

LIST OF PUBLICATION

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Sl No	Authors	Title of Paper	Journal	Volume /Issue	Pages	Publisher	Year
	S Agarwal, A.Swetapadma, CK Panigrahi, A. Dasgupta	A method for fault section identification in High voltage direct current transmission lines using one End measurements	Electric Power Systems Research	172,	140-151	Elsvier	2019
	SB Santra, K Kumar, P Biswal, CK Panigrahi	Lyapunov Based Fast Terminal Sliding Mode QV Control of Grid Connected Hybrid Solar PV and Wind System	IEEE Access	6	39139-39153	IEEE	2018
	S Agarwal, A Swetapadma, C Panigrahi	An improved method using artificial neural network for fault detection and fault pole identification in voltage source converter-based high-voltage direct current transmission ...	Arabian Journal for Science and Engineering	43 (8),	4005-4018	Springer	2018
	S Agarwal, CK Panigrahi, A Sahoo, S Mishra	A novel Study on Bipolar High Voltage Direct Current Transmission Lines Protection Schemes	International Journal of Electrical and Computer Engineering (IJECE)	8 (4)		IEEE	2018
	N Swain, SM Ali, CK Panigrahi, DP Kumar	Sliding Mode Controller-A Nonlinear Approach to Non-Isolated Cuk Converter for Constant Voltage Application	2018 2nd International Conference on Trends in Electronics and Informatics ...		288-292	IEEE https://ieeexplore.ieee.org/abstract/document/8553841	2018
	RN Dash, C Panigrahi, B Subudhi, SP Sahoo	Induction motor health identification using wavelet transform technique	Technologies for Smart-City Energy Security and Power (ICSESP),		1-6	https://ieeexplore.ieee.org/abstract/document/8376727	2018

	A Sahoo, S Agarwal, MM Sahu, CK Panigrahi	A review of recent control strategies for wind farm based HVDC systems	Technologies for Smart-City Energy Security and Power (ICSESP)		1-8	https://ieeexplore.ieee.org/abstract/document/8376674	2018
	P.P,Pattanaik, CK Panigrahi	Stability and fault analysis in a power network considering IEEE 14 bus system	2nd International Conference on Inventive Systems and Control (ICISC ...		1134-1138	https://ieeexplore.ieee.org/abstract/document/8398981	2018
	S Agarwal, A Swetapadma, C Panigrahi, A Dasgupta	Fault analysis method of integrated high voltage direct current transmission lines for onshore wind farm	Journal of Modern Power Systems and Clean Energy		1-12	Springer Berlin Heidelberg https://link.springer.com/article/10.1007/s40565-018-0483-4	2018
	C Jena, M Basu, CK Panigrahi	Modified evolutionary programming for short-term hydrothermal scheduling	International Journal of Power and Energy Conversion	9 (4)	384-408	Inderscience Publishers (IEL) https://www.inderscienceonline.com/doi/abs/10.1504/IJPEC.2018.094958	2018
	R Senapati, RN Senapati, MK Moharana, CK Panigrahi	A Comparative Study of Shunt Active Power Filter and Unified Power Quality Conditioner under Sinusoidal Current Control Strategy in Grid Connected Mode	International Journal of Applied Science Engineering & Management (IJASEM) 3 ...	Vol:3, Issue: 6	11-26		

	S Jena, S Sahoo, CK Panigrahi	Effect of irradiance on yield factor of solar photovoltaic plant—A case study	Innovative Mechanisms for Industry Applications (ICIMIA), 2017 International ...	IEEE	597-601	https://ieeexplore.ieee.org/abstract/document/7975530	2017
	S Sahu, RN Dash, CK Panigrahi, B Subudhi	Unbalanced voltage effects and its analysis on an induction motor	Innovative Mechanisms for Industry Applications (ICIMIA), 2017 International ...	IEEE	263-268	https://ieeexplore.ieee.org/abstract/document/7975616	2017
	S Agarwal, A Swetapadma, C Panigrahi, A Dasgupta	Fault detection in direct current transmission lines using discrete fourier transform from single terminal current signals	Electronics , Materials Engineering and Nano-Technology (IEMENTech), 2017 1st ...	IEEE	1-5	https://ieeexplore.ieee.org/abstract/document/8076975	2017
	Sushmita Das, Aleena Swetapadma, Chinmoy Panigrahi	Building Occupancy Detection Using Feed Forward Back-Propagation Neural Networks	Computational Intelligence and Networks (CINE), 2017 3rd International Conference on	IEEE	63-67	IEEE https://ieeexplore.ieee.org/abstract/document/8307332	2017
	Prabhash Nanda, CK Panigrahi, Abhijit Dasgupta	PMU implementation for a Wide Area Measurement of a power system	Devices for Integrated Circuit (DevIC), 2017	IEEE	690-694	IEEE https://ieeexplore.ieee.org/abstract/document/8074038	2017
	Shobha Agarwal, Aleena Swetapadma, Chinmoy Panigrahi, Abhijit Dasgupta	Intelligent computing based converter fault identification in line commutated high voltage direct current transmission line	Electronics , Materials Engineering and Nano-Technology (IEMENTech), 2017 1st International Conference on	IEEE	1-4	IEEE https://ieeexplore.ieee.org/abstract/document/8076970	2017

