Dr. SHARMEELA. C

Associate Professor

Department of Electrical and Electronics Engineering College of Engineering, Guindy Anna University, Chennai

Email: - sharmeela20@yahoo.com

Phone: 9841363144

1. S.A.Grace, D.Mohan Laland C.Sharmeela, "Demand Controlled systems with fuzzy controllers to maintain indoor air quality - An Energy Saving Approach, The International Journal of Ventilation, Volume 3, No 1, pp.79-88, Veetech Ltd., June 2004. (IF: 0.303)

- 2. C.Sharmeela, M.R.Mohan and G.Uma, "A Novel detection and classification algorithm for power quality disturbances using wavelets", American Journal of Applied Sciences, 3(10), pp.2049-2053, 2006. (IF: 0.64)
- 3. C.Sharmeela, M.R.Mohan, G.Uma and J. Baskaran, "Fuzzy Logic Controller based three phase shunt active filter for line harmonics reduction", Journal of Computer Science, Volume 3, Issue 2, pp.76-80, 2007. (IF: 0.69)
- 4. C.Sharmeela and M.R.Mohan, "Voltage Sag and Swell Mitigation using Multi Level Inverter based Custom Power Conditioners", International Journal of Power and Energy Systems, ACTA PRESS, Volume 28, No 4, pp. 384 393, 2008. 5. S. Hari, C. Sharmeela and M. Venkata Ramanan, "Design, development and simulation of A universal harmonic filter circuit for Improving power quality in sugar mills", International Journal of Integrated Energy Systems, Vol. 1, No. 2, pp. 175-181, July-December 2009.
- 6. N.Senthil Murugan, C.Sharmeela, and K.Saravanan, "Design of soft switching Digital Signal Processor based **MPPT** Solar converter with for Hybrid Applications", ACEEE International Journal Control System on and Instrumentation, Vol.1, No.1, pp. 12-15, July 2010, ISSN: 2158-0006 Pending-2014)
- 7. N.Senthil Murugan, C.Sharmeela, and K.Saravanan, "Modeling of Photo Voltaic Arrays with Soft Switching Converter Design and Simulation for Maximum Power Point Tracking", International Journal of Computer Applications, Vol.8, No.13, pp. 43-49,October

 2010.(IF:0.835)
- 8. E. Kaliappan, A.V. Sayee Krishna and C. Sharmeela, "Speed Control of PMBLDC

Motor using Fuzzy Logic Controller", International Journal of Applied Engineering Research, Vol.5, No.15, 2010, pp. 2609-2616, ISSN: 0973-4562 (IF: 0.03)

- 9. Esakkiappan Kaliappan and C.Sharmeela, "Direct Torque Control of PMBLDC Motor using Hybrid (GA and Fuzzy Logic) Controller", Journal of Advances in Information Technology, Volume 1, Number 4, pp. 163-167, November 2010.
- 10. K.Elango, S.R.Paranjothi and C.Sharmeela, "Transmission Congestion Management in Restructured Power Systems by Generation Rescheduling and Load Shedding using Rule Based OPF", European Journal of Scientific Research, Vol.57, No.3, 2011, pp.380-390.(IF: 0.736)
- 11. G.Gayathri, Neena Ramesh, C.Sharmeela, "Power flow control in the grid using controllable network transformer A smart device to improve the system reliability", International Journal of Current Research, Vol. 33, Issue, 4, pp.245-249, April, 2011, ISSN 1003 2169 (GIF: 0.455 and SJIF: 3.845)
- 12. R.Thenmozhi, C.Sharmeela, P.Natarajan and R.Velraj, "Transient Thermal Microprocessor Comparison of PCMs Various Management a Using in Configurations", Journal of Thermal Science, Springer, Vol.20, No.6, 2011, pp.516-520.(IF: 3.7231)
- 13. N.Amuthan, P.Melba Mary, P.Subburaj and C. Sharmeela, "Ride Through and Direct Model Reference Adaptive Internal Model Controller with Rule based Adjustment Mechanism for DFIG Wind Farms", International Journal of Sustainable Energy, Taylor & Francis, Volume 31, Issue 4, pp.229-250, August 2012, ISSN 1478 6451 (IF: 0.85)
- 14. V. Punitha, C.Sharmeela, G. Kumaresanand Krishna Rao Vutukuru, "Comparative Study of Converters using MPPT Algorithms for a Stand Alone Solar PV System", CiiT International Journal of Programmable Device Circuits and Systems, Vol.4, No.9, 2012, pp.466-469, ISSN: 0974-973x (IF: 0.492)
- 15. M. Ilayabharathi, G.Kumaresan and C.Sharmeela, "Design and Implementation of single axis solar tracking system", CiiT International Journal of Programmable Device Circuits and Systems, Vol.4, No.9, 2012, pp.470-473, ISSN: 0974-973x (IF: 0.492)
- 16. Smilee Mathuram and C.Sharmeela, "A framework for zig-bee based power line monitoring system", International Journal of Embedded Systems and Computer Engineering, Vol.4, No.1, 2012, pp.29-42.
- 17. G.P.Ramesh and C.Sharmeela, "Design and Implementation of DC/DC based zero

- voltage switching QRC Luo converter", International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE), Vol.2, No.7, July, 2012, pp.377-380.(IF: 2.080)
- 18. G.Muralikrishnan and C.Sharmeela, "Design Strategy for Optimum Rating Selection of Interline D-STATCOM", International Journal of Engineering and Science Invention (IJESI), Vol.2, No.3, March, 2013, pp.12-17. (IF: 1.786)
- 19. R.Thamaraiselvi, P.Ramesh, J.Baskaran, C.Sharmeela and G.Kumaresan, "A Survey of PV based Solid State Transformer for storage and Distribution Applications", International Journal of Scientific and Engineering Research, Vol. 4, Issue 12, pp. 137 141, December 2013, ISSN 2229-5518.
- 20. S.V.Saravanan, C.Sharmeela and ChandanMajumdar, "A personalized wireless sensor network communication model for computerization of electric power distribution", IOSR Journal of Electrical and Electronics Engineering, Vol. 7, Issue No. 2, July August 2013, pp.41-44, ISSN: 2278-1676.(IF: 1.452)