<p style="text-align:center;"><u>**DOCTORAL COMMITTEE MEMBER PUBLICATIONS**</u></p>

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Area of Specialization: Computer Vision, Machine learning, Deep learning, Information Retrieval Techniques

PUBLICATIONS
Journal Publications:

Thomson Reuters:
1. R. Priyadharsini, Dr. T. Sreesharmila, Dr. V. Rajendran published a paper titled, "Acoustic image enhancement using Gaussian and laplacian pyramid – a multiresolution based technique" in Multimedia Tools and Applications**, February 2017**, **Springer, DOI 10.1007/s11042-017-4466-7, (Thomson Reuters, Indexed IF:1.530),** ISSN: 1573-7721.
2. R. Priyadharsini, Dr. T. Sreesharmila, Dr. V. Rajendran published a paper titled, " A wavelet transform based contrast enhancement method for underwater acoustic images" in Multidimensional System and Signal Processing, **November 2017, Springer, DOI 10.1007/s11045-017-0533-5, (Thomson Reuters, Indexed IF:1.365),** ISSN: 1573-0824.
3. R. Priyadharsini, A. Beulah, T. Sree Sharmila , "Optic Disc And Cup Segmentation In Fundus Retinal Images Using Feature Detection and Morphological Techniques" has been accepted for publication in Current Science Journal, (**Thomson Reuters, Impact Factor: 0.843**). ISSN: 0011-3891.

Scopus:

1. M.Gayathri Devi, R.Priyadharsini," Underwater Acoustic Image Enhancement Using Sparse Representation", International Journal of Applied Engineering Research (IJAER),Annexure-II, Print ISSN 0973-4562, Vol. 10 No.55,page no: 411-414,2015
2. S.Kovarthini, R.Priyadharsini," Example-based approach for enhancement of underwater acoustic image using Markov Random Field", International Journal of Applied Engineering Research (IJAER),Annexure-II, Print ISSN 0973-4562, Vol. 10 No.55, page no: 4190-4192.,2015
3. V. Ajay, S. Shivaranjani, S.L. Azlagiavanan and R. Priyadharsini," An Efficient Exemplar Based Inpainting and Super Resolution Algorithm for Images", Middle-East

Journal of Scientific Research 24 (9): 2878-2885, 2016 ISSN 1990-9233 © IDOSI Publications, 2016 DOI: 10.5829/idosi.mejsr.2016.24.09.23944

4. Sharath Chander P., J. Soundarya, R. Priyadharsini and B. Bharathi published a paper titled, " Data Analysıs of Natural Language Queryıng Usıng NLP Interface", in International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 8 (2018) pp. 5792-5795, SJR:0.15

5. S.V.Jansi Rani, R.Priyadharsini, R.Kavya, "Advanced Driver Assistance System using Image Processing Techniques", International Journal of Innovative Technology and Exploring Engineering, Vol.9,Issue(2),2019. ISSN: 2278-307, SJR: 0.30

UGC Approved Journal:

1. Rajkumar K, R. Priyadharsini,"Various Image Segmentation Method for Underwater Acoustic Image – A Survey", International Journal of Emerging Technology in Computer Science & Electronics (IJETCSE) ISSN: 0976-1353 Volume 24 Issue 9 – JUNE 2017.

2. Revathy, Suganyadevi, Supriyaa, Priyadharsini.R, Manisha.S, " Automatic and Efficient Cleansing of Illustration Images in Web", Journal of Image Processing and Artificial Intelligence Volume 3 Issue 3 - November 2017.

3. Dhanushree, M., Priyadharsini, R. & Sree Sharmila T, published paper titled "Acoustic image denoising using various spatial filtering techniques" in International journal of information Technology. 1st January 2019, Springer. https://doi.org/10.1007/s41870-018-0272-3, Online ISSN 2511-2112

Conferences:

1. R. Priyadharsini, Dr. T. Sreesharmila Published a paper in National Conference on RTCSET'14 on the topic "Comparative Analysis of underwater acoustic image enhancement techniques" conducted by Sree Sastha College of Engineering, 2015.

2. R. Priyadharsini, Dr. T. Sreesharmila, Dr. V. Rajendran Presented a paper titled "Underwater acoustic image enhancement using wavelet and KL transform" in "IEEE International conference on applied and theoretical computing and communication technology",October,2015.

3. R. Priyadharsini, Dr. T. Sreesharmila, Dr. V. Rajendran Published a paper titled " An Efficient Edge Detection Technique Using Filtering and Morphological Operations for Underwater Acoustic Images" in "ACM Second International Conference on Information and Communication Technology for Competitive Strategies Proceedings",March 2016.

4. Sharumathi K and R.Priyadharsini, "A Survey On Various Image Enhancement Techniques For Underwater Acoustic Images", in International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) – 2016,978-1-4673-9939-5/16/$31.00 ©2016 IEEE,Pg No: 2930-2933 held at DMI College of Engineering.

5. S. Shivaranjani and R.Priyadharsini, " A Survey on Inpainting Techniques", in International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT) – 2016,978-1-4673-9939-5/16/$31.00c©2016 IEEE, Pg No: 2934-2937 held at DMI College of Engineering.

6. M. Dhanalakshmi, P. Mirunalini, R. Priyadharsini, T.T. Mirnalinee published a paper titled, " Review of Feature Extraction and Matching methods for Drone image Stitