Dr. Sr. A. Jenitta, M.E., Ph.D., M.I.S.T.E.,

Vice Principal & Professor
Dept. of Electronics and Communication Engineering
Idhaya Engineering College for Women,
Chinnasalem, Tamilnadu, India

List of Publications:

Research Publications in International Journals

1. **Jenitta, A,** & Catherine Mary, J, **2019**, 'Identification of Nutrient Deficiencies in Plant Leaf Using Probabilistic Neural Network', **Journal of Applied Science and Computations (JASC),**Vol.6,issue.3,pp.225-231, **(UGC approved journal Serial Number: 41238, Impact Factor 5.8)**

2. **Jenitta, A** & Samson Ravindran, R **2018** , 'Content based geographic image retrieval using local vector pattern' **Brazilian Archives of Biology and Technology,** vol. 61, e18160717, 2018 http://dx.doi.org/10.190/1678-4324-2018160717 **(AU-Annexure 1, S. No. 1615, Impact Factor:0.45)**

3. **Jenitta, A** & Arul Jothi, **2018**, 'An Convolutional Neural Network Approach for Automatic Image Annotation and Refinement' **International Journal on Electronics & Wireless Communication Engineering (IJEWCE),** Vol. 10, Issue 10.

4. **Jenitta, A** & Samson Ravindran, R **2017** , 'Image Retrieval based on Local Mesh Vector Co-occurrence Pattern for Medical Diagnosis from MRI brain images' **Journal of Medical Systems, Springer US,** vol. 41, no. 10, Article-157, DOI 10.1007/s10916-017-0799-z. **(AU-Annexure-I, S. No. 6581, Impact Factor: 2.456)**

5. **Jenitta, A,** Abinandhini, G, Geerthanadevi, M, & Latha, **2017**, M 'A Fast Panorama Stitching Method of Image Sequence', **IOSR Journal of Electronics and Communication Engineering (IOSR-JECE),** PP 58-63

6. **Jenitta, A** & Ramya, R, **2017** 'Foot Injury Detection using K-means clustering and mean shift segmentation algorithm' IJARBEST, ACE Publication, Vol.3.

7. **Jenitta, A** & Samson Ravindran, R **2016**, 'An Efficient Content-Based Medical Image Retrieval Using Local Vector Pattern', Asian Journal **of Research in Social Sciences and Humanities,** vol. 6, no. 9, pp. 161-172. **(AU-Updated list- 2016, S. No. 1108, Impact Factor: 4.557).**

8. **Jenitta, A,** Samson Ravindran, R, Subathra, T, Saranya, R & Vimala Tamil Selvi, K **2015**, 'Image Processing Based Blood Group Identification from Agglutinated Blood Sample images', **International Journal of Applied Engineering Research,** vol. 10, no. 9, pp. 6974- 6979. **(AU-Annexure-II, S. No. 8565, Impact Factor: 0.14).**

Research Publications in International and National Conference

International Conference

1. **A.Jenitta**, & A.Maria Eadel Queen, "Detection of Border Line Mental Dis-Order on Imaging of Electro Cardio Signals Using Empirical Mode Decomposition", International Conference on Computing Information Electronics and Electrical Engineering, Feb 2020.

2. Sneha .S & **A. Jenitta**, "Morphological Based Rain Streaks Removal in Traffic Surveillance Using CNN Technique", International Conference on Computing Information Electronics and Electrical Engineering, Feb 2020.

3. R.Saranya, & **A.Jenitta**, "Neural Network Based Human Age Estimation and Classification from Medical Imaging Data" International Conference on Computing Information Electronics and Electrical Engineering, Feb 2020

4. **Jenitta, A** & Samson Ravindran, R ,"Reflexive spotting of Deep Vein Thrombosis in the Femoral Nerve based on Multiple Feature Extraction and Classification techniques', In : Proc. of **IEEE** International conference on Emerging Devices and Smart Systems, Namakkal, India on 3,4 March 2017.

5. **Jenitta, A**, Samson Ravindran, R & Catherina Mary, J , 'Textural Feature Extraction from Medical Images using Local Pattern Descriptor', In: Proc. of the International conference computing, Information, Electronics and Electrical Engineering, Villupuram, India on 12,13 April 2016

National Conference

1. **Jenitta, A,** Jayashree, S, Jayasutha, B, Kalaimathi, C & Prabha, M **'**Change detection for remote sensing imagery', In: Proc. of the National Conference on Recent Advances in Communication Engineering, Sri Balaji Chockalingam Engineering College, Arni, India on 24th March 2016.