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Publications during last five years

- 1) **S. Devi**, L. Sivakumar & M. Saravanan, 'An experimental analysis in detection of root cause fault occurrence in steam turbines using artificial neural networks', International Journal of Applied Engineering Research, Vol. 10, no. 8 (2015), pp. 6379- 6384.
- 2) K. Sindhuja & S. Devi, 'Interactive color video segmentation technique for high definition video processing based on fuzzy logic', International Journal of Applied Engineering Research, Vol. 10, no. 5 (2015), pp. 4773-4776.
- 3) Anjali Ashok, S. Devi & K. Kalaichelvi, 'Implementation Of A New High Speed Radix-4 Fft/Ifft Cordic Processor For 3gpp Application', International Journal of Applied Engineering Research, Vol. 10, no.5 (2015), pp. 4809-4812.
- 4) P. Anandha Kumar, **S. Devi**, A. Nepolean & K. Kalaichelvi, 'Design And Implementation of ultra power CNFET based sleepy SRAM', International Journal of Applied Engineering Research, Vol. 10 no.5 (2015), pp. 4840-4843
- 5) **S. Devi**, M. Saravanan, 'An innovative modular device and wireless control system enabling thermal and pressure sensors using FPGA on real-time fault diagnostics of steam turbine functional deterioration', Mechanical Systems and Signal Processing, Vol. 102, (2018), pp. 312-328.
- 6) **Dr.S. Devi**, Dr. A. Rijuvana Begum, Dr. Smitha Elsa Peter, Prof. A. Sujatha Priyadharshini, 'Implementation of Prewitt Edge Detection Operator for Image Segmentation using VLSI Technique' Advanced Engineering Research and Applications, Chapter1, pp. 1-13.
- 7) **S. Devi**, D. Jeevagan, 'Neuro-Fuzzy Based Self Learning System For Diagnosis of Health Parameter Using Labview', International Journal of Pure and Applied Mathematics, Accepted for Publication, 2018.
- 8) Sowmya.S, Smitha Elsa Peter, **S.Devi**, A. Rijuvana Begum, A.Sujathapriyadharshini, 'Design and Implementation of Invisible Border

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- 9) Sembaruthi.S, **Dr.S.Devi**, Dr.Smitha Peter Elsa, 'IOT Based Real Time On Site Agricultural System', International Journal of Pure and Applied Mathematics Accepted for Publication, 2018.
- 10) S.M. Sivakama Sundari, A. Sujatha Priyadharsini, **S. Devi**, A. Rijuvana Begum, Smitha Elsa Peter, 'VLSI Based Dynamic Reconfiguration of Arithmetic Units of Video Encoding', International Journal of Pure and Applied Mathematics, Accepted for Publication, 2018.
- 11) Dr. TTM.Kannan, **Dr. S.Devi**, Dr. P.Avirajamanjula, Dr. S.Ezhilarasan, Development Of Portable Table Top Equipments For Micro Manufacturing, Research India Publications, Accepted for Publication, 2018.
- 12) S. Sambath Kumar, **S. Devi**, Privacy Preservation in Data Mining Using Hybrid Artificial Neural Network and Particle Swarm Optimization, JASC: Journal of Applied Science and Computations, Volume VI, Issue I, January/2019, Page No:2229-2234.
- 13) S. Sambath Kumar, **S. Devi**, Privacy Preservation and Security Mechanisms in Big Data Life Cycle- An Exhaustive Review, JASC: Journal of Applied Science and Computations, Volume VI, Issue I, January/2019, Page No:2240-2247.
- 14) S. Lakshiya Sree, **S. Devi**, Systematic Warehouse to Protect The Basic Needs for Common People, International Journal of Computer Sciences and Engineering, Vol.-7, Issue-1, Jan 2019.
- 15) Kishore Sebastian, **S. Devi**, A novel model of feature extraction for lung cysts detection in CT image using Minutiae based Mumford and Shah functional model, Australian Journal of Electrical and Electronics, Volume 16, 2019 - Issue 4, Pages 345-356.
- 16) Kishore Sebastian, **S. Devi**, A Novel Diagnostic Model For Lung Cancer Detection Using Mumford-Shah and SVM Classifier, International Journal of Innovative Technology and Exploring Engineering, Vol.9, No. 3, 2019.
- 17) S. Sambath Kumar, **S. Devi**, Image Privacy Preservation using AES With Salt Key and Gaussian Blur Algorithms with the Application of Data Perturbation in Cloud, International Journal of Innovative Technology and Exploring Engineering,

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