

Dr. S. UMA MAHESWARI

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3. S. KanimozhiSuguna, Dr.S.Uma Maheswari, 2014, "Performance Analysis of Feature extraction and selection of region of interest by segmentation in mammogram images between the existing metaheuristic algorithms and Monkey Search Optimization (MSO)", WSEAS Transactions on Information Sciences and Applications, Vol.11, pp.72-88, 2014.
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5. A.N.Senthilvel, Dr. S. Uma Maheswari, T Hemalatha, "Heuristic Robust Algorithm to Optimize Sequencing of Jobs on a Single Machine", Proceedings of International Conference on Advances in Manufacturing and Material Engineering, Elsevier Publications, Vol.5, pp. 1473–1481, 2014. doi: 10.1016/j.mspro.2014.07.467
6. R. Indumathy and S. Uma Maheswari, "An adaptive particle swarm optimization algorithm for solving DNA fragment assembly problem" Current Bioinformatics. Vol. 10, No. 1, pp. 97-105, 2015.
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13. Puvaneswari G & UmaMaheswari S, 'Fault Dictionary based single Hard Fault Detection in NonLinear Analog circuits', International Journal of Research Studies in Science, Engineering and Technology, 2015, vol.2, no.7, pp. 37-44, ISSN 2349-4751 (Print) & ISSN 2349-476X (Online).
14. Puvaneswari G & UmaMaheswari S, 'Single Hard Fault Detection in Linear analog Circuits Based on Simulation before Testing Approach', International Journal of Engineering Research and Development, 2015, vol.11, no.7, pp.01-07,e-ISSN: 2278-067X, p-ISSN: 2278-800X, ANED-DDL 06.067X/A1170107.
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18. B.Premalatha,Dr.S.Umamaheswari, "Attractive and Repulsive Particle Swarm Optimization Algorithm based Wire length Minimization in FPGA Placement", International Journal of VLSI Design and Communication systems(IJVDACS), ISSN : 2322-0929, IF 2.0124, Vol.03, Issue 04, July-2015.
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27. T. Yathavi and S. Uma Maheswari, "Design and Development of Reconfigurable Microstrip Patch Antenna for Secure Communication", Middle-East Journal of Scientific Research vol. 24, no.9, pp. 2832-2842, October 2016 DOI: 10.5829/idosi.mejsr.2016.24.09.23873.
28. Sowmiya J, Karthika P.S., Dr. S. Uma Maheswari, Dr. G.Puvaneswari, Design of Level Shifter by using Multi Supply Voltage", International Research Journal of Engineering and Technology (IRJET), vol. 3, no. 11, November, 2016.
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32. B. Premalatha & S. Uma Maheswari, March 2020, "A hybrid bio-inspired optimisation approach for wirelength minimisation of hardware tasks placement in field programmable gate array devices, International Journal of Bio-Inspired Computation, (Inderscience Publication) Vol. 15, No. 2, pp:125-134. DOI: 10.1504/IJBIC.2020.10028029.
33. P. Dhanaraj, S. Uma Maheswari, "Performance analysis of electrically coupled SRR bowtie antenna for wireless broadband communications", Wireless Networks, Vol. 26, Issue 7, pp 5271-5283, 2020 (DOI: [10.1007/S11276-020-02396-Y](https://doi.org/10.1007/S11276-020-02396-Y))