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LIST OF PUBLICATIONS

- 1. T.Guna Sekar and Dr.R.Anita, 'Design and Implementation of solar PV for power quality enhancement in three-phase four-wire distribution system', Journal of Electrical Engineering and Technology(JEET), South Korea, vol.10. no.1, 2015.
- 2. T. Guna Sekar and Dr.R. Anita, 'Tuning of PI Controller for Power Quality Enhancement in Distribution System using GA and PSO', International Journal of Applied Engineering Research, vol.9, no.24, 2014.
- 3. T.Guna Sekar and Dr.R.Anita, "PI-Fuzzy Hysteresis Controller based Unified Power Quality Conditioner", International Journal of Engineering Trends and Technology, vol. 8, no. 8, 2014.
- 4. T.Guna Sekar and Dr.R.Anita, 'Design of UPQC by Optimizing PI Controller using Genetic Algorithm and Particle Swarm Optimization for Improvement of Power Quality', International Journal of Engineering and Technical Research, vol. 2, no. 4, 2014.
- 5. T.Guna Sekar and Dr.R.Anita, "Fuzzy Controller based Neutral current harmonic suppression in distribution system", International Journal of Engineering and Technology, vol.5, no.5, 2013.
- 6. T.Guna Sekar and Dr.R.Anita, "Improvement of Power Quality in distribution System using Fuzzy-Unit Vector Controller", International Review on Modelling and Simulations, vol. 6, no. 6, 2013.
- 7. T.Guna Sekar and Dr.R.Anita, "A Novel Control Strategy for Series Active Filter in Distribution System using Unit Vector Control", International Journal of Computer Applications, vol.65, issue no.19, March 2013.
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- 9. T.Guna Sekar and K.Cibimuthu, "A Novel approach for Blood Tests based on Image Processing Techniques", International Journal of Advanced Research in Electronics and Communication Engineering, vol.4, no.2, pp 314-317, February 2015.
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- 11. P.Tamilshankar and T.Guna Sekar, "Computer Aided Diseases Identification for Betal Leafs", International Research Journal of Engineering and Technology, vol.02, n0.9, pp.2577-2581, December 2015.
- 12. L.Karthikeyan and T.Guna Sekar, "Design of Low Power Pulse Triggered using Conditional Pulse Enhancement Scheme", International Journal of Modern Communication Technologies & Research, vol.2, no.1, pp.5-8, January 2014.

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- 14. K.G.Anurekha and T.Guna Sekar, "Simulation of Current Harmonic Compensation using series active filter in Distribution System", International Journal of Engineering and Technical Research, vol.01, n0.10, pp.19-25, December 2013.
- 15. T.Gun Sekar, G.Prabhakaran and S.JanaRanjini, "Power Quality Enhancement in Three-Phase Four-Wire Distribution System using Vector Fuzzy Controller", International Journal of Applied Engineering Research, vol.10, no.01, pp. 1094-1100, March 2015
- 16. S.Mahendra Kumar and T.Guna Sekar, "Cross-Layer Design for Energy Efficient Multicast video transmission over Mobile Ad-HOC Networks", Asian Journal of Research in Social Sciences and Humanities, vol.6, no.9, pp.719-734, September 2016
- 17. T.Guna Sekar, Dr.R.Anita and R.Chandrasekar, "A New Control method for Series Active Filter in Distribution System using Unit Vector Control", International Journal of Computer Applications, vol.65, no.19, pp.8-14, March 2013.
- 18. U.Jayalakshmi and T.Guna Sekar, "Optimization based Congestion Management using Price based Demand Response Programs", Journal of Electrical and Power System Engineering, vol.03, no.01, pp-19-27, March 2017.
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- 22. Dr.T.Gunasekar, R.Sharmila, P.Sripavithra, M.Dhinesh, "Industrial Accident Prevention and Hybrid Pollution Control System", International Journal for research in Applied Science & Engineering Technology, Volume-7, Issue-3, pp.81195-1201, March 2019.
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- 24. S.Mahendrakumar and Dr.T.Gunasekar, "An Analyzing of Cross Layer Design for Implementing Adaptive Antenna Technique in Mobile Ad-Hoc Networks", Journal of Testing and Evaluation, Volume-47, Issue-6, pp.4128-4140, November 2019.
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- 26. Dr.T.Gunasekar, C.Gopinath, N.Manoj, A.D.Naveena and T.Nandhini, "Smart Monitoring Vehicle for Bore Well Vehicle", International Journal of Scientific and Technology Research, Feburary 2020.
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