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LIST OF PUBLICATIONS IN ANNEXURE – I JOURNALS

Sl. No	Title of Paper	Authors	Name, Volume and number of Journal and year of publication	Page No	
				From	To
1.	Multi objective Optimal Power flow with STATCOM using DE in WAFGP.	R.Vanitha, J. Baskaran, M.Sudhakaran.	Indian Journal of Science and Technology, Vol.8, No.2, Jan 2015	191	198
2.	An Adaptive Selective Current Harmonic Elimination Technique Using RLS Algorithm for Three Phase AC Voltage Controllers.	T. Suresh Padmanabhan, S.Jeevananthan, M.Sudhakaran.	AMSE Journals-2016-Series: Modeling A, Vol. 86, No. 2, 2016.	71	86
3.	Analysis of Shunt Hybrid Power Filter with Thyristor Controlled Reactor for Power Quality Improvement.	M. Dheebeeha, M.Sudhakaran, P.Ajay, D. Vimal Raj	Journal of Power Systems and Microelectronics, Vol.2, No.1, June 2016.	41	50
4.	Application of Integrated GA-PSO-TS Algorithm for Solving	J.Sanjeevikumar, M.Sudhakaran.	International Journal of Applied Engineering Research, Vol.11, No.6,	3842	3847

	Hydro Thermal Scheduling Problem with Prohibited Operating Zones.		April 2016.		
5.	Prevention of circulating current in bidirectional AC/DC converter.	K. Esaivanan, M.Sudhakaran. P.Ajay, D. Vimal Raj.	International Journal of Signal Processing Systems, Vol.2, No.1, June.2016.	41	48
6.	Design of ANN based Adaptive hysteresis band control scheme for compensation of THD and Reactive power demand in PV teid grid system using DSTATCOM.	M.Sudhakaran, P. Mahes Kumar.	International Journal of Computational Systems Engineering, Inderscience Publications, Vol.3, No.1, 2017.	3	13
7.	Tabu Search Enhanced Artificial Bee Colony Algorithm to Solve Profit Based Unit Commitment Problem with Emission Limitations in Deregulated Electricity Market.	Shanmuga Sundaram, M.Sudhakaran P.Ajay, D. Vimal Raj.	International Journal of Meta-Heuristics, Inderscience Publications, Vol.6, No.1, 2017.	107	132
8.	Luenberger Algorithm Based Harmonics Estimator for Front End Rectifier And PWM-VSI.	P.Ajay, D. Vimal Raj, R. Sundara murthy, S.Jeevananthan M.Sudhakaran.	International Journal of Innovative works in Engineering and Technology, Vol.3, No.1, Feb.2017.	82	92

9.	Three Phase Four Wire DSTATCOM Strategy for Power Quality Improvement Using T Connected Transformer.	S. Prabakaran, T. Saranya, P.Ajay, D. Vimal Raj, M.Sudhakaran.	International Journal on Recent Technologies in Mechanical and Electrical Engineering, Vol.4, No.4, April.2017.	14	19
10.	Amalgamated Nine switch Inverter with PV and Self Supported DVR System.	P. Durai, M.Sudhakaran, P.Ajay, D. Vimal Raj.	International Journal of Electrical and Electronics Engineering, Special Issue April 2017.	1	5
11.	Solution for Multi-area Unit Commitment Problem Using PSO-Based Modified Firefly Algorithm.	Prabakaran S, Tamilselvi S, Ajay D, Vimal Raj P, M. Sudhakaran.	Advances in System, Control and Automation, Lecture Notes in Electrical Engineering, Vol 442. Springer, Singapore, 2018.	625	636
12.	Investigation of voltage regulation in grid connected PV system.	Soumen Gorai, D. Sattianadan, M. Sudhakaran.	Indonesian Journal of Electrical Engineering and Computer Science, Vol. 19, No. 3, September 2020.	1131	1139
13.	Solar PV fed Water Pumping System through BLDC Drive Employing Zeta Converter.	M. Sudhakaran, Ajay D, Vimal Raj P, Prabakaran S.	International Journal for Research in Applied Science and Engineering Technology, Vol.8, No.10, October 2020.	385	395

LIST OF PUBLICATIONS IN INTERNATIONAL CONFERENCES

Sl. No	Title of Paper	Authors	Name, place and year of the conference	Page No	
				From	To
1.	Prevention of circulating current in bidirectional AC/DC converter.	K. Esaivanan M.Sudhakaran P.Ajay, D. Vimal Raj.	International Conference "ICPSACO-2015", Dec.10-11, 2015.	239	243
2.	Analysis of shunt hybrid power filter with thyristor controlled reactor for PQ improvement.	M. Dheebeeha M.Sudhakaran P.Ajay-D-Vimal Raj	International Conference "ICPSACO-2015", Dec.10-11, 2015.	233	238
3.	Application of Hybrid EP-PSO Algorithm for the solution of Combined Economic and Emission Dispatch Problems.	M. Sudhakaran P.Ajay-D-Vimal Raj R.Priadarsini G. Vijay Anand	IEEE Sponsored International Conference (ICACCCT-2016),	842	846
4.	Literature Review on Network Reconfiguration and Optimum placement of D-STATCOM in Radial distribution Systems.	Karthick B, M. Sudhakaran , Ajay D, Vimal Raj P.	International Conference on Smart Energy Systems and Electric Vehicles, V R Siddhartha Engineering College, Vijayawada. AP, India, Jan 08-10, 2020.	CD ROM	