## 2015 International Conference on Computation of Power, Energy Information and Communication (ICCPEIC 2015)

Melmaruvathur, Chennai, India 22-23 April 2015



**IEEE Catalog Number: ISBN:** 

CFP1570U-POD 978-1-4673-6526-0

S.NO	PAPER TITLE/AUTHOR	PAGE NO
1.	Techniques to Increase Surge Impedance Loading Level of EHVAC Transmission Lines for Improving Power Transfer Capability	518
	Varun patel, J.G.Jamnani	
2.	Generation of Power Quality Disturbances Using MATLAB-Simulink	301
	Paramanand V. Dhote, B. T. Deshmukh, B. E. Kushare	301
3.	Electric Field Calculation And Material OptimizationOf 765kv Bushing Using FEA	64
	Avilapriya.F, Kalaiselvam., K'Poongothai.K, Arun.R, T. Prabakaran	0.1
4.	Nuclear Power- A Potential Source To Meet Future Electricity Demands In India IndrakantiAbhinay Sri Teja,Anjali Jain,LahariYalavarthi, SumanthYamujala	166
		100
5.	Enhancement Of Power Quality Using Shunt Active Power Filter By Adaptive Hysteresis Current Control Technique	313
	Poongothai.K,Avilapriya.F,Arunkumar,Vijayakumar.K,Senthilkumar.A	
6.	A Study On Optimal Capacitor Placement In Distribution System: Conventional And Artificial Intelligence Techniques	159
	Harleen Kaur, Puneet Kumar, AnujaSharma,NikhilKamaiya	
7.	GIS – SCADA: Integration And Applications In Distribution Network	
	Prerna Bhargava, Anjali Jain, ShagunSingh, Vivek Kumar Thakur	354
8.	Reduction Of Loadability With Tese And Contribution Analysis Between Generator	
	To Load Using Tracing Method  Vinoth.K, Arul .P	553

9.	Power Quality Improvement By Shunt Active Filter For Low Cost Applications	
	M. Hareesh, G. Siva Kumar, D. Sreenivasarao	153
10.	A Comparison And Analysis Of Control Algorithms For Shunt Active Power Filter  Gaurao A. Dongre, Vishal V. Choudhari, Seema P. Diwan	129
11.	Design And Analysis Of 11 KV Distribution System Using Etap Software	
	C.J.Soni, P.R.Gandhi, S.M.Takalkar	451
12.	Design Of Active Filters To Reduce Harmonics For Power Quality Improvement	226
	H. Prasad, T. D. Sudhakar	336
13.	Harmonic reduction strategy for an AC voltage controller without DC link	140
	R.Geetha, C.Sumithra, M.Ramaswamy	
14.	Mitigation Of Current Harmonics In A Solar Hybrid System By Installation Of Passive Harmonic Filters	345
	H. Prasad, Dr. T. D. Sudhakar, M. Chilambarasan	
15.	Simulated Annealing Approach For Congestion Minimization Using Distributed Power Generation	27.6
	C.Nayanatara, J.Baskaran, D.P.Kothari	276
16.	Novel Optimization Technique for Energy Demand Management via dispatchable, non dispatchable and storage devices	<i>1</i> 10
	Sannayalasreekanth, Sailajakumari	418
17.	Simulation of neuro fuzzy and ANFIS in sensorless control of BLDCM drive for high speed application	306
	Pavithra.G, Lakshmi.G.R.P	

18.	Wind-Photovoltaic Systems for Isolated Load Condition  Justin Simon, Ramprabhakar.	200
19.	Development of Low Cost, Shade Tolerant Maximum Power Point Tracking system: Optimizing Return on Investment	21
	Ali ShazanGulrez, Aqib Siddiqui, Charu Dixit, Abu Tariq	
20.	Modeling and Analysis of Wind Farms in Load Flow Studies	
	Priyadharshini.P, Mohamed ThameemAnsari.M	364
21.	Speed control of BLDC motor for four quadrant operation without loss of power	
	Vijayakumar.V, Udayakumar.V, Muruganandham.J	541
22.	Simulation and Performance Analysis of a 1kWp Photovoltaic System Using PVsyst	2.70
	Priya Yadav, Nitin Kumar, chandel. S.S	358
23.	Optimal trajectory planning of industrial robot with evolutionary algorithm  Mulik P.B	256
24.	Sliding Mode Controller Design For DC Motor With Non-Linearities	
	Vyoma Singh, Veena Sharma	558
25.	PFC Bridgeless Buck-Boost Converter-Fed BLDC Motor Drive	171
	S.Jagadeeswari, N.Hemalatha, J. Baskaran	171
26.	A Novel power factor correction technique for a boost converter  M.subhashini, G.yazhini, M.Ramaswamy	464
27.	Design And Development Of Z Source Cascaded Seven Level Inverter For Solar Photovoltaic System	87
	Birundha.S, Saravanan.V	
28.	High Voltage Power Electronic Drive Circuit For Flapping Wing MAV  DineshkumarHarursampath, Veena J Krishnan,	524

