] **"Economical and Empirical Design Of FACTS Devices in Power System"** International Journal of Integrated Energy Systems, Vol. 2, No. 2, 93-98, July-December 2010.

[17] **"Power Quality Analysis of Magnitude in Unbalanced System"** International Journal of Electrical Engineering   ISSN 1582-4594 Volume 11/ 2011, Edition: 2. *http://www.jee.ro/articles/WL1286080543W4ca8081f199d2.pdf*

[18] "**Simulation and Design of High Speed Converter for Image Processing Applications"** International Journal of Electrical Engineering ISSN 1582-

4594 Volume11/   2011,   Edition: 2.
http://www.jee.ro/articles/WE1286083690W4ca8146a15eac.pdf

[19] **"Analysis and Design of Magnetic Loss Saturation in Induction Motor"** International Journal of Electrical Engineering ISSN 1582-4594, Volume 12 / 2012 - Edition: 3 *http://www.jee.ro/articles/WA1309662611W4e0fdd93898b0.pdf*

[20] **"Simulation of TCSC and UPFC System Using SPICE"** International Journal of Electronics Communication and Microelectronics Designing Volume 1, Issue 1, Aug. 20 12, P.P 28 to32.*http://www.ijecmd.org/administrator/components/com_jresearch/files/publications/IJECMD-2012-10.pdf*

National journals

[1] **"Simulation and Design of Real Power Controlled IPFC System"** i-manager's Journal on Electrical Engineering, Vol. 3   No. 3, January - March 2010, pp.40-46.

[2] "**Simulation of IPFC System for Voltage Sag Compensation"** Journal of the Instrument Society of India, June 2010, Indian Institute of Science Bangalore –560 012, India.

[3] **"Simulation and Design of IPFC System for Voltage Sag Compensation"** ISST Journal of Electrical & Electronics Engineering (IJEEE), paper will appear in the Vol.-I No-1(Jan-June-2010).

[4] **"Broad and robotic simulation modeling based on measurements"** i-manager's Journal on Software Engineering Vol.1, No. 4,pp. 11-17, April – June 2010.

[5] **"Simulation And Performance Of 6 Bus Connected IPFC System"** i-manager's Journal on Electrical Engineering, Vol. 3   No. 4 ,pp. 22-28 , April - June 2010

[6] **"Control and Design of Fuzzy Model Based Doubly Fed Induction Motor Drive System"** i-manager's Journal on   Electrical Engineering, Vol. 3 ,   No. 3,pp.76-81, January - March 2010

[7] **"Optimal Design of Hydropower Generation and Supervision"** i-manager's Journal on Electrical Engineering, Vol. 4, No. 1, pp.21-26, July - September 2010

[8] **"Mathematical Modeling and Simulation of Computer Programming"** i-manager's Journal on Software   Engineering, Vol.5, No. 1, pp.29-33, July – September 2010.

[9] **"Simulation And Application Of Ann In Fuzzy Logic System"** i-manager's Journal on Future Engineering & Technology, Vol. 6., No. 1, August- October 2010.

[10] **"Simulation of One Digit Matrix Display for the Evaluation on Led Screen"** I-manager's Journal on Electronics Engineering, Vol. 1, No. 1, September - November 2010.

[11] **"Performance and Denoising On the Discrete Wavelet Transform For Image Segmentation"** i-manager's Journal on Software   Engineering, Vol.5, No. 2, pp.26-30, Oct – Dec 2010.

[12] **"Analysis of Induction Motor Efficiency Enhancement"** i-manager's Journal on Electrical Engineering, Vol. 4, No. 2, pp.43-46, October - December 2010

[13] **"High Power Factor Based Novel Design of Sodium Lamps"** i-manager's Journal on Electrical Engineering, Vol. 4 , No. 2 ,pp.1-6, October - December 2010.

[14] **"Distribution Network Planning With Advanced Centralized Voltage Regulation System"** i-manager's Journal on Electrical Engineering, Vol. 4., No. 3, January- March 2011.pp-32-37.

[15] **"Simulation and Experimental Model of Magnetic Measurements System"** i-manager's Journal on Electrical Engineering, Vol. 4., No. 3, January- March 2011.pp.14-17.

International conferences

[1] "**Simulation and Investigation of Interline Power Flow Controller system"** Procee dings
of the International   Conference on Computer, communication, Control & Instrumentation-3CI-2007November 21st to 23rd2007. Departments of Electronics & Communication Engineering and Instrumentation Technology. R.V.College of Engineering, Bangalore, India.pp.384-389.

[2] **"Simulation of IPFC for power flow management"** proceedings of international conference on Trends in Intelligent Electronic Systems (TIES 2007),Sathyabama University, Jeppiaar Nagar ,Chennai, India**.**

[3] **"Simulation of series and shunt compensated IPFC system"** proceedings of inter national conference on Information and communication Technology in Electrical Science (ICTES 2007), Dr.M.G.R. University, Chennai, India.

