- 1.Manikandan V, K. Ramakrishnan · D. Vijeswaran (2018), "Stability Analysis of Networked Micro-grid Frequency Load Control System, Proceedings of International Conference on Applied Analysis, Mathematical Modeling and Computing Techniques (ICAAMMCT 2018) held during March 15 17, 2018 at Department of Mathematics, The Gandhigram Rural Institute (Deemed to be University), Gandhigram, Tamil Nadu. pp 1-8.
- 2. Manikandan.V and Viknesh.T (2018), "Development of Meta Heuristic Algorithm for Data Flow in Smart Grid", Proceedings of 4th International Conference on Renewable Energy Utilization (ICREU-2018), January 8-10, 2018, pp 1-7.
- 3. Manikandan.V and Viknesh.T (2017), "Modeling of Canonical Switching Cell Converter Using Genetic Algorithm" International Journal of Computer Modeling Engineering and Sciences, vol.113, no.1, pp.107-119.
- 4. Manikandan.V,S.Elango,(2016), "On Design and Implementation of Three Phase Three Level Shunt Active Power Filter for Harmonic Reduction using Synchronous Reference Frame Theory", International Journal of Electrical Power and Energy Systems, Elsevier Publications, vol.81, pp40-47.
- 5. Manikandan.V, Ramesh (2016), "An Algebraic Test for Stability Analysis of Linear Time Invariant Multi dimensional Discrete Systems, International Journal of Advanced Engineering Technology, Vol.VII/Issue 1/Jan-March 2016, pp 172-176.
- 6. Manikandan.V,S.Elango, Novel Control Strategy for Reference Current Extraction in PI controller based shunt active power filter," IET Power Electronics (Provisionally Accepted)
- 7. Manikandan, V, Elango. S., (2015), "Hybrid Controller for Three level Shunt Active Power Filter To Reduce Power Filter to Reduce Supply Current Harmonics For Power Quality Improvement", Research Journal of Applied Sciences, Engineering and Technology- Maxwell Publications, vol. 10, no. 5, pp 581-590
- 8. Manikandan.V, SenthilKumar.R (2015), "Design of Fractional Order PI Controller for DCDC Boost Converter", International Journal of Applied Engineering Research, vol. 10, no. 3, pp 6883 6900.
- 9. Manikandan.V, SenthilKumar.R (2015), "Tuning of Fractional Order PI Controller for DC to DC Boost Converter using Performance Indices", Australian Journal of basic and applied sciences, vol.9, no.11, pp 207 213. 6
- 10. Manikandan.V, SenthilKumar.R (2015), "Design of Fractional order PI Controller using Meta heuristics algorithms applied to DC to DC boost converter a comparison", ARPN Journal of Engineering and Applied Sciences, vol. 10, no. 11, June 2015
- 11. Manikandan.V, Ramesh (2015), "A Determinant Criterion for stability analysis and design of linear discrete systems, Technical Gazette, 22(6),pp 1511 1516.

- 12. Manikandan V, M.Ayyakrishnan, (2014) ," PI and Fuzzy based fault tolerant control of four switch SVPWM inverters fed three phase induction motor", Australian Journal of Basic and Applied Sciences 8(3),pp188-194.
- 13. Manikandan,V, Kanthalakshmi.S, Deepana,G(2014), "Space craft attitude control using control moment gyro configuration", International Journal of Studies in Informatics and Control, Vol.23, No.3,September 2014,pp 285-295.
- 14. Manikandan.V, Ramesh (2014), "Certain Algebraic Tests for Analyzing a periodic and relative stability in linear discrete systems, ARPN Journal of Engineering and Applied Sciences, vol.9. no.12, December 2014,pp 2696-2700.
- 15. Manikandan V,N. AmuthaPrabha, (2014), "Migitation of Inter Cell Interference and Fading in LTE Systems", Journal of Computer Science, 10(3), pp 434-442, 2013.
- 16. Manikandan.V, Ramesh (2014), "Stability analysis of two dimensional linear time invariant discrete systems, World Applied Sciences, 32(8); pp1506 -512
- 17. Manikandan V, A.Kavithamani, N.Devarajan (2013)," Soft Fault Classification of Analog Circuits Using Network Parameters and Neural Networks," International Journal of Electronic Testing Theory and Applications, Springer, vol.29,No.2,pp237-240.
- 18. Manikandan V and Ayyakrishnan M (2013), "A Novel Fault Tolerant Scheme for Four Switch Voltage Source Inverter," European Journal of Scientific Research, Vol.95, Issue -3, pp430-435
- 19. Manikandan V,M.Ayyakrishnan,(2013) "Comparison of Fuzzy and FPGA based Fault tolerant Schemes for Four Switch Space Vector PWM Inverters", International Review of Electrical Engineering, vol. 8, No. 5, pp 1395-1402.
- 20. Manikandan.V and N.Amuthaprabha (2012), "Optimum Medium Access Technique for Next Generation Wireless Systems", Journal of Theoretical and Applied Information Technology, vol 36,No.2,pp279-283.
- 21. Manikandan V, A.Kavithamani ,N.Devarajan (2012)," Fault detection of analog circuits using network parameters ," International Journal of Electronic Testing Theory and Applications, Springer ,Vol.28,No.2,pp.257-261 7
- 22. Manikandan V and S.Kanthalakshmi (2012), "YoulaParameterisation based fault tolerant control, " European Journal of Scientific Research," Vol.69,No.4,pp 494-503.
- 23. Manikandan V and S.Kanthalakshmi (2012), "Dignosis of faults using IMM Estimator," ARPN Journal of Engineering and Applied Sciences, Vol.7, No.12,pp-780-786.
- 24. Manikandan V and S.Kanthalakshmi (2011), "Fault tolerant control using proportional integral derivative tuned by genetic algorithm," Journal of Computer Science, vol.7 (8), pp1187-1193.

- 25. Manikandan V, A.Kavithamani ,N.Devarajan (2011)., Analog Circuit fault detection using poles and fuzzy inference systems, International Journal of Advanced Engineering and Technology,Vol.2, pp-260-269
- 26. Manikandan V, A.Kavithamani ,N.Devarajan (2011)., Analog Circuit fault detection using location of poles, Journal of Electronic Testing –Theory and Applications, Springer, vol.27, pp673-678.
- 27. Manikandan V and S.Kanthalakshmi (2010), "A Scheme for Simultaneous Actuator and System Fault detection, International Journal of Advanced Engineering and Technology, Vol. I, Issue III, , pp 160-174
- 28. Manikandan V and S.Kanthalakshmi(2010), "Genetic Algorithm based self tuning regulator, "International journal of Engineering Science and Technology, Vol2 (12), pp 7719-7728
- 29. Manikandan.V and Viknesh.T (2018), "Development of Meta Heuristic Algorithm for Data Flow in Smart Grid", Proceedings of 4th International Conference on Renewable Energy Utilization (ICREU-2018), January 8-10, 2018, pp 1-7.
- 30. Manikandan.V, SenthilKumar.R (2014), "Performance Evaluation of DC to DC Boost Converter using Fractional order PI Controller" proceedings of ACCADS 2014, Coimbatore Institute of Technology, Coimbatore, 29th to 31st December, 2014, pp 1-5.