

2012 International Conference on Power, Signals, Controls and Computation

(EPSCICON 2012)

**Thrissur, Kerala, India
3 – 6 January 2012**



**IEEE Catalog Number: CFP1298R-PRT
ISBN: 978-1-4673-0446-7**

SL NO	TITLE OF THE PAPER	NAME
1	A Novel Neural Network Approach for Digital Image Data Encryption/Decryption	Saraswati D. Joshi
		Dr. V. R. Udupi
		Dr. D. R. Joshi
7	Towards the development of a new wavelet for ECG classification	Mr. Baby Paul
		K.T. Shanavaz
		P. Mythili
32	A New Algorithm to compute forward and inverse 2-D UMRT for N - a power of 2	PreethaBasu
		Bhadran. V
		R. Gopikakumari
37	Comparison of WVD Based Time-Frequency Distributions	Merlin Thomas
		Lethakumari B
		Roshen Jacob
45	An Improved EKF based neural network training algorithm for the identification of chaotic systems driven by time series	Archana R
		A Unnikrishnan
		R. Gopikakumari
4;	On a Methodology for Detecting Diabetic Presence from Iris Image Analysis	U. M Chaskar
		M. S. Sutaone
57	Demonstration of an observation tool to evaluate the performance of ICA technique	Kavitha.N.Nair
		Lethakumari B.
		A.Unnikrishnan
63	Control Strategy for a Single Phase Bidirectional Converter based UPS system using FPGA	P.Srinivasa Rao.
		B.Indu Rani indu
		G.Saravana Ilango
		C.Nagamani
69	Analysis of Transmitting Wire antenna	Shareena E.M
		Dr.Abdulla P
75	Powering of Wireless Sensor Nodes Battery using Single Energy Multi Data (SEMD) Transmission mode by Radio Frequency energy	Pawan Kocher
		Simarpreet Kaur

7;	A Study on the DC Conductivity and Thermoelectric Properties of Carbon Nanotubes Based Polyaniline Composites	A.P. Sobha
		Sunil.K.Narayanankutty
86	Performance Analysis Of High Dynamic Range Image Watermarking Based On Quantization Index Modulation	shiju k p
		Tamil Selvi P
		anantpdeshpande
8;	A Novel Anti Phishing framework based on Visual Cryptography	Divya James
		Mintu Philip
96	Graph colouring based Image similarity	Leena Silvester M
: 3	Image Denoising Solutions using Heat diffusion Equation	Lakshmi K
		Parvathy R
		Soumya S
: 8	Robust Adaptive Integral Backstepping Control and its Implementation on Motion Control System	Shubhobrata Rudra
		Kasturi Ghosh
		Monalisa Das
; 4	Parametrized Model Order Reduction for Fast Transient Electromagnetic Simulations	Mohammad Abid Bazaz
		Mashuq-un-Nabi
		S. Janardhanan
; 8	A Non Linear PID Fuzzy Approach to Inverted Pendulum Controller with Evolutionary Parameter Optimisation	Rehna Nalakath
		Dr. M P Nandakumar
324	Optimal control of a Heat conduction problem using its Low order Approximation	Shahkar Ahmad Nahvi
		Mashuq-un-Nabi
329	Adaptive Fuzzy logic Position control of a Stepper motor with a Robust Extended Kalman filter	Bindu V
		A Unnikrishnan
		R Gopikakumari

335	Real Time Simulation: Recent Progress & Challenges	P.M.Menghal
		A. Jaya Laxmi
33;	New Delay-dependent Stabilization Result for Linear Time-delay System with Actuator Saturation	Rajeeb Dey
		A. Rakshit
		G. Ray
347	Estimation and Elimination of DC Component in Digital Relaying	K Venkatesh
		K S Swarup
352	Performance of Gas Insulated Substation under Particle Contamination with Charge Simulation Method (CSM)	K B V S R Subrahmanyam
		J.Amarnath
357	An Analysis of Transient Characteristics of Interconnected DFIG with Hydro Governor Synchronous Generator	A. Ramkumar
		S. Durairaj
367	Dynamic performance of HVDC system with fuzzy controlled SMES	P.Usha
		Premila Manohar
372	Fuzzy logic based indirect Vector control of Induction generator in Wind Energy Conversion System	Sreenivasa Rao
		A. Jaya Laxmi
377	Superconducting Fault Current Limiter to Mitigate the Effect of DC Line Fault in VSC-HVDC System	Premila Manohar
		Wajid Ahmed
383	modelling and simulation of pv based pumping system for maximum efficiency	Biji.G
389	Fault Identification in HVDC using Artificial Intelligence – Recent Trends and Perspective	M Ramesh
		A. Jaya Laxmi
		P.M.Menghal