[4] **"Simulation of IPFC performance Based on Open and Closed Loop systems"** proceedings of the International conference on Nano and Microelectronics (ICONAME 2 008), Pondicherry Engineering College, puducherry, India, 3-5January 2008, pp.167-176.

[5] **"Digital Simulation and Modeling of Interline power flow Controller System"** proceedings of the International conference on Data Engineering and Management (ICDEM 2008), Bishop Heber college, Tiruchirappallai, India, 9 January 2008, pp.422-426.

[6] **"Simulation and comparison of closed loop controlled UPFC and IPFC systems"** proceedings of the interna tional conference on Power System Analysis Control and Opti mization_2008 (PSACO_2008), A.U.College of Engineering, Visakhapatnam, India, 13th-15th March 2008, pp. 105-111.

[7] **"Simulation of facts controllers using PSPICE"** Proceedings of the International Conference in Energy Engineering (ICEE-2009) Pondicherry Engineering College, Pondicherry, India.7th to 9th Jan 2009.

[8] **"Simulation of Complex Power Flow Management Using Dynamic Voltage Restores System"** Proceedings of the International Conference on Enhancements in Power Electronics and Controls ICEPEC-2011, Department of Electrical and Electronics Engineering, PSG College of Technology, Coimbatore, India, November 24-25, 2011. pp.152-157.

[9] **"Simulation and Analysis of Various Hybrid Power Generation System"** Proceedings of the International Conference on Renewable Energy Technologies iCORET -2011, Department of Electrical and Electronics Engineering & School of Energy, PSG College of Technology, Coimbatore, India, December 15-17, 2011. Pp.193-196.

[10] **"Vector control of induction motor using fuzzy logic voltage source inverter"** Proceedings of the International conference on Electrical sciences (ICES-2012), School Of Electrical And Electronics Engineering, SASTRA University, Thanjavur-613401, Sept. 14-15, 2012.

[11] **"Load demand compensation using multiple power generation system"** Proceedings of the International conference on Electrical sciences (ICES-2012), School Of Electrical And Electronics Engineering, SASTRA University, Thanjavur-613401, Sept. 14-15, 2012.

[12] **"A novel model of identification of fault"** Proceedings of the International conference on Electrical sciences (ICES-2012), School Of Electrical And Electronics Engineering, SASTRA University, Thanjavur-613401, Sept. 14-15, 2012.

National Conferences

[1] **"Prediction of weak load bus in interconnected power system"** proceedings of the National conference on Innovations in technology (EXOTECH '06) Sri Subramaniya coll ege of Engineering and Technology, Palani, India. 22nd April 2006.pp. 55-59.

[2] **"Mathematical analysis and design of IPFC in power system"** proceedings of the National conference on currents trends in technology (NUCONE 2006), Nirma University, Ahamedabad-382481, Gujarat, India.30Nov-Dec 2006.pp.75-80.

[3] **"Facts Devices Performance and Incorporating of SMES system"** Proceedings of the National Conference on Computational Intelligence in power apparatus and systems (CIPS-2008),SRM University, Chennai, India, April 18-19, 2008.pp.175-180

[4] **"Simulation and performance of power control using UPFC System"** Proceedings of the National Conference on ITPED-09, Velamal Engineering College, Chennai, IEEE-Madras section, .P.P.49-54.

[5] **"Simulation of Open and Closed Loop Controlled UPFC System"** Proceedings of NCIEEE'12, National conference conducted by Dept.of EEE, Sathyabama University, Chennai-119.

[6] "**Stability of Generator Excitation Control Using Digital AVR"** Proceedings of National Conference on Recent Trends in Electrical and Electronics Engg. (RTEEE 2012), 21st Sep 2012 at Sri Venkateswara College of Engineering and Technology, Tirupachur,Chennai.

[7] "**Simulation and Power Quality Management of UPFC System"** Proceedings for national conference on energy audit & power quality ISBN: 978-81-925141-1-6 (5th and 6th October, 2012), Organized by DrMGR educational and research institute University Chennai.

[8] "**Power System Operation Using Disseminated Unit System"** Proceedings for national conference on energy audit & power quality ISBN: 978-81-925141-1-6 (5th and 6th October, 2012), Organized by DrMGR educational and research institute University Chennai.

[9] "**Novel Method of Measurement of Power Flow with Loss Minimization"** Proceedings for national conference on energy audit & power quality ISBN: 978-81-925141-1-6 (5th and 6th October, 2012), Organized by DrMGR educational and research institute University Chennai.

JOURNALS		CONFERENCES	
International	**National**	**International**	**National**
20	15	12	9

Dr.S.Sankar,
Professor of EEE,
Panimalar Institute of technology,
No.391, Bangalore Trunk Road, Varadharajapuram
Poonamalle, Chennai - 600 123.
Phone: +91- 44 - 26491113, 26491114
Cell: 72995 36088
ssankarphd@yahoo.com