

Thiagarajar College of Engineering

Madurai 625 015

National Power Engineering Conference - 2010 (NPEC'10)

Session I 2nd December 2010			
	Title of the Paper	Authors	
1.	Advantage of Bus Hybrid Matrix to Symmetrical Short Circuit Studies	Dr. Mary Raja Slochanal Soosai Professor Electrical Engg. Dept., Higher Institute of Engineering, Hoon, Libya	Dr. Al Jilly Mohammad Ahmad, Professor and Head,, Electrical Engg .Dept., Higher Institute of Engineering, Hoon, Libya
2.	The Changing Scenario of Electricity Trading and Power Market Mechanism in India	Shafqat Nabi Mughal PG student, NIT Hamirpur , Himachal Pradesh.	
3.	Loadability Enhancement with FACTS Devices in Transmission System for Hybrid Model using Particle Swarm Optimization and Differential Evolution	S. Nagalakshmi Assistant Professor Department of EEE, Kamaraj College of Engg. & Tech., Virudhunagar.	Dr. N. Kamaraj Professor and Head, Department of EEE, Thiagarajar College of Engineering, Madurai.
4.	Neural Network Approach To Computation of Transfer Capability	J. Srinivasa Rao, Prof. in EEE Dept, QIS College of Engg. & Tech., Ongole, Andhra Pradesh.	J. Krishna Kishore, Prof. in EEE Dept, QIS College of Engg. & Tech., Ongole, Andhra Pradesh.

5.	Certain Studies in Power System Operation Using SSSC	A. Srinivasa Krishna , PG student, Department of Electrical Engg., SreeNidhi Institute of Sci. and Tech., Hyderabad - 501301	Dr. P. S. R. Murthy, Professor, Department of Electrical Engg., SreeNidhi Institute of Sci. and Tech., Hyderabad - 501301
6.	Real and Reactive Power Flows of DFIG with an External Faulty Condition	A. Ramkumar, Research Scholar, Dept of Electrical and Electronics Engg., Kalasalingam University, Srivilliputhur.	Dr. S. Durairaj , Professor Dept. of Electrical and Electronics Engg, Kalasalingam University, Srivilliputhur.
7.	Modified Three-Phase Load Flow for Distribution Systems	Vyvaka Rajasekhar, Department of Electrical Engineering, A U College of Engineering, Visakhapatnam.	Ch.V.V.S.Bhaskara Reddy, Department of Electrical Engineering A U College of Engineering, Visakhapatnam, India.
8.	Fuzzy-MAPSO Based Capacitor Allocation in Radial Distribution Feeder	E. Muthukumaran , PG student, Dept. of Electrical and Electronics Engg, K.L.N. College of Engineering, Madurai, Tamilnadu.	S. M. Kannan, Professor, Department of EEE, K.L.N. College of Engineering, Madurai, Tamilnadu – 630611.
			S. Kalyani, Assistant Professor, Department of EEE, K.L.N. College of Engineering, Madurai, Tamilnadu – 630611.
9.	Optimal Allocation of FACTS Device for Loadability Improvement in Power Systems	R. Medeswaran, Assistant Professor, Dept. of Electrical and Electronics Engg., Thiagarajar College of Engineering,	R. Manivarma, PG student, Dept. of Electrical and Electronics Engg., Thiagarajar College of Engineering, Madurai.

		Madurai.	Dr. N. Kamaraj, Professor and Head Dept. of Electrical and Electronics Engg., Thiagarajar College of Engineering, Madurai.
	Session II 2nd December 2010		
	Title of the Paper	Authors	
10.	Earthing System Design – A Review	Mehta Arjunsingh Ashok, Alternate Hydro Energy Center, Indian Institute of Technology Roorkee, Roorkee.	S. N. Singh, Alternate Hydro Energy Center, Indian Institute of Technology Roorkee. M. K. Singhal, Alternate Hydro Energy Center, Indian Institute of Technology Roorkee.
11.	Maximize IPP using PSO in Deregulated Environment	S.Chellam, PG student, Department of EEE, K.L.N. College of Engg., Pottapalayam – 630611.	S. Venkatesan, Prof., Electrical & Electronics Engg Dept, K.L.N.College of Engineering, Pottapalayam-630611. Dr. N. Kamaraj, Prof. & Head, Electrical & Electronics Engg Dept, Thiagarajar College of Engg., Madurai-625015.
12.	Placement of FACTS Devices Based on the Comparative Study of Static Voltage Stability Indices	Dr. Sarat Kumar Sahu, Associate Prof., Dept of EEE, MVGR.College of Engg., Vizianagaram-535005.	A. Appa Rao, Associate Prof, Dept. of EEE, G.M.R. Institute Of Technology, Rajam, Andhra Pradesh