	PrabhashNanda ^a C.K.Panigrahi ^b AbhijitDasgupta ^b	Phasor Estimation and Modelling Techniques of PMU- A Review	Energy Procedia	Volume 109, open access	Pages 64-77	Elsevier https://www.sciencedirect.com/science/article/pii/S1876610217300747	2017
	Sreedhar Madichetty, Abhijit Dasgupta, Sambeet Mishra, Chinmoy Kumar Panigrahi, Ghouse Basha	Application of an Advanced Repetitive Controller to Mitigate Harmonics in MMC With APOD Scheme	IEEE Transactions on Power Electronics	31/9	pp6112-6121	IEEE	2016
	Sambeet Mishra, CK Panigrahi, DP Kothari	Design and simulation of a solar-wind-biogas hybrid system architecture using HOMER in India	International Journal of Ambient Energy	37/2	pp184-191	Taylor & Francis	2016
	C Jena, M Basu, CK Panigrahi	Differential evolution with Gaussian mutation for combined heat and power economic dispatch	Soft Computing	20/2	pp681-688	Springer Berlin Heidelberg	2016
	S Pati, CK Panigrahi, PR Pattanaik	A Superimposed Components based Fault Detector for Power System Applications	Indian Journal of Science and Technology	9/13			2016
	C Jena, M Basu, CK Panigrahi	Improved Differential Evolution for Combined Heat and Power Economic Dispatch	International Journal of Emerging Electric Power Systems	17/2	pp151-163		2016
	Satyanarjan Jena, Bhabasis Mohapatra, Chinmoy Kumar Panigrahi, Subodh Kumar Mohanty	Power quality improvement of 1- ϕ grid integrated pulse width modulated voltage source inverter using hysteresis Current Controller with offset band	Advanced Computing and Communication Systems (ICACCS), 2016 3rd International Conference on	Vol:1	Pp1-7	IEEE	2016

	Pratyasha Tripathy, CK Panigrahi, Biswajit Ghosh	A Review on the Analytical Aspects of Biomass Plant	Journal of Biofuels and Bioenergy	2/1	pp36-43	Sardar Swaran Singh National Institute of Bio-Energy	2016
	Arun Kumar Nanda, CK Panigrahi	A state-of-the-art review of solar passive building system for heating or cooling purpose	Frontiers in Energy		pp1-8	Higher Education Press	2016
	BK Prusty, CK Panigrahi, SM Ali	Study of Fault Analysis In a Doubly Fed Induction Generator Wind Energy Conversion System	International Journal of Engineering Sciences & Emerging Technologies,	Volume 9, Issue 1	Pp 9-17		2016
	Satyanarjan Jena, Bhabasis Mohapatra, Chinmoy Kumar Panigrahi	Realization of double band hysteresis current controller for single phase grid connected pulse width modulated voltage source inverter	Conference : 2015 International Conference on Man and Machine Interfacing (MAMI)		pp1-6	IEEE	2015
	M Sreedhar, CK Panigrahi, LV Suresh Kumar, M Das	A comparative analysis of circulating current controllers for modular multilevel converters	2015 IEEE Power, Communication and Information Technology Conference (PCITC)		pp973-978	IEEE	2015
	Satyanarjan Jena, Pratik Ranjan Behera, Chinmoy Kumar Panigrahi	Modified hysteresis current-controlled PWM strategy for Single phase grid connected inverters	2015 IEEE Power, Communication and Information Technology Conference (PCITC)		pp930-934	IEEE	2015
	Mrutyunjay Das, CK Panigrahi, MK Moharana	Improvement of the Performance of PV System with CUK Converter by MPPT Technology	International Journal of Computer Applications	127/5	pp33-36		2015