395	Design and Simulation of Back-to-back converter for Modern Wind Energy Generation System Using D-SPACE	A.P.deshpande
		B.N.Chaudhari
		V.N.Pande
39;	A Hybrid Pricing Strategy for Distributed Generation using Small Hydel Energy	Jaimol Thomas
		S. Ashok
3: 8	Modeling of STATCOM under Different Loading Conditions	Gishin Jacob George
		Rakesh R
		Prof.M.Kowsalya
3; 4	Wind Data Analysis: A Case Study	Jyoti Nimbale
		Jangamshetti S.H
		Naik R. L
3; 9	A Tuned Fuzzy Based Power System Stabilizer for Damping of Low Frequency Oscillations	Renuka T K
		Sobha Manakkal
425	A parallel ABC for security constrained economic dispatch using shared memory model	C. Christopher Columbus
		Sishaj P Simon
42;	Binary/Real Coded Particle Swarm Optimization for Unit Commitment Problem	K.Chandrasekaran
		Sishaj P Simon
437	Current Controlled Voltage Source Inverter Using Hysteresis Controller And Proportional Integral Controller	Alamelu Nachiappan
		Sundararajan K
		Malarselvam V
443	Estimation of daily global solar radiation using air temperature, relative humidity and seasons with ANN for Indian stations	K.D.V.Siva Krishna Rao
		B.Indu Rani
		G.Saravana Ilango
449	Modeling and Optimal Placement of Voltage Regulator for a Radial System	Shweta A Dolli
		Dr Suresh H Jangamshetti

455	PSO and P&O based MPPT Technique for SPV Panel under Varying Atmospheric Conditions	Rahul Suryavanshi
		Diwakar R. Joshi
		Suresh H. Jangamshetti
45;	Comparative evaluation of modelling methods for TCSC in Optimal Power Flow studies	S.Sreejith
		Sishaj P Simon
		M P Selvan
467	Fuel Management Strategy of Combined Cycle Power Plant under Uncertainty	N.Vaitheeswaran
		R.Balasubramanian
472	Power System Stability Enhancement with SMES	Rintu Khanna
		Gurnam Singh
		T.K.Nagsarkar
477	Dynamic Modeling and Analysis of an Isolated Self Excited Induction Generator Driven by a Wind Turbine	Jayalakshmi N.S
		D.N.Gaonkar
482	An Integrated Method for Numerical Computation of Electric Field Using Parametric CAD Module	Abhijit Lahiri
		Arijit Baral
488	Fuzzy logic based maximum power point tracker for a photovoltaic system	Vipin Padmanabhan
		Beena V
		Jayaraju M
494	Fault Ride-Through of Doubly-Fed Induction Generators	Jayashri Ravishankar
		Kazi Ahsanullah
49:	Short- term load forecast of a low loadfactor power system for optimizatoin of merit order dispatch using adaptive learning algorithm	K.Pramelakumari
		S.R.Anand
		Dr.V.P. Jagathy Raj
4: 7	An Integrated Approach for the Voltage Stability Enhancement of Large Wind Integrated Power Systems	Maya.B
		Sasidharan Sreedharan
		Jai Govind Singh

4; 3	Congestion Management based on Demand Management and Impact of GUPFC	Charan Sekhar
		Ashwani Kumar
4; 9 "	Egpegr wcnl'F guki p'qh'c"Vj gto qgrgevtle" Edu-Kitchen System	C0Ukxcucxc
		F0F wtcp
		O0Rkpf gt
		P0Mqo gtcvj
525	A Faster 2D Technique for the design of Combinational Digital Circuits Using Genetic Algorithm	Vijayakumari. C.K
		Mythili. P
52:	An Intelligent Approach for Mining Frequent Patterns in Spatial Database System Using SQL	Animesh Tripathy
		Subhalaxmi Das
		Prashanta Kumar Patra
536	Enhancing Flexibility and Portability of Execution Preserving Language Transformation using Meta Programming	Nadera Beevi S
		D.ChitraPrasad
		Vinod Chandra SS
53:	Validation of a Prediction Model for Control of Micro Wind Turbines	Narayanan Komerath
		Ryan McGowan
546	Predicting the BSE Sensex: Performance Comparison of Adaptive Linear Element, Feed forward and Time Delay Neural Networks	Binoy B. Nair
		M.Patturajan
		V.P Mohandas
		Sreenivasan R.R
54;	Simulation of a PMSM based Electric Motor Propulsion system for HEV application using Fixed Inverter Switching Frequency	Siddhartha Anirban Singh
556	A Comparative Study of Sensor and Sensor less Control of Four-Switch Inverter Fed Permanent Magnet Brushless DC Motor	Akhila R
		Nikhil S
	Power System Stability using Fuzzy Logic based Unified Power Flow Controller in SMIB Power System	Rajan Manrai
		Rintu Khanna
		Balwinder Singh