			G. Sasi Kumar, Associate Prof., Dept of EEE, VNR.V.J.IET, Bachupally,Hyderabad-90,
13.	Implementation of New Improved Adjustable Speed Drive With High-Performance Z-Source Inverter	C. L. Kuppuswamy, PG student EEE Dept., Sathyabama University, Jeppiar Nagar, Chennai – 600119	
14.	Five Level Diode Clamped Multilevel Inverter	J. Vijay Anand, PG student, Dept. of EEE, Thiagarajar College of Engineering, Madurai -625 015	Dr. P.S.Manoharan, Assistant prof., Dept. of EEE, Thiagarajar College of Engineering, Madurai
			A .Ravi, Assitant Prof., Department of EEE, Sardar Raja College of Engg., Thirunelveli
15.	Novel Control Model based Single Phase UPQC	G. Nagaraju, PG student, Dept. of EEE, Narasaraopeta Engg. College, Narasaraopet, Andhra Pradesh,	Rajesh Yamarthi, Assistant Prof, Dept. of EEE, Narasaraopeta Engg College, Narasaraopet, Andhra Pradesh
			R. V. D.Rama Rao, Associate Professor, Dept of EEE, Narasaraopeta Engg. College, Narasaraopet, Andhra Pradesh
16.	Power flow control by using UPFC with PI&FUZZY logic controller	CH.Sunil prabhath, P.G Student, Narsaraopeta Engg. College. Narsaraopeta, Andhra Pradesh --522601	R. V. D. Ramarao, Assoc. Prof Narsaraopeta Engg. College, Narsaraopeta, Andhra Pradesh --522601

17.	Improvement of Power Quality by Harmonic Suppression in Nonlinear Loads using Dynamic Voltage Restorer	B. Ashok Kumar Assistant Professor, Dept. of Electrical and Electronics Engg., Thiagarajar College of Engineering, Madurai.	V. Arun kumar PG student, Dept. of Electrical and Electronics Engg., Thiagarajar College of Engineering, Madurai.
Dr. N. Kamaraj, Professor and Head Dept. of Electrical and Electronics Engg., Thiagarajar College of Engineering, Madurai.			
Session III 3rd December 2010			
Title of the Paper		Authors	
18.	Improvement of the MPPT Technique for Solar panel using Converter	B.Karthikeyan, PG student, K.S.R College of Engineering, Tiruchengode	R.Sankarganesh Asst.Prof, K.S.R College of Engineering, Tiruchengode.
19.	Torque Ripple Reduction by Using Space Vector Pulse Width Modulation for VSI Fed Induction Motor Drive	K. Gopala Krishna Asst prof., Dept of EEE, Adams Engg college, Paloncha, Andhra Pradesh -507115	Prof. P. Venugopal Rao Head of the Dept. EEE, SR Engineering College, Warangal-506371
20.	Implementation of Controlled Phase Shifter for Power System Damping	M.Yashwanth Kumar, PG student, Dept. of EEE, VNR Vignana Jyothi Institute of Engg. & Tech., Hyderabad	G.S Raju, Professor, Dept of EEE, VNR Vignana Jyothi Institute of Engg. & Tech., Hyderabad

21.	D-STATCOM Impact on Voltage Dip Mitigation at Wind Farms and Distribution Systems	Shereena Gaffoor, PG student, Dept of EEE, Govt. Engineering College, Thrissur, Kerala.	E.K. Bindumol, Senior Lecturer, Dept of EEE, Govt. Engineering College, Thrissur, Kerala.
22.	Power Quality Improvement by D-STATCOM with Different Control Strategies	Alladi. Arun Kumar, P.G Student, Narsaraopeta Engg. College, Narsaraopeta-522601	RVD Ramarao, Associate Prof., Narsaraopeta Engg. College, Narsaraopeta-522601
23.	A New Topology of Multilevel Inverters with Reduced Number of Switches	M. Murugesan, PG student, Dept. of EEE, K. S. Rangasamy College of Technology, Tiruchengode, Namakkal - 637215	G. Ashokkumar , PG student, K. S. Rangasamy College of Technology, Tiruchengode, Namakkal - 637215
			K. Ramani , Dr.A .Krishnan, Faculty of Electrical and Electronics Engineering K. S. Rangasamy College of Technology, Tiruchengode, Namakkal - 637215
24.	Speed Control of BLDC Motor by Using PID and Fuzzy Logic	G. Ashokkumar, PG student, Dept. of EEE, K. S. Rangasamy College of Technology, Tiruchengode, Namakkal. 637215	M. Murugesan, PG student, K. S. Rangasamy College of Technology, Tiruchengode, Namakkal. 637215
			K. Ramani , Dr.A .Krishnan, Faculty of Electrical and Electronics Engineering K. S. Rangasamy College of Technology, Tiruchengode, Namakkal - 637215

