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ANNEXURE I

LIST OF PUBLICATIONS (5 YEARS)

JOURNAL PUBLICATIONS:-

1. G.Babu, Despeckle Ultrasonic Image using Anisotropic Diffusion Complex Wavelet Transform, International Journal of Advanced Science and Technology , July 2020. ISSN: 2005 - 4238 IJAST Vol. 29, No. 04, (2020), pp. 7580-7587.

2. G.Babu, 2D MRI Intermodal Hybrid Brain Image Fusion using Stationary Wavelet Transform, International Journal of Biomedical Engineering and Technology, February 2020 Annexure, Int. J. Biomedical Engineering and Technology, Vol. 32, No. 2, pp. 123-143. DOI: 10.1504/IJBET.2020.100 27364.

3. G.Babu, Improved Image Segmentation Model On Complex Curves Using Parametric Approaches, International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) ,April 2018,ISSN 0976-1353 , Volume 25 Issue 5 (Special Issue).

4. G.Babu, Classification of Multimodal Sensor Medical Images Based on Image Fusion using Wavelet Transform, Journal of Chemical and Pharmaceutical Sciences, July 2017, ISSN 0974-2115, Special Issue 11, pp 82-88.

5. G.Babu, Localization of neurodegenerative brain MRI image for gene expression evaluation, Biomedical Research, February 2017 Annexure, ISSN 0970-938X, Vol. 28, Issue 2, pp. 539-548. Cited by 6.

6. G.Babu, Medical Image Fusion by PCA method and implementation on FPGA, International Journal of Emerging Trends in Science and Technology, May 2016, ISSN 2348-9480 Vol. 3, Issue 5, pp. 800-806.

7. G.Babu, A Novel Approach for FPGA Implementation of Pixel Level Image Fusion, International Journal of Advanced and Innovative Research, February 2016, ISSN 2278-7844 Vol. 5, Issue 3, pp. 127-133.

8. G.Babu, Fast Computation for Digital Image Registration and performance evaluation using parallel computation, IJICSE International Journal of Inventions in Computer Science and Engineering, February 2015, ISSN 2348-3539 Vol. 2, Issue 2, pp. 7-11.

9. G.Babu, Lesion Area Detection (LAD) using Superpixel Segmentation, IJST Indian Journal of Science and Technology, July 2015, ISSN(Print): 0974-6846 (Online) : 0974-5645 Vol. 8, Issue 15, pp. 1-6.

CONFERENCE PUBLICATIONS:-

1. G. Babu, Underwater Image De-noising using Wiener and Fuzzy Filter, International Conference on Research Advancements and Challenges in Engineering Sciences (ICRACE '20), 06- 07.03.2020. Improved DNA Microarray Spot Finder for Memory Loss Detection.

2. G. Babu , Improved DNA Microarray Spot Finder for Memory Loss Detection, 9 th International Conference on Science and Innovative Engineering 2019, March 24th 2019.

3. G.Babu, Improved Image Segmentation Model On Complex Curves Using Parametric Approaches, International Conference On Innovations And Challenges In Engineering And Technology -ICICET '18, April 7 th 2018.

4. G. Babu, Brain Tumor Detection Using Image Fusion Based on Fuzzy Logic and Wavelet Transform, 2nd International Conference on Recent Trends in Engineering and Technology, ICRTET '17, May 5 th 2017.

5. G.Babu, Classification of Multimodal Sensor Medical Images Based on Image Fusion using Wavelet Transform, International Conference On Innovations And Challenges In Engineering And Technology-ICICET'17, April 8 th 2017.

6. G.Babu A Proposed Method Of SAR Image Fusion, International Conference On Engineering A Digital Green Era 2016, March 19th 2016.

7. G.Babu, Brain Tumor Classification Using ANFIS, International Conference On Engineering A Digital Green Era 2016, March 19th 2016.

8. G.Babu, Design of Spatial Filter for Fused CT and MRI brain images, 2015 International Conference on Advanced Computing and Communication System, January 5-7, 2015.

9. G.Babu, Fast Computation For Medical image registration and Performance Evaluation using Parallel Computation, International Conference on Science, Technology, Engineering and Management, March 26th 2015.