

LIST OF PUBLICATIONS

NATIONAL JOURNALS

1. **Subashini, M. and Ramaswamy, M. (2018b)**, Exploration of Chaos and Bifurcations in a Solar PV MPPT SEPIC Converter System, *IOSR Journal of Engineering*, Vol. 8(8), pp. 62-69. (UGC Journal No: 48995)
2. **Siva, M., Balamurugan, R. and Lakshminarasimman, L. (2017a)**, "Water Wave Optimization Algorithm for Solving Combined Economic and Emission Dispatch Problem", *ARPJ Journal of Engineering and Applied Sciences*, Vol. 12, No. 6, pp. 1730-1742 (Scopus Indexed Journal).
3. **Siva, M., Balamurugan, R., Lakshminarasimman, L. and Balaji, G. (2017c)**, Water Wave Optimization Algorithm for Solving Thermal Unit Maintenance Scheduling, *IOSR Journal of Electrical and Electronics Engineering*, Vol, 12, No. 3.pp. 61-70
4. **Chandrasekar, K., Paramasivam, B., and Chidambaram, I.A., (2017)**, Proportional-Integral with filtered Integral mode Controller using Krill Herd (KH) algorithm in a Restructured Power System with HES Unit and IPFC unit, *IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)* Vol. 12 (6) Version.II, pp.8-20
5. **Saravanan, R., Subramanian. S., Dharmalingam, V., and Ganesan, S., (2016)**, Generation Scheduling of Wind Thermal Integrated Power System using Grey Wolf Optimization, *IOSR Journal of Electrical and Electronics Engineering*, Vol. 11(6), Dec., pp. 48-55.
6. **Abhiraj, T.K., Bos Mathew Jos and Aravindhbabu, P. (2017)**. Firefly Optimization based DG Placement for Improving Voltage Profile of Distribution Networks, *ARPJ Journal of Engineering and Applied Sciences*, Vol. 12(11), pp. 3411-3414.
7. **P.Paramasivan, R.K.Santhi, (February-2016)**, "APPFPA Based Best Compromised Solution for Dynamic Economic Emission Dispatch," *Indian Journal of Science and Technology. (IJST)*, Vol.9 (6), DOI.10.17485/ijst/2016/v9i6/81015, (Annexure - II).

- 8. SA. ChithraDevi, L. Lakshminarasimman (2017)** , Optimal location of capacitors and capacitor sizing in a radial distribution system using Stud krill herd Algorithm, *IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)*, Vol. 12, Issue 4 Ver. II, pp. 11-19, Jul. - Aug. 2017
- 9. Sripriya,R., and Neela,R. (2015a)**, ATC enhancement through optimal Placement of TCSC using WIPSO technique, *ARPJN Journal of Engineering and Applied Sciences*, Vol.10(20), pp.9183-9190.
- 10.R.Venkadesh, and R.Anandhakumar, (2017)**, Water evaporation optimization algorithm for solving dynamic economic dispatch, *IOSR Journal of Electrical and Electronics Engineering*, Vol. 12, No. 2, pp. 50-60.
- 11. Ramachandran, R., and M. Arun. (2016b)**, Real and Reactive Power Rescheduling for Congestion Management Based on Generator Sensitivity Index, *IOSR Journal of Electrical Electronics Engineering*, Vol 11 (6).PP 41-48.
- 12. Balaji, G., Balamurugan, R. and Lakshminarasimman, L. (2015b)**, Generator Maintenance Scheduling In a Deregulated Environment Using Hybrid Differential Evolution Algorithm, *ARPJN Journal of Engineering and Applied Sciences*, Vol. 10, No. 22, pp. 10566-10577 (Scopus indexed Journal).
- 13. Kavitha, K. and Neela, R., (2013)**, Optimal placement of TCSC and SVC using PSO, *IOSR Journal of Electrical and Electronics Engineering*, Vol. 7, Jul., pp. 45-52.
- 14 . Kavitha, K. and Neela, R., (2015)**, Optimal placement of TCSC using WIPSO. *ARPJN Journal of Engineering and Applied Sciences*, Vol. 10, No.20, Nov., pp. 9159-9166.
- 15. Thamarachelvi, B., and Yamuna, G (2016)** Gray Level Co-Occurrence Matrix Features based Classification of Tumour in Medical Images, *ARPJN Journal of Engineering and Applied Sciences*, Vol. 11, Issue-19, October, pp. 11403-11414. (Annexure -I).
- 16. P.Kalyana sundaram, R. Neela, (2016)**, Electric Power Quality Events Detection and Classification using Hilbert transform and MLP network, *ARPJN Journal of Engineering and Applied sciences*, ISSN 1819-6608, Volume 11(1), PP 578-588.