25.	Iterative Learning Control	T. Raj Kamal PG student, Dept. of EEE Thiagarajar College of Engineering, Madurai - 625015	Dr. P.S.Manoharan, Assistant prof., Dept. of EEE, Thiagarajar College of Engineering, Madurai
		M. Willjuice Iruthayarajan Assistant prof., Dept. of EEE, National Engineering College, Kovilpatti.	
26.	Estimating Voltage Collapse Proximity Indicator Using BP Neural Network Technique	A. Appa Rao, Associate Prof, Dept. of EEE, G.M.R. Institute of Technology, Rajam, Andhra Pradesh.	S. Lalitha Kumari, Dept. of EEE, G.M.R. Institute of Technology, Rajam, Andhra Pradesh.
<p>Session IV</p> <p>3rd December 2010</p>			
Title of the Paper		Author Co-Authors	
27.	Analysis and Comparison of Methods for Determining Proximity to Static Voltage Collapse	T. S. Kishore, Dept of Electrical & Electronics Engg, GMR Institute of Technology, Rajam.	J. Usha Rani, Dept of Electrical & Electronics Engg., GMR Institute of Technology, Rajam.
		M. Venkateshwara Rao Dept. of Electrical & Electronics Engg., GMR Institute of Technology, Rajam.	

28.	Modelling of UPQC for the Improvement of Power Quality With Model Predictive Control	Srinivasarao. Meda, P.G Student, Narsaraopeta Engineering College. Narsaraopeta-522601	RVD Ramarao, Associate. Prof., Narsaraopeta Engineering College, Narsaraopeta-522601
29.	Power Quality Data Classification Using S-Transform Based GA-SVM	K.Manimala, Assistant Prof., Dept. of CSE, Dr.Sivanthi Aditanar College of Engineering, Tiruchendur, Tamilnadu.	Dr.K.Selvi Professor, Department of EEE, Thiagarajar College of Engineering, Madurai
			R.Ahila, Assistant Prof.,Dept. of CSE, Dr.Sivanthi Aditanar College of Engineering, Tiruchendur, Tamilnadu
30.	Analysis of Furan contents in transformer oil using Refractive properties – A Review	R. Rajesh kumar, PG student, Dept of EEE, National Engineering College, Kovilpatti.	R. Karthik Lecturer, Dept of EEE, National Engineering College, Kovilpatti
31.	Impact of Harmonics on the Protection of VFD Driven Induction Motor	S. D. Suhasini, Agnel Polytechnic, Navi , Mumbai-400709.	J. R. Mundkar A.C. Patil College of Engineering, Navi , Mumbai-410210
32.	Efficiency Optimization of DTC based Induction Motor by Tuning Stator Resistance using PI Controller	N. Krishna Kumari Associate Prof., Dept. of EEE VNRVJIET, Bachupally, Hyderabad	P. Sravan Kumar, Assistant Prof., Dept. of EEE, St.Martin Engineering College, Hyderabad
33.	Power System Protection Using Geographic Information System	M. Geethanjali , Assistant Prof., Dept. of EEE, Thiagarajar College of Engineering, Madurai.	S. R. Beulah Violet , PG student, Dept. of EEE, Thiagarajar College of Engineering, Madurai.

34.	Performance analysis of HVDC system including SCFCL	Premila Manohar Dept. of Electrical & Electronics Engg M S Ramaiah Institute of Technology, Bangalore- 560054	Kusumika Krori Dutta Dept. of Electrical & Electronics Engg M S Ramaiah Institute of Technology, Bangalore- 560054
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