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List of Publications

1. Lalin L Laudis, Shilpa Shyam, Caroline Jemila, V Suresh, MOBA: multi objective bat algorithm for combinatorial optimization in VLSI, Procedia Computer Science 125, 840-846, 2018

2. V .SURESH CHRISTY .VARGHESE, Control of Permanent Magnet Synchronous Motor using MRAS Volume 3,Issue 4,2014,Page 71-77, 2014

3. Lalin L Laudis, Shilpa Shyam, V Suresh, Ajay Kumar, A Study: Various NP-Hard Problems in VLSI and the Need for Biologically Inspired Heuristics, Recent Findings in Intelligent Computing Techniques, 193-204, 2018

4. FA Princi Rani, SN Kumar, A Lenin Fred, Charles Dyson, V Suresh, P S Jeba, K-means Clustering and SVM for Plant Leaf Disease Detection and Classification, Pages 1-4 International Conference on Recent Advances in Energy-efficient Computing and Communication, 2019.

5. V Suresh, S Joseph Jawhar, SV Kayalvizhi, A Novel Drive With Bi-Directional Switch Modules For The Bldc Motor With Resonant Ac Link Powered By Photo Voltaic Source With Battery Storage, Journal of Electrical Engineering Vol 18 Page 1-13, 2018.

6. Lalin L Laudis, N Ramadass, Shilpa Shyam, R Benschwartz, V Suresh, An Adaptive Symbiosis based Metaheuristics for Combinatorial Optimization in VLSI, Procedia Computer Science Vol 167 Page 205-212, 2020

7. A Absara, Subbiahpillai Neelakantapillai Kumar, A Lenin Fred, H Ajay Kumar, V Suresh, An Improved Fuzzy Clustering Segmentation Algorithm Based on Animal Behavior Global Optimization, Soft Computing for Problem Solving, Page 737- 748, 2020.

8. A Lenin Fred, V Suresh, Rintu Ann Mathew, Reethu Reji, Sruthi Sunil Mathews, Hardware Implementation of Heart Rate and QRS Complex Detection Using Raspberry Pi Processor for Medical Diagnosis, International Conference on Recent Advances in Energy-efficient Computing and Communication (ICRAECC) page 1-4, 2019.

9. SN Kumar, Ajay Kumar, A Lenin Fred, V Suresh, W Abisha, G Brenda, Group Method Data Handling Neural Network for CT Abdomen Image Segmentation based on First Order Statistics and Local Binary Pattern, International Conference on Recent Advances in Energy-efficient Computing and Communication (ICRAECC), Page 1-5, 2019.

10. V. Suresh S. R. Santhiya , S.V. Femi , S. S. Shyla Mol, Optimized PID Controller for Low Power Applications using Particle Swarm Optimization, INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH & TECHNOLOGY, Vol 8, issue 4, page 8-11, 2019.

11. Ramji B, Kayalvizhi S V, Suresh V, Boiler Drum Level Control by Using Hybrid Fuzzy-PID Controller, Proceedings of International Conference on Energy Efficient Technologies for Sustainability, 2018

12. Suji M, Kayalvizhi S V, Suresh V, DTMF Based Mobile Controlled Robotic Vehicle, International Conference on Energy Efficient Technologies for Sustainability (ICEETS) 2018.

13. Dr V Suresh Dr A Lenin Fred , Anne G S Sheaba , Ashy V Daniel, Survey On Smart Irrigation Using Raspberry Pi, International Journal of Management, Technology And Engineering, Vol. 8, issue 12, Page 1778-1783, 2018.

14. V.Suresh, Prathyusha.P, Babin.T.Praise, SPEED CONTROL OF DC MOTOR USING ANT COLONY OPTIMIZATION ALGORITHM, International Journal of Advanced Research in Biology Engineering Science and Technology, Vol 2, Issue 6, Page112-117, 2016.

15. V Suresh, J Jawahar, Speed Control of BLDC motor using ANFIS over conventional Fuzzy logic techniques, International Journal of Soft Computing Techniques, Vol 1,issue 1page 42-48, 2016.

16. S. Joseph Jawhar V. Suresh, MODELLING AND CONTROL OF INTERLEAVED PARALLEL BOOST CONVERTER USING FUEL CELL ENERGY GENERATION SYSTEM, International Journal of Soft Computing Techniques, vol 1, Issue 1, Page 63-73, 2016.

17. Moli Acharya, Suresh, Particle Swarm Optimization in the usage consequences for low power in optimized PID Controller, Journal of Electrical Engineering and computer science, Vol 1, issue 1, 2019.