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List of Publications:

1. K. N. Madhusudhan and **P. Sakthivel**, "Combining Digital Signature with Local Binary Pattern-Least Significant Bit Steganography Techniques for Securing Medical Images", Journal of Medical Imaging and Health Informatics, published by American Scientific Publishers. Vol. 10, pp. 1288-1293 (2020).

2. C. Gokul, **P. Sakthivel** and P. R. Karthikeyan, "Test Scheduling for System On Chip Using Modifed Firefy and Modifed ABC Algorithms", SN Applied Sciences, published by Springer Nature (2019).

3. C. Vijayalakshmi, **P. Sakthivel** and Anand Vinekar, "Automated Detection and Classification of Telemedical Retinopathy of Prematurity Images", Telemedicine and e-Health, published by MARY ANN LIEBERT, INC. . pp. 1-5 (2019).

4. C. Gokul, **P. Sakthivel** and P. R. Karthikeyan, "Minimization of Test Time in System On Chip Using Artificial Intelligence-Based Test Scheduling Techniques", Neural Computing and Applications, published by Springer. (2019).

5. P. R. Karthikeyan and **P. Sakthivel**, "Entropy Based Illumination-Invariant Foreground Detection", IEICE Transactions on Information Systems, published by IEICE Information Systems Society. Issue 7, pp. 1434-1437 (2019).

6. S. Lekashri and **P. Sakthivel**, "Lossless Image Compression for Low Memory Using Dynamic Partial Reconfiguration in Asynchronous FPGA", Journal of Advanced Research in Dynamical & Control Systems, Vol. 11, Issue 2, pp. 298-307 (2019).

7. S. Lekashri and **P. Sakthivel**, " Design and evaluation of dynamic partial reconfiguration using fault tolerance in asynchronous FPGA", Microprocessors and Microsystems, published by Elsevier. Vol. 71, pp. 1-11 (2019).

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9. B Gomathi, **P Sakthivel**, " Fusion of Hybrid Optimization Algorithm and Fuzzy set for enhancing Information Retrieval using clustering", International Journal of Advanced Research in Computer Science Special, published by I C T Academy. Vol. 9, Issue 1, pp. 104-106 (2018).

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11. B. Arunsundar, **P. Sakthivel** and E. Natarajan, "Analysis of Energy Consumption and Latency in Advanced Wireless Networks Through DRX Mechanism", The Journal of Supercomputing, published by Springer. pp. 1-23 (2018).

12. S. Uma and **P. Sakthivel**, "Hardware Evaluation and Software Framework Construction for Performance Measurement of Embedded Processor", Journal of Computational and Theoretical Nanoscience, published by American Scientific Publishers. Vol. 15, pp. 1-9 (2018).

13. C. Gokul, **P. Sakthivel** and P. R. Karthikeyan, " Firefly and Modified Ant Colony Optimization Technique for Test Scheduling and Reduction of Testing Time for Core based System-on-Chip (SoC)", Taga Journal, published by SWANSEA PRINTING TECHNOLOGY LTD. Vol. 14, pp. 743-751 (2018).

14. P. R. Karthikeyan, **P. Sakthivel** and T.S. Karthik, " Comparative Study of Illumination-Invariant Foreground Detection", The Journal of Supercomputing, published by Springer Nature. (2018).

15. S. Sridevi and **P. Sakthivel**, "Real-Time Simulation Design for Continuous Process Industries", Lecture Notes in Electrical Engineering, published by Springer. Vol. 403, Issue 7, pp. 83-98 (2017).

16. D. Sivasankar and **P. Sakthivel**, "Enhancing Quality of Service in Real Time Communication Services for Network on Chip", International Journal of Electronics Engineering Research, Vol. 9, Issue 2, pp. 233-240 (2017).

17. S. Lokesh, O. Uma Maheswari and **P. Sakthivel**, "Test Data Compression for Digital Circuits Using Tetrad State Skip Scheme", Design Automation of Embedded Systems, published by Springer. Vol. 21, pp. 197-211 (2017).

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21. S. Bhanumathi and **P. Sakthivel**, "Preservation of Private Information using Secure Multi-party Computation", Indian Journal of Science and Technology, Vol. 9, Issue 14, pp. 1-6 (2016).

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