17. **P.Kalyana sundaram, R. Neela, (2016)**, Analysis of Power Quality Disturbances based on Kalman filter and MLP network, *ARPAN Journal of Engineering and Applied sciences*, ISSN 1819-6608, Volume 11(9), PP 5678-5687.
18. **Kalyana sundaram,R. Neela,(2016)**,Characterization and Localization of Power Quality Disturbances based on S-transform and fuzzy expert system, *IOSR Journal of Electrical and Electronics Engineering (IOSR_JEEE)*, Volume 11(4), pp 42-53.
19. **P.Kalyana sundaram, R. Neela, (2016)**, Power Quality Disturbances Classification and Recognition using S-transform based Neural classifier, *IOSR Journal of Electrical and Electronics Engineering (IOSR JEEE)*, Volume 11(5), pp 16-27.
- 20.**P.Kalyana sundaram, R. Neela, (2016)**, Hilbert Huang Transform (HHT) based neural network For the Characterization and Classification of Power Quality Disturbances, *IOSR Journal of Electrical and Electronics Engineering (IOSR_JEEE)*. (Under review)
21. **V.Vasudevan and P.Aravindhababu. (2016)** An Elegant method for Unit Commitment Using Biogeography based Optimization, *ARPAN Journal of Engineering and Applied Sciences*, 11(5): 2900-2907.
22. **V.Vasudevan and P.Aravindhababu.**Harmony Search Optimization Based Unit Commitment with Wind Farms, *Indian Journal of Science and Technology*. (Under Review).
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- 25. M.Kalpanadevi, R. Neela,** "Line Flow Based WLAV State Estimation using BBO Technique", *ARPJ Journal of Engineering and Applied Sciences-Communicated*.
- 26. Prakash.P.S and Aravindhababu.P. (2015).**Firefly Optimization based Design for Improving Efficiency of Induction Motor. *ARPJ Journal of Engineering and Applied Sciences*, 10(4): 1711-1716.
- 27. Prakash.P.S and Aravindhababu. P. (2015).** Multiobjective Design of Induction Motor using Ant Colony Optimization, *ARPJ Journal of Engineering and Applied Sciences*, 10(10):4449-4455.
- 28. N.J.Vinoth kumar and M.Mohamed Thameem Ansari**"Design of Particle swarm optimization based PI controller for an isolated Win-diesel Hybrid Power system with superconducting magnetic energy storage Unit" *IOSR journal of engineering*. Vol.2 (5), pp.937-944, 2012.
- 29. S.Ramesh Kumar and S.Ganapathy,** "Artificial cooperative search algorithm based load frequency controller for multi-area deregulated power system with coordinated control of TCPS, RFB and AC-DC parallel tie-lines", *ARPJ Journal of Engineering and Applied Sciences*, Vol.10 No.14, pp. 6080-6091, 2015.
- 30. A.S. Kannan and Dr.R. Kayalvizhi,** "Implementation of PSS and UPFC for Power System Stability Enhancement Using PI and Fuzzy Controllers" *Indian Journal of Research, PARIPEX*, Vol. 3, No. 4, April 2014, PP. 87-91
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- 37. S.Ganapathy and S.Velusami**, "Decentralized Load - Frequency Control for Interconnected Power Systems with AC-DC Tie-lines", *The Icfai University Journal of Electrical and Electronics Engineering*, Vol.3, No.1, pp.54-65, Jan.2010.
- 38.Amitha, M., Subramanian, S. and Gnanadass, R. (2008d)** 'Modified particle Swarm optimization based optimal power flow', *The Icfai University Journal of Electrical and Electronics Engineering*, Vol. 1, No. 4, pp. 17-32
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- 41. S. Subramanian**, Wind electric power- An over-view, *National Conference on Electrical Energy Conservation and Management*, Mar 2-3, 2002, Annamalai University, Annamalainagar, pp. 20-23. India, Annamalai University.
- 42. A .Ezhilarasi, M. Ramaswamy**, "Stability analysis of paralleled single ended primary inductance converter.", *ARPN Journal of Engineering and Applied Sciences*, Volume 7, Number 11, Nov 2012, pp. 1395-1401. 2012.

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