

PUBLICATIONS

1. LIST OF INTERNATIONAL JOURNAL PUBLICATIONS

S.No.	Author(s)	Title	Name of Journal	Vol- ume	Page	Year	ISSN/ ISBN Number
1.	A. Senthilvadivu, K. Gayathri and K.Asokan	Exchange Market Algorithm Based Profit Based Unit Commit- ment for GENCOs Considering Environmental Conditions	International Journal of Applied Engineering Research (IJAER)	Vol 13, Number 21	pp.149997- 15010	2018	ISSN:0973-9769, Print ISSN:0973- 4562
2.	A. Senthilvadivu, K. Gayathri and K.Asokan	An Intelligent Computational Algorithm for Optimal Self Scheduling of GENCOs to Improve the Profit in a Day-Ahead Energy and Reserve Market	International Journal of Computer Science and Engineering (IJCSE)	Vol 6, Issue 8	pp.251-265	2018	ISSN:2347-2693
3.	M. Priyadharshini, K. Gayathri	Differential Protection Scheme for Power Transformer Fault Analysis using PSCAD	Journal of Applied Science and Computations (JASC)	5(8)	pp.2257- 2271	2018	
4.	M. Priyadharshini, K. Gayathri and C. Poongothai	Generator-Transformer unit Fault Identification using Backup Protection by Generalised Regression Neural Networks	Journal of Engineering Tech- nologies and Innovative Re- search (JETIR)	6(5)	pp.198-205	2019	2349-5162
5.	A. Senthilvadivu, K. Gayathri and K.Asokan	Modelling of Bidding Strategies in a Competitive Electricity Market: A hybrid approach	International Journal of Numerical Modelling	32(5)	pp.1-18	2019	ISSN 0894-3370

6.	C. Poongothai and K. Gayathri	Traveling Wave Based Security Plan for Bipolar Transmission Boundary	International Journal of Recent Technology and Engineering (IJRTE)	8 (3S2)	pp. 416-421	2019	2277-3878
7.	C. Poongothai and K. Gayathri	Ann Based Shortcoming Area in HVDC Transmission Line	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	9(1)	pp.2053-2059	2019	2278-3075
8.	N. Vijayalakshmi, K. Gayathri	Optimal Location and Sizing of Capacitors for Net saving Maximization in Radial Distribution System using ALO	International Journal of Engineering and Advanced Technology (IJEAT)	9(1)	1025-1032	2019	2249 – 8958
9.	Priyadharshini, M., and Gayathri, K.	Fault Detection in a Power System with Double Circuit Transmission Lines, Synchronous Generators and Transformers	Journal of Critical Reviews	7 (14),	pp.4186-4200	2020	2394-5125
10.	Priyadharshini, M., and Gayathri, K	A Hybrid PNN- TLBO Algorithm based Transformer Protection using Dissolved Gas Analysis	Journal of Seybold Report	15 (7)	pp.1708-1720	2020	
11.	N. Vijayalakshmi, K. Gayathri	Distribution System Reconfiguration and DG Allocation for Power Loss Minimization and Voltage Profile Enhancement Using ALO Algorithm	Journal of Critical Reviews	7 (14)	3867-3881	2020	2394-5125
12.	N. Vijayalakshmi, K. Gayathri	Network reconfiguration with placement of capacitor to maximize the net saving and voltage stability in RDS using ALO	International Journal of Advance Science and Techonology	29 (5)	6597-6607	2020	2005-4238

2.LIST OF CONFERENCES-INTERNATIONAL

S.No.	Author(s)	Title	Name of conferences	Page	Year
1.	C.Poongothai and K.Gayathri	A Review on HVDC Protection System	IEEE International Conference on Circuits and Systems (ICCS 2017), Thiruvananthapuram, Kerala.	pp.134-139,	2017
2.	A. Senthilvadivu, K. Gayathri and K.Asokan	An innovative Approach for spinning Reserve constrained profit based unit commitment for GENCOs in Deregulated power system	IEEE conference proceedings on intelligent computing and sustainable systems (ICICSS 2018), Coimbatore	pp.633-640	2018
3.	M.Priyadharshini, K.Gayathri and C.Poongothai	Fault Identification Using Backup Protection Scheme for Generator -Transformer Unit	International Conference on Recent Trends in Engineering and Technology (ICRTET-2019), Chennai		2019
4.	N Vijayalakshmi and K.Gayathri	ELM based Power Network Optimization using SVC	International Conference on Recent Trends in Engineering and Technology (ICRTET-2019), Chennai	pp.387-395	2019
5.	C. Poongothai and K.Gayathri	Fast Fourier Transform Based Overcurrent Protection of HVDC Systems	International Conference on Recent Trends in Engineering and Technology (ICRTET-2019), Chennai	pp.190-197	2019
6.	A. Senthilvadivu, K. Gayathri and K. Asokan	Optimal Binding Strategy based Profit Maximization of Power Suppliers in Day-Ahead Energy Market	International Conference on Recent Trends in Engineering and Technology (ICRTET-2019), Chennai	pp.79-85	2019

7.	M.Priyadharshini, K.Gayathri and C.Poongothai	Generator -Transformer Unit Fault Identification Using Backup Protection by Generalised Regression	International Conference On Science Technology And Management (ICSTM-19) Chennai, India	pp.47-55	2019
8.	N.Vijayalakshmi, K.Gayathri, G.Priyadharshini and C.Poongothai	Network Reconfiguration for Voltage Stability Enhance- ment Using ANT Lion Optimizer Algorithm	International Conference On Applied Science Engineering and Technology, (ICASET) Pondicherry, India	pp.10	2019
9.	N.Vijayalakshmi, K.Gayathri, And K.Asokan	ALO Algorithm For Optimal Location and Sizing of Fixed and Switched Capacitors to Maximize the Cost Saving in Radial Distributed Systems	International Conference On Modern Engineering & Emerging Technology Kerala, India	pp.1-7	2019

4.LIST OF CONFERENCES-NATIONAL

S.No.	Author(s)	Title	Name of conferences	Page	Year
1.	C. Poongothai and K. Gayathri A.	A Review on Soft Computing Techniques in Transmission Line Protection	Nature Inspired Computing Applied To Electrical Engineering (NICAEE-2018) October 6-7, Annamalai University, Annamalai Nagar	pp. 9-16	2018
2.	A.Senthilvadivu, K. Gayathri and Asokan K,	Optimal Scheduling of Thermal Units and Maximize the Profit of GENCOs Using Exchange Market Algorithm	Nature Inspired Computing Applied To Electrical Engineering (NICAEE-2018) October 6-7, Annamalai University, Annamalai Nagar	pp. 17-22	2018