

LIST OF PUBLICATIONS

1. D. Arun Prasad, K. Mahadevan and M. Arul Prasanna, A modified asymmetric cascaded multilevel DC–AC converter with switched diodes using FPGA processor implementation Microprocessors and Microsystems, Vol. 74, pp. 1-8, 2020.
2. Rajendran Joseph Rathish, Krishnan Mahadevan, Senthil Kumaran Selvaraj and Jayapalan Booma, "Multi-objective evolutionary optimization with genetic algorithm for the design of off-grid PV-wind-battery-diesel system" Soft Computing, Springer, (available online - <https://doi.org/10.1007/s00500-020-05372-y>), 2020.
3. C. Chandravathi and K. Mahadevan, "Web Based Cross Layer Optimization Technique for Energy Efficient WSN", Wireless Personal Communications, Springer, (available online - <https://doi.org/10.1007/s11277-020-07047-1>), 2020.
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5. N. Mageswari, K. Mahadevan, and R. Mohan Kumar, "An α -factor architecture for RS decoder implemented on 90 nm CMOS technology for computer computing applications devices," Microprocessors and Microsystems, vol. 71, p. 102855, 2019.
6. Rajendran Joseph Rathish and Krishnan Mahadevan, "Multi-Objective Optimization of Stand-alone Renewable Energy Hybrid System," Intelligent and Efficient Electrical Systems.: Springer, pp. 1-13, 2018.
7. Jayapalan Booma, Krishnan Mahadevan, Kandasamy Karunanithi, and Subramanian Kannan, "Renewable Energy Penetration and Its Impact on Reliability - A Case Study of Tamil Nadu," Journal of Computational and Theoretical Nanoscience, vol. 14, pp. 4036-4044, 2017.
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11. M. Senthil Kumar and K. Mahadevan, "Paper Machine Industrial Analysis on Moisture Control Using BF-PSO Algorithm and Real Time Implementation Setup through Embedded Controller," Journal of Electrical Engineering & Technology, vol. 11, pp. 490-498, 2016.
12. C. Chandravathi and K. Mahadevan, "Low Duty-cycle based Optimized Sleep-schedule (LDCOS) Cross Layer Design for WSN," Asian Journal of Research in Social Sciences and Humanities, vol. 6, pp. 1910-1919, 2016.
13. J. Booma, K. Karunanithi, K. Mahadevan, and S. Kannan, "Reliability Analysis for Restricted and Un-restricted Demand of Tamil Nadu Power Grid for the year 2014 using WASP-IV,"

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14. C. Chandravathi, K. Mahadevan, P. S. Kumari, and R. H. Ahamed, "Detection of oxytocin in fruits and vegetables using wireless sensor," Indian Journal of Science and Technology, vol. 9, pp. 1-4, 2016.
15. M. Senthil Kumar and K. Mahadevan, "A Novel Methodology Based on Particle Swarm Optimization and Genetic Algorithm in Paper Industry and Marine Application," Indian journal of Geo-Marine Sciences, Vol. 45(10), pp. 1357-1364, 2016.
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