

Dr. G. Babu M.E., Ph.D.,
Associate Professor
Department of Bio Medical Engineering
SRM Eashwari Engineering College
Ramapuram
Chennai-600089.
Mobile No. 9841810605
Email: babutry@gamil.com

Publications

SL. NO	Journal/ Conference	PAPER TITLE	JOURNAL NAME / CONFERENCE NAME	DATE	PLACE
1	International Journal	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	International Conference	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	Received Best Paper Award Velammal Institute of Technology, Chennai
3	International Journal	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.2020.10027364
4	International Journal	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)

5	International Journal	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.
6	International Journal	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
7	International Journal	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.
8	International Journal	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.
9	International Journal	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.
10	International Journal	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.
11	International Journal	Automatic 3D Brain Image Registration	IJIMT International Journal of Innovation, Management and Technology	October 2013 Annexure	Print: ISSN 2010-0248 Vol.4,No.5
12	International Conference	Improved DNA Microarray Spot Finder for Memory Loss Detection	9 th International Conference on Science and Innovative Engineering 2019	March 24 th 2019	Jawahar Engineering College, Chennai.
13	International Conference	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	Kings Engineering College, Chennai ISBN 978-93-5291-751-8
14	International Conference	Comparative Analysis of MRI-PET Brain Image Fusion Using Discrete Wavelet Transform	ICGSP '17 Proceedings of the International Conference on Graphics and Signal Processing	Singapore June 24 - 27, 2017	ACM New York, NY, USA©2017. table of contents ISBN:978-1-4503-5239doi: 10.1145/3121360.3121365
15	International Conference	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	St. Joseph's Institute of Technology, Chennai

16	International Conference	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	Kings Engineering College, Chennai. ICICET'17 pp.1-8
17	International Conference	A Proposed Method Of SAR Image Fusion	International Conference On Engineering A Digital Green Era 2016	March 19 th 2016	Rajalakshmi Engineering College, Chennai. ICEDGE 2016
18	International Conference	Brain Tumor Classification Using ANFIS	International Conference On Engineering A Digital Green Era 2016	March 19 th 2016	Rajalakshmi Engineering College, Chennai. ICEDGE 2016
19	International Conference	Design of Spatial Filter for Fused CT and MRI brain images	2015 International Conference on Advanced Computing and Communication System	January 5-7, 2015	Sri Eshwar College Of Engineering, Coimbatore, India. [978-1-4799-6438-3/15/\$31.00 ©2015 IEEE] ICACCS-2015
20	International Conference	Fast Computation For Medical image registration and Performance Evaluation using Parallel Computation	International Conference on Science, Technology, Engineering and Management	March 26 th 2015	JEPPIAAR – ICON PEICE'15 pp.633-638
21	International Conference	Lesion Area Detection (Lad) Using Superpixel Segmentation	International Conference on Science, Technology, Engineering and Management	March 27 th 2015	JEPPIAAR – ICON PEICE'15 pp.654-659
22	International Conference	Mutual Information based Medical Image Registration for Accurate Feature Extraction	International Conference on Pattern Recognition Applications and Techniques	March 1-2,2013	Meenakshi College for Women,Chennai-24.
23	International Conference	Statistical Analysis of MRI Brain Image Segmentation for spotting tumors	International Conference on Futuristic Trends in Electronics Engineering	March 2-3,2013	Thiruvalluvar College of Engineering and Technology, Vandavasi.
24	National Conference	Satellite Image Resolution Enhancement based on Interpolation of wavelet domain	2 nd National Conference on Expanding Horizon in Computer, Information Technology, Telecommunication, Electrical and Electronics	April 2-3 2013	Prathyusha Institute of Technology and Management, Aranyoalkuppam
25	National Conference	Anatomical Structure Segmentation of Brain Images in MRI	Indian Conference on Advancement in Technology for Sustainable Development	January 24 th 2012	DMI College of Engineering, Palanchur.
26	National Conference	Retinal blood vessel segmentation using fast discrete curvelet transform	National conference on emerging trends in Communication, VLSI , IMage Processing (NCETCVIP -12)	March 24 th 2012	Gojan School of Business and Technology, Chennai
27	National Conference	MRI Brain Image Segmentation by EM and FCM Algorithm	Fourth National Conference on ITPED-2011	March 24 th 2011	Velammal Engineering College, Chennai pp. 11-16.

28	National Conference	A Image Compression Algorithm Combining Set-partitioning and Context Prediction	Fourth National Conference on ITPED-2011	March 25th 2011	Velammal Engineering College, Chennai pp. 193-197.
29	National Conference	Non-Linear Analysis of Epilepsy Seizure Detection	National Conference on Networking & Communication	April 19th 2007	RMD Engineering College, Chennai