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PUBLICATIONS

JOURNAL PUBLICATIONS

1. **Mary Linda, M.** and Kesavan Nair, N. "Optimal Design of Fuzzy Based Power System Stabilizer Self Tuned by Robust Search Algorithm", Journal of computing, Vol.1, pp. 44-48, 2009.
2. **Mary Linda, M.** and Kesavan Nair, N. "Stability Enhancement using Hybrid Power System Stabilizer Auto Tuned by Breeder Genetic Algorithm", International Journal of Electrical Engineering, Vol.4, pp.209-226, 2011.
3. **Mary Linda, M.** and Kesavan Nair, N. "Breeder Genetic Optimization of Global Power System Stabilizer", International Journal of Power Systems and Power Electronics , Vol.4,No.1,pp.9-16,2011.
4. **Mary Linda,** M., Jenish J.R. and Jagatheeswari P " Wireless Power Transmission System for Electric Vehicle" International Journal of Applied Engineering Research,Vol.10, No.8,pp.6084-6087,2015
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ANNEXURE I
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1. **Mary Linda, M.** and Kesavan Nair, N "Optimal Design of Multimachine Power System Stabilizer Using Robust Ant Colony Optimization Technique", Transactions of the Institute of Measurement and Control, Vol.34, No.7,pp.829-840,2011
2. **Mary Linda, M.** and Kesavan Nair, N. "Optimal Tuning of Multimachine Power System Stabilizers by Queen-Bee Evolution Technique", Simulation: Transactions of the Society for Modeling and Simulation International **(DOI: 10.1177/0037549711434925).**
3. **Mary Linda, M** and Kesavan Nair,N. " A New-Fangled Adaptive Mutation Breeder Genetic Optimization Of Global Multi-Machine Power System Stabilizer", International Journal of Electrical and Energy Systems, Vol.44, pp.249-258,2013.

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6. N.M.Godwin Dhas and Mary Linda M, " FACTS for fault Detection and Decision control schemes for wind Energy Conversion Systems " , Journal of Electrical Engineering, 2019
7. Manju C Thayammal, **Mary Linda M**, " Utility Based Optimal Resource Allocation in LTE-A Networks by Hybrid ACO-TS with MFA Scheme" accepted by "The Computer Journal" 2019.
8. Shyni P Nair and **Mary Linda M**, "An Efficient maximum power point tracking in hybrid solar and wind energy system: A combined MDA-RNN technique", "Journal of Intelligent and Fuzzy Systems", Vol 37, No.4, 2019.
9. Sivakumar T.A and **Mary Linda M**, "Improving the dynamic performance of grid connected wind farms using modern UPFC", "Microprocessors and microsystems Elsevier, Volume 74, April 2020.

CONFERENCE PROCEEDINGS

1. **Mary Linda, M.** and Kesavan Nair, N. "Dynamic Stability Enhancement with Fuzzy based Power System Stabilizer Tuned by Hottest Non-Traditional Optimization Technique", Second International IEEE conference on Computing Communication and Networking Technologies, pp.1-5,2010.
2. **Mary Linda, M.** and Kesavan Nair, N. "Global Power System Stabilizers Optimized by Queen-Bee Evolution Technique", National Conference of Emerging Trends and Application in Computer Science pp.450-455, 2011.
3. **Mary Linda, M.** and Kesavan Nair, N. "A new Breed Genetic Optimization of Global Power System Stabilizer", National Conference on emerging Technologies in Electrical and Electronics Systems, pp.150-156,2011.
4. **Mary Linda, M**, Jenish,J.R, M.Rubini "Analysis of Distributed Power Flow Controller over UPFC", Proceedings of the IEEE International Conference on Emerging Trends in Electrical Engineering, ETIEE, pp.135-142, March 2013.
5. **M.Mary Linda**, Sowmya,V,Divya, R" Analysis of Single Phase Unified Power Flow Controller (UPFC)" Proceedings of the Conference on Innovative Engineering, Vol.1, pp.53-55, March 2013.
6. **M.Mary Linda**, S. Pavithra and N.Subitha Shiney, " Unified Power Flow Controller for Stability Enhancement of Transmission System Using Intelligent Control", Proceedings of the Conference on Emerging Trends in Computer Communication and Informatics, ISBN 978-0-9894254-7-6, March 2014.
7. **M.Mary Linda**, J.Angelin Sharmi and C.Leena, "Real Time Human Health Monitoring and Alert System for Cardiac Patients Using GSM and GPS", Proceedings of the Conference on Emerging Trends in Computer Communication and Informatics, ISBN 978-0-9894254-7-6, March 2014.
8. **M.Mary Linda**, M.Abinaya, "Improved Damping Performance for a UPFC Application Using Indirect Adaptive Control Scheme", Proceedings of the International Conference on Intelligent Science and Technology, pp.1110-1114, March 2014.
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11. **M.Mary Linda**,Sivakumar.T.A, " Adaptive Shunt Active Power Filter for PQ Improvement by Using Fuzzy Logic Controller" RSSC15,2015.
12. **M.Mary Linda**,Godwin Dhas N.M, " Design and Development of Fuzzy Logic Based Controller for Effective Utilization of WECS" RSSC15,2015.
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