

## **Members from other University/Institutions**

### **Publications of Dr. S. SANTHI – Member 3**

1. M. Saya Nandini Devi, S. Santhi, "Improved OCT Image Enhancement Using CLAHE.", International Journal of Innovative Technology and Exploring Engineering, IJITEE, Volume 8, Number 11, pp. 1351-1355. 2019/ISSN: 2278-3075, Sep 2019.
2. Saya Nandini Devi M, Santhi S, "Improved Method of OCT Image Segmentation for the Detection and Classification of Retinopathy Diseases", International Journal of Recent Technology and Engineering, Volume 8, Number 4, pp. 8747-8753. 2019/ ISSN: 2277-3878, Nov 2019.
3. M. Saya Nandini Devi, S. Santhi, "Automated Classification and Detection of Macular hole by using OCT image .", International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Volume 6, Number 2, pp. 721-726. 2017/ISSN: 2278-8875, Feb 2017.
4. M.Arivamudhan, S.Santhi, A.Arunkumar, Least Square estimation approach for transformer parametric model identification, CONFERENCE ON INSTRUMENTATION SYSTEMS, MEASUREMENT AND AUTOMATION (CISMA-2015), PUDUCHERRY, pp. 151-154, Jan 7-8, 2016.
5. M. Saya Nandini Devi, S. Santhi, Improved Edge Detection methods in OCT Images using a Hybrid Frame work based on CGWO Algorithm, IEEE Conference, International Conference on Communication and Signal Processing, AdhiParasakthi Engineering College, Melmaruvathur,TamilNadu, pp. 465-469, Apr 4-6, 2019.
6. Arivamudhan M, Santhi S, Analysis of mechanical integrity in power transformer using statistical techniques, 2019 Third IEEE International Conference on Electrical, Computer and Communication Technologies (IEEE ICECCT 2019), SVS College of Engineering, Coimbatore, pp. 237-242, Feb 20-22, 2019.
7. M.Arivamudhan, S.Santhi, Gabor Wigner Transformation Technique to Identify Transformer Winding Movements, 5th IEEE India Council International Conference (INDICON 2018), Coimbatore, pp. 362-368, Dec 16-18, 2018.
8. M.Arivamudhan, S.Santhi, FPGA Realization of FFT and DWT Algorithm for the detection of transformer winding deformation, 2018 Second International Conference on Intelligent Computing and Control Systems (ICICCS), Vaigai College of Engineering, Vinayagapuram, Therkuthuru, Madurai, pp. 210-214. IEEE. DOI: 10.1109/ICCONS.2018.8663125, Jun 14-15, 2018.
9. M. Saya Nandini Devi, S. Santhi, Enhancement of Optical Coherence Tomography Images: An Iterative Approach Using Various Filters, International Conference on ISMAC in Computational Vision and Bio-Engineering 2018 (ISMAC-CVB), Palladam, Coimbatore, pp. 1-10. Palladam, Coimbatore, May 16-17, 2018.
10. M.P.Madhan Mohanaraj, S.Santhi, M.Arivamudhan, N.Vanamadevi, FPGA Realization of Signal analysis Algorithms for transformer winding deformation detection, International Conference on Communication and Control Engineering (ICCCE-2K16), Villupuram, pp. 1-6, Dec 29-30, 2016.
11. M. Saya Nandini Devi, S. Santhi, Lecture Notes in Computational Vision and Biomechanics, vol 30, Springer Nature Switzerland AG 2019: Springer, Cham, 978-3-030-00665-5, pp. 107-117, <https://link.springer.com/chapter/10.1007%2F978-3-030-00665-5-12>, Jan 2019