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	M Sreedhar, Chinmoy Kumar Panigrahi, Abhijit Dasgupta, J Pati	A New Advanced Topology for Photo Voltaic Applications	International Journal of Applied Power Engineering (IJAPE)	4/1			2015
	Sambeet Mishra, CK Panigrahi, Ritesh Dash	A study on the contact technology of nanomaterial and characterization of the ohmic contact layer in Cds-Al junction	Circuit, Power and Computing Technologies (ICCPCT), 2015 International Conference on		Pp1-7	IEEE	2015
	Rakesh Kumar Dhal, Bulbul Sharma, Chinmoy K Panigrahi	A Comparison Study Between Stereotypical Multilevel-Inverters With Multistring Inverter In Three-Phase Loaded Condition			pp72 (6.)-72 (6.)	IET Digital Library	2015
	Arun Kumar Nanda, CK Panigrahi	Review on smart home energy management	International Journal of Ambient Energy		Pp1-6	Taylor & Francis	2015
	Pratyasha Tripathy, B Ghosh, CK Panigrahi, Sambeet Mishra	A study on the choice and potential of biomass in the state of Odisha	Conference : Electrical, Electronics , Signals, Communication and Optimization (EESCO), 2015 International Conference on		Pp1-6	IEEE	2015
	Prabhash Nanda, CK Panigrahi, Abhijit Dasgupta	Energy Management System in Smart Grid: An Overview	IJRSI	Volume II, Issue XII,			2015
	S Pati, CK Panigrahi, PR Pattanaik	A Cumulative Sum-Based Fault Classifier for Power System Relaying	I J C T A	8(5),	pp. 2343-2349	International Science Press	2015

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	Mrutyunjay Das, CK Panigrahi, MK Moharana	Design Aspects and Different Control Strategy of Stand-Alone PV System by MPPT Technology	JLTEMAS	Volume IV, Issue VIII	Pp 95-103	www.ijltemas.in	2015
	Rupen Bhattacharya, Chinmoy Kumar Panigrahi	Dynamic economic load dispatch using classical and soft computing techniques	Conference : Green Computing Communication and Electrical Engineering (ICGCCEE), 2014 International Conference on		Pp1-6	IEEE	2014
	CK Panigrahi, Pradosh Ranjan Parida, M Das, J Pati	<u>Design and modeling of photovoltaic water pumping system</u>		Vol:3	pp2278-2540	IJLTEMAS	2014
	C Jena, Amruta Das, CK Paniigrahi, M Basu	Modelling and simulation of photovoltaic module with buck-boost converter	Int J Adv Eng Nano Technol	1/3	Pp4		2014
	Shailaja Rout, Pradosh Ranjan Parida, Chinmoy Kumar Panigrahi, M Basu	Modeling, Control and Implementation of Dc-Dc Converters for Variable Frequency Operation	i-Manager's Journal on Electrical Engineering	7/2	34	iManager Publications	2013
	Akhilesh A Nimje, Rajendra M Bhome, Chinmoy Kumar Panigrahi	Simulation of Tie Lines in Interconnected Power Systems	International Journal of Application or Innovation in Engineering & Management (IJAIEM)				2013
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	Akhilesh A Nimje, Chinmoy K Panigrahi, Ajaya K Mohanty	Enhanced power transfer capability by using SSSC	Journal of Mechanical Engineering Research	Vol:3, Issue:2,	pp48-56	Academic Journals	2011
	Akhilesh A Nimje, Chinmoy Kumar Panigrahi, Ajaya Kumar Mohanty	Energy Function Based Transient Stability Assessment of SSSC and IPFC	International Electrical Engineering Journal (IEEJ) Vol	Vol:2	pp543-549		2011
	CK Panigrahi, U Prasad, Chattopadhyay PK	Linear Programming Approach for Risk Assessment of Generators Bidding in a Day-Ahead Market		1/4	4		2011
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	R Chakrabarti, PK Chattopadhyay, M Basu, CK Panigrahi	Particle swarm optimization technique for dynamic economic dispatch	Journal-Institution of Engineers India Part E1 Electrical Engineering Division	Vol: 87	48	IE (I) Electrical Division	2006
	CK Panigrahi, PK Chattopadhyay, R Chakrabarti	<u>Load despatch and PSO algorithm for DED control</u>	International Journal of Automation and Control	Vol:1/ Issue :2-3	pp 182-194	Inderscience Publishers	2007

	Akhilesh A Nimje, Chinmoy Kumar Panigrahi	<u>Transient stability analysis using modified Euler's iterative technique</u>	Conference : Power Systems, 2009. ICPS'09. International Conference on	-	pp1-4	IEEE	2009
	CK Panigrahi, R Chakrabarti, PK Chattopadhyay	Economic environmental dispatch by a mode technique	Journal of Circuits, Systems, and Computers	17/3	pp499-512	World Scientific Publishing Company	2008
	CK Panigrahi, PK Chattopadhyay, RN Chakrabarti	FACTS in deregulated market scenario	Conference : 2005 IEEE Power Engineering Society Inaugural Conference and Exposition in Africa		pp267-271	IEEE	2005
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	R Chakrabarti, CK Panigrahi, PK Chattopadhyay	Dynamic Economic Dispatch By Heuristic Optimization Techniques	Journal of Indian School of Mines	Vol:1	pp51-58		2006