

Dr. M. Sudhakaran,
Professor,
Department of Electrical & Electronics Engineering,
Puducherry Technological University,
(Formerly Pondicherry Engineering College)
Pondicherry - 605 014, India.
Mobile : (+91) 9994071997
Email: sudhakaran@pec.edu

PUBLICATIONS LIST

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: Modelling 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 Hydro Thermal Scheduling Problem with Prohibited Operating Zones	J.Sanjeevikumar M.Sudhakaran	International Journal of Applied Engineering Research, Vol.11, No.6, April 2016.	3842	3847
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 SelfSupported 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., Sudhakaran M	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	Sudhakaran M 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