

Dr.H.Vennila

Associate Professor of Electrical power systems

GET MY OWN PROFILE

	All	Since 2016
Citations	32	29
h-index	4	3
i10-index	0	0

TITLE	CITED BY	YEAR
Hybrid wind solar system for efficient power generation S Ravikumar, H Vennila 2017 International conference of Electronics, Communication and Aerospace	6	2017
Particle swarm optimization technique for solving economic emission dispatch problems H Vennila, TRD Prakash Procedia engineering 38, 2009-2021	6	2012
Power quality improvement in microgrid using custom power devices P Prabhakar, H Vennila International Journal of Enterprise Network Management 8 (4), 327-339	4	2017
Economic emission dispatch of thermal generating units using genetic algorithm technique H Vennila, BG Malini, VE Jeba, TRD Prakash International Journal of Enterprise Network Management 4 (4), 344-353	4	2011
Economic and Emission Dispatch using Whale Optimization Algorithm (WOA) CK Faseela, H Vennila International Journal of Electrical and Computer Engineering 8 (3), 1297	2	2018
Application of genetic algorithm for solving optimum power flow problems H Vennila, TRD Prakash, BG Malini, MS Birundha, VE Jeba, L Sumi International Journal of Information Systems and Supply Chain Management	2	2013
A Solution for Environmental Constrained Economic Dispatch Problems using Honey Bee Algorithm H Vennila, TRD Prakash, T Ruban International Journal of Computer Applications 975, 8887	2	2012
Hybrid power generation system with Total Harmonic Distortion minimization using improved Rider Optimization Algorithm: Analysis on converters S Ravikumar, H Vennila, R Deepak Journal of Power Sources 459, 228025	1	2020
Hybrid wind-solar system—an optimised approach for efficient power generation S Ravikumar, H Vennila International Journal of Computer Aided Engineering and Technology 13 (1-2	n 1	2020
Combined economic and emission dispatch using whale optimisation algorithm CK Faseela, H Vennila International Journal of Enterprise Network Management 10 (1), 32-43	1	2019

TITLE	CITED BY	YEAR
Combined static economic and emission dispatch by improved moth optimisation with valve point loading H Vennila, R Rajesh	1	2019
International Journal of Enterprise Network Management 10 (2), 152-161		
Power Quality Improvement in Micro grids using Predictive Technique Based Static Compensator P Prabhakar, H Vennila International Journal for Innovative Research in Science & Technology 3 (12	1	2017
Transient analysis in predictive based static compensator for microgrids P Prabhakar, H Vennila International Journal of Civil Engineering and Technology 9, 715-726	1	
Study on Comparison of Various Optimization Algorithms for Minimizing THD of the Hybrid Wind Solar Power Generation System S Ravikumar, H Vennila, R Deepak 2020 International Conference on Inventive Computation Technologies (ICICT	of	2020
Study on Hybrid Wind-Solar Power Generation System with THD Minimization Using Improved Rider Optimization Algorithm S Ravikumar, H Vennila, R Deepak International Conference on Mobile Computing and Sustainable Informatics	1	2020
THD minimisation using genetic algorithm on the nine-level multilevel inverters S Ravikumar, H Vennila, B Ajai International Journal of Advanced Intelligence Paradigms 16 (3-4), 306-323	5	2020
A solution of combined static and dynamic Dispatch Problems using HB-SA Algorithm with valve point Effects H Vennila, R Rajesh 2018 International Conference on Smart Systems and Inventive Technology		2018
A meta-heuristic, moth inspired algorithm for combined economic and environmental power dispatch N Mustafa, H Vennila International Journal of Enterprise Network Management 9 (1), 47-57		2018
Improvement of power quality in microgrids using predictive controller P Prabhakar, H Vennila International Journal of Intelligent Systems Technologies and Applications		2018
COMPARISON BETWEEN PI, FUZZY & PREDICTIVE TECHNIQUES FOR STATCOM TO IMPROVE THE TRANSIENT STABILITY OF MICROGRID P Prabhakar, H Vennila Technology 8 (8), 819-829		2017
Fault Analysis of Predictive Based Static Compensator in Microgrids P Prabhakar, H Vennila International Journal of Applied Engineering Research 12 (18), 7176-7183		2017

TITLE CITED BY YEAR

Application of simulated annealing and genetic algorithm for solving optimum power flow problems

2010

H Vennila, TRD Prakash, BG Malini, MS Birundha, L Sumi, V Jeba International Journal of Logistics Economics and Globalisation 2 (4), 390-402

Journal Homepage:-www. journalijar. com P Prabhakar, H Vennila Transport 26 (30), 0.6

Optimal Positioning of Distributed Generator using Hybrid Optimization algorithm in Radial Distribution System S Ravikumar, R Deepak, H Vennila

COMBINED ECONOMIC AND EMISSION DISPATCH WITH VALVE POINT EFFECT USING MOTH FLAME OPTIMIZATION (MFO) ALGORITHM CK Faseela, H Vennila

Development of Meta Heuristics Algorithm for Solving Multi Objective Economic and Emission Dispatch Problems
H Vennila
Kanyakumari