29.	Battery Charging And Discharging Kit With DAQ To aid SOC Estimation <i>Adil Usman, Pavan Kumar P , Divakar B.P</i>	13
30.	PV Fed MLI With ANN Based MPPT NirupamaNambiar, Rosemary.S.Palackal, Greeshma.K.V, Chitra.A	293
31.	Analysis Of Multiple Output SMPS Topology For PC Application  Asha E Joy, Anudev J	59
32.	Design Of Current Mode Controlled SEPIC DC-DC Converter For MPPT Control Of Wind Energy Conversion Systems  Jakeer Hussain ,Mahesh K. Mishra	177
33.	Analysis Of High Voltage Gain DC-DC Converter For Alternative Energy Sources.  *Poovarasan.P*, Saraswathi.M*, Nandhini.R*	320
34.	Novel Asymmetrical Multilevel Inverter Topology With Reduced Number Of Switches For Photovoltaic Applications  **Dhananjaya. Mudadla, Sandeep. N	123
35.	Switched-Capacitor/Switched-Inductor Cuk-Derived Hybrid Converter For Nanogrid Applications  Sarath R, P. Kanakasabapathy	430
36.	A New Hybrid Multi Level Inverter To Improve The Performance Of Induction Motor  MuraliKrishna.T, BharghavKumar.C	264
37.	Maximum Tracking Photovoltaic System For PWM Inverter  Amruta R. Dinde, S. R. Jagtap	28
38.	Adaptive Fuzzy Logic Controller For Buck Converter Bhagyashri U. Patil, S. R. Jagtap	78
39.	VSC Based Bidirectional Converter And Battery Energy Storage System For Microgrid Application  SrujanaRaghupatruni U, Sidra Khanam	457

40.	Performance Analysis Of Two Switch Buck Boost Converter Fed DC Motor ChitraChandran ,Lekshmi R. Chandran	99
41.	Analysis Of Bidirectional Flyback Converter  Saranya P S ,Lekshmi R. Chandran	425
42.	Solar Power Embedded Based Svpwm Generator For Three Phase Inverter  ThamaraiT, Kashwan K R	502
43.	A Modified Carrier PWM Strategy for Multi level inverters  Maalmarugan.J,Baskaran.J,Tamizharasan.s	230
44.	High gain boost converter with reduced switching stress  raja basak	393
45.	Analysis of Multistage Flyback Photovoltaic Conversion System <i>K.Anbukkaniraja, N.Manimaran, J.Baskaran</i>	33
46.	Comparison of Controllers in SEPIC DC-DC Converter With High Gain S. A. Elankurisil, V. P. Deepika, J. Baskaran	110
47.	Performance Analysis of Seven Level Inverter with Interleaved Boost Converter under Phase Disposition and Variable Frequency Inverted Sinusoidal PWM's <i>M.Vidhya, N.Dhivya Devi, J.Baskaran</i>	528
48.	Analyze and Investigation of Luo DC-DC Converter with Increased Efficiency S. Wasim Raja, N. Manimaran, S.A. Elankurusil, J. Baskaran	564
49.	Electronic Portal Image Processing for High Precision Radiotherapy  Aayesha Hakim, Rajesh Harsh, K.T.V. Talele	7
50.	Non-local Incoherent Artifact Reduction in MRI using Compressed Sensing BharatkumarTak, Rajesh Harsh, DharmeshVerma, Y. S. Rao	83
51.	Inverse Kinematics Solution of a Five Joint Robot using Feed Forward and Radial Basis Function Neural Network  Devi.R. Raj, I. JacobRaglend, M. DevAnand	117

52.	Parametric Study of Tapered Slot Antenna for Wideband Applications  BabuSaraswathi, K.Lekshmi, I. Jacob Raglend	71
53.	An Optimal Approach for Social Data Analysis in Big Data  Kamala.V.R, L.MaryGladence	205
54.	A Survey Based on Smart Homes System using Internet-of-Things  Pranay P. Gaikwad, Jyotsna.P, Gabhane, Snehal S. Golait	330
55.	A Novel Design of Microstrip Fractal Antenna for Wireless Sensor Network  DebaprasadBarad, SubhrakantaBehera	470
56.	Minimization of Outage Probability and Maximization of Network Lifetime of CRN using Battery Power  Sudip Mukherjee, ChinmoyMaji	475
57.	Multi-Clock Domain Synchronizers  SachinHatture, SudhirDhage	403
58.	Hindi-English Speech-to-Speech Translation System for Travel Expressions  Mrinalini K, Vijayalakshmi P	250
59.	Prosodic Modification of Speech to Incorporate Happy and Sad Emotions  Janani Chellam I, Vijayalakshmi P, Anushiya Rachel G, Nagarajan T	183
60.	Effect of Receivers Densities and Manipulation of Trasmission Data Rate on Tradeoff Between Power Consumption and Bandwidth Consumption in OFDM Based Wireless Distributed Computing Network  TanguduRamji	485
61.	Neural Analysis for Multiband Antennas  AnuradhaSonker, Pravin Kumar, KrishanjeetBhaliyan	43

62.	Literature Review on CBR Approches for Matching Composite Sketches to Facial Photographs  **Javeriya Ashraf, P.S.Mohod**	189
63.	Effect of System's Load and Computational Data Rate On Tradeoff Between Latency Consumption and Bandwidth Consumption in OFDMBased Wireless Distributed Computing Network	491
64.	TanguduRamji, P.SirishKumar Reliable Graph- Based Routing In Vanet Environment ManjuDhiman, MamathaJadhav. V	235
65.	A Novel Scheme For Energy Enhancement In Wireless Sensor Networks  DeepaV. Jose, G.Sadashivappa	104
66.	Recognition of online handwritten bangla characters using hierarchical System with denoising autoencoders  ArghyaPal, J. D. Pawar	47
67.	An Approach To Improvise Recognition Rate From Occluded And Pose Variant Faces  VijayalakshmiA., Pethuru RAJ	547
68.	A versatile, low power on monitoring and control system for shrimp farms Based on nimyrio and zigbee network  Nguyen Tang Kha duy,tran trong hieu,luonghong duy khanh	282
69.	A study on clustering and collaborative filtering S.Ancy, VysaliUnniKrishnan,K.Vijay	39
70.	Generation Of Caption Selection For News Images Using Stemming Algorithm  D.Ramya	536
71.	Hardware implementation of visible watermarking  RajiPandurangan, E.Logashanmugam, T.V.V.KiranKumar	400

72.	A tracking system with high accuracy using location prediction and Dynamic threshold for minimizing sms delivery.  S.Monica, J.O.Aasha, E.Brumancia	1
73.	Smart irrigation system with three level access mechanisms  MuzammilHussain, S.P.Gawate, P.S.PRasad, P.A.Kamble	269
74.	Effective power utilization and conservation in smart homes using iot <i>J. Jeyapadmini, K. R. Kashwan</i>	195
75.	Propagation delay comparison of single and multi-layer graphene nano ribbon  Gaurav Kumar	134
76.	efficient public key cryptosystem for scalable data sharing in cloud storage  *PramilaGharjale**	325
77.	An efficient group authentication mechanism supporting key confidentiality,  NikhithaK. Nair,	288
78.	Navigation system for visually impaired people  ChaitaliKishorLakde, Prakash S. Prasad	93
79.	Design and implementation of electical distribution line monitoring and Controlling using wireless network  TruptiSudhakarSomkuwar, Mahesh G. Panjawani	508
80.	Densed circular polarized microstrip antenna for telecommunication system  Prasitha.M, Yogeshwaran.A	350
81.	Design and implementation of real time web–based geographic pollution monitoring system  Snehal.V.SIrsikar, Priya. Karemore	447

82.	Design and implementation of real time secure sms transmission ShitalD.Rautkar, Prakash S. Prasad	443
83.	Dynamic spectrum access gaining devices for wireless sensor network  Meghathakre, vaishalisahare	239
84.	Secure communication in a private network  Sandhya DhruvkumarPatil	414
85.	Feasible central location determination using stealth geo-synchronization  LochanaGaulkar, VAishaliKatkar	225
86.	Optical multiplexer configuration management platform  Sagar I Shahabade ,Vikram Seshasa G. Sadashivappa	409
87.	Compressed sensing based quantization with prediction encoding for video transmission in wsn  Aruna.N Angayarkanni.V Radha.S	52
88.	A Real Time Processing and Streaming of Wireless Network Data using StormMohit M. Maske, Prakash Prasad	244
89.	Adaptive Resource Allocation and its Scheduling for good Tradeoff between Power Consumption and Latency in OFDMA based Wireless Distributed Computing System  Tangudu Ramji	496
90.	C2F: A Clustering Based Collaborative Filtering Approach for RecommendingProduct to	144
	R. Gowri. Arvind M. J. Ashish Kumar Jeric Rajan K	

91.	A Novel Bio-inspired Algorithm based on the Foraging Behaviour of the BottlenoseDolphin <i>G.Kiruthiga, S.Krishnapriya, V.karpagambigai,N.Pazhaniraja, P.Victer Paul</i>	209
92.	Sentiment analysis using big data  R. Suresh Ramanujam R. Nancyamala J. Nivedha J. Kokila	480
93.	A novel web service publishing model based on social spider optimization technique V.PriyadharshiniP.DivyaD.PreethiN.PazhanirajaP.Victer Paul	373
94.	Automatic Level Crossing Gate With Databasecollection  J.C.Priyanka , A.Saranya , C.Shanmathi , S.Baranikumar	388
95.	A study on removal techniques of Cross-Site Scripting from web applications  G. Shanmugasundaram S.Ravivarman P.Thangavellu	436
96.	State Estimation of Quadruple tank sytesm using non linear estimator	
	Valarmathi R, Vignesh @ Sairam R, Muthukumar N, Ramkumar K.Balasubramanian G,Seshadri Srinivasan	513