

JOURNAL PUBLICATION

Name & Designation: Dr.K.T.THENMALAR /Professor,

Department of Electrical and Electronics Engineering

Specilization:Power System,Soft Computing

Email id:thenmalark@gmail.com,Mobile No:9942058893

1. **Dr.K.Thenmalar**,Dr.G.Sopia Jasmine,Dr.Vanitha, published a paper titled “Soft Computing based Economic and Emission Load dispatch in Micro grid”, International journal of Scientific & Technology Research Volume 9,Issue 3,March 2020, ISSN 2277-8616(SCOPUS)
2. **Dr.K.Thenmalar**,Ms.T.Gangothri, published a paper titled “ An Optimized Techniques Combined Economic and Emission Load Dispatch for DC Microgrid Using Machine Learning” Studies in Indian Place Names(SPIN)UGC Journal, Vol.40,ISSUE-60,march 2020
3. Dr.P.Kannan, **Dr.K.Thenmalar**,Ms.S.Shobana,M.Saranya, published a paper titled,” **A Three Phase Five Level Inverter for Grid Connected PV system with PID Controller**” Studies in Indian Place Names UGC Journal ISSN 2394-3114.
4. A.Subhashree,Dr.K.**Thenmalar**,K.Deepa published a paper titled “Optimal Control of Micro grid Using Decentralized Controller International Journal of Engineering And Technology”, Vol 7 No 8ISSN : 2227-254X APRIL 2018(SCOPUS)
5. K.Deepa **Dr.K.Thenmalar** A.Subhashree, published a paper titled “ Combined Economic and Emission Load Dispatch Problem Solving by ITLBO Algorithm” International Journal Engineering And Technology, Vol 7,No 24 ISSN : 2227-254X April 2018(SCOPUS)
6. **Dr.K.Thenmalar**,Dr.B.Gopinath, published a paper titled “Analysis Of Combined Economic And Emission Load Dispatch Problem With Generator Constraints Using Different Technique: A Review, Journal of Electrical Engineering, April 2018.
7. A.Sowmiya, A.Preethi,N.Mohanapriyaa,**Dr.K.Thenmalar**,S.Sindhuja, published a paper titled Stability Enhancement of Grid Synchronization With A Possible Configuration of Synchronous Motor-Generator Pair For Renewable Energy Integration, International Journal of Pure And Applied Mathematics, Vol 18 No 20 March 2018 ISSN : 1314-8090
8. **K.Thenmalar**,Dr.R.Ramesh, published a paper titled Self Adaptive Hybrid Differential Evolution Algorithm (SAHDEA) for Dynamic Economic Emission Power Dispatch (EPPD) With Valve Point Effects” International Journal of Printing Packaging And Allied Sciences, Vol. 5,No. 1 ISSN : 2320-4387 February 2017
9. **K.Thenmalar**,Dr.R.Ramesh published a paper titled “Self Adaptive Hybrid Differential Evolution Algorithm (SAHDEA) For Dynamic Economic Emission Power Dispatch (EPPD) With Valve Point Effects” Vol. 5, No. 1, February 2017,February 2017.
10. **K. Thenmalar**,S. Mownisha, published a paper titled “Optimization Of Hybrid PV-Wind Renewable Energy System Using Robust Algorithm”, International Journal Of Chem. Tech Researchjaugust 2017.
11. **K. Thenmalar**,S. Mownisha, published a paper titled “A Novel Technique For optimizing Hybrid PV wind Renewable Energy System”, Advances In Natural And Applied Sciences, special 11(6): pages 722-727- 2017.

12. V.Abirami, T.Beaulah Blessy & **K.Thenmalar**, published a paper titled “Hybridized Electric Power Generation By Utilization Of Biogas And Solar”, International Journal Of Trend In Research And Development,2016
13. R.Divya,**K.Thenmalar**, published a paper titled “Optimization Of Distributed Generation System”, International Journal Of Applied Engineering Research,2016.
14. **K.Thenmalar**, S.Ramesh, S.Thiruvankadam published a paper titled “Opposition Based Differential Evolution Algorithm for Dynamic Economic Emission Load Dispatch (EELD) with Emission Constraints and Valve Point Effects”,Journal of Electrical Engineering Technology,ISSN(Print) 1975-0102,2015.
15. **K.Thenmalar**, S.Ramesh, published a paper titled “Hybrid Fuzzy-Opposition Based Differential Evolution Algorithm (FODEA) For Dynamic Economic Emission Power Dispatch (EELD) With Emission Constraints and Valve Point Effects”,Middle East Journal, ISSN 1990-9233,2015.
16. **K.Thenmalar**, S.Ramesh published a paper titled “Multi – Objective Economic Emission Load Dispatch Solution in Various Generation Plants With Wind Power Penetration” “Advances in Natural and Applied Sciences”, ISSN:1995-0772,2014.
17. **K.Thenmalar**, S.Ramesh, K.Anuja published a paper titled “Multi –Objective Economic Emission Load Dispatch Solution using Evolutionary Algorithm with and without Considering Wind Power Penetration and Valve Point Effect”,Applied Mechanics and Materials, Vol. 626 (2014) pp 177-183.
18. **K.Thenmalar**,Dr.R.Ramesh, paper titled “Multi –Objective Economic Emission Load Dispatch Solution Using Evolutionary Algorithm With And Without Considering Wind Power Penetration And Valve Point Effect”, ,Applied Mechanics & Control, 2014.
19. Dr.A.Allirani, **K.Thenmalar**, S.Yuvasri Published a paper titled “Economic Power Dispatch With Emission Constraint Using VFSA Algorithm ” “International journal of communication and Engineering.
20. **K.Thenmalar**, Dr.A.Allirani, published a paper titled “Optimization techniques for the economic dispatch in various generation plants” Advanced Materials Research, Volume 768 of ISSN print 1022-6680,2013.
21. B.Bommirani, **Ms.K.Thenmalar** published a paper titled “Optimization technique for the Economic dispatch in power system operation ” International journal of computer & information Technology(IJCIT), (ISSN: 2279 – 0764) Volume 02– Issue 01, January 2013.
22. Anu Abraham , **Ms.K.Thenmalar** published a paper titled Advanced Intelligent Dispatch Control In Power Generation ” International Journal of Engineering Research & Technology(IJERT) ,Vol. 1 Issue 10, December- 2012 ISSN: 2278-0181.
23. Dr.A.allirani,**K.Thenmalar**, S.Yuvasri published a paper titled “Optimization techniques for the economic dispatch in various generation plants” Advanced Materials Research, Volume 5,No.05,Issue 01,March 2012.