

Members from Anna University and Affiliated Colleges

Member 3

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PUBLICATIONS

2019

1. M Prathiba, Deepa Jose, R Saranya,” Automated Melanoma Recognition in Dermoscopy Images via Very Deep Residual Networks,” in IOP Conference Series: Materials Science and Engineering, vol 561,no 1,pp 012107, April 2019
2. L Punitha, Krishnasamy Nirmala Devi, Deepa Jose, J Sundararajan,” Design of double edge-triggered flip-flop for low-power educational environment,” in The International Journal of Electrical Engineering & Education, August 2019
3. H Kareemullah, Deepa Jose, P Nirmal Kumar, S Radha,” Adopting a low hardware redesigned architectural design for educational environment by using DFE-based 5G communication,” International Journal of Electrical Engineering & Education, March 2019
4. Preethisri Varadaraju, P Nirmalkumar, Deepa Jose, Neelam Sanjeev Kumar,” Content addressable memory as a teaching aid for low-power technique study”, International Journal of Electrical Engineering & Education, Feb 2019
5. Jose, Deepa, P. Nirmal Kumar, Arfath Hussain, and Prabhu Shanker. "VLSI circuit partitioning using ant colony optimisation to yield fault tolerant testable systems." Arabian Journal for Science and Engineering 39, no. 12 (2014): 8709-8729.
6. I Babu, Deepa Jose,” Counter measure to protect sensitive information stealthily in remote interchanges using steganography in educational environments”, International Journal of Electrical Engineering & Education, Feb 2019

2018

1. Deepa Jose,” IOT Based Pollution Monitoring System Using Raspberry-Pi,” International Journal of Pure and Applied Mathematics, vol 118, no 24, 2018, ISSN: 1314-3395
2. S Praveen Kumar, S Sanjay, Deepa Jose,” Cloud Based Medical Assist For Elderly And Blind,” International Journal of Pure and Applied Mathematics, vol 120,no 6,pp 1113-1127,2018.
3. Deepthi Ramesh, Deepa Jose, R Keerthana, V Krishnaveni,” Detection of Pulmonary Nodules Using Thresholding and Fractal Analysis,” Computational Vision and Bio Inspired Computing, pp 937-946, 2018

2017

1. Deepa Jose, A Noufal Chithara, P Nirmal Kumar, H Kareemulla,” Automatic Detection of Lung Cancer Nodules in Computerized Tomography Images,” National Academy Science Letters, vol 40,no 3,pp 161-166,June 2017
2. Deepa Jose, Nirmala Devi, B Vidhya,”A Novel Partial Dynamic Reconfiguration Based Fault Tolerant System on Chip”, International Conference on Technology and Business Management , vol 10,pp 12,2017
3. T Pranish, Deepa Jose, “Area efficient Cordic FFT using error correction codes and parseval checks for OFDM systems”, ARPN J Eng Appl Sci,vol 11,pp 5,2017

2016

1. Deepa Jose, P Suganya, Palanichamy Nirmal Kumar,” Content Addressable Memory Using Automatic Charge Balancing with Self-Control Mechanism and Master-Slave Match Line Design,” Circuits and Systems, vol 7,no 6,pp 597-611,2016
2. Josel, Deepa, J. Nathimugil, and Abida Begum, "Implementation of Optimized Montgomery modular Multiplier on FPGA," International Journal of Advanced Research in Engineering and Technology, vol 2, no. 4,pp 50-54,2016
3. Jose, Deepa, and Roshini Tamilselvan, "Fault tolerant and energy efficient signal processing on FPGA using evolutionary techniques," in Computational Intelligence, Cyber Security and Computational Models, pp. 155-164. Springer, Singapore, 2016.

2015

1. Jose, D., M. Chitra, and P. Nirmal Kumar, "Reliability improvement of partitioned VLSI systems for fault tolerance," Int J Appl Eng Res 10 (2015): 18151-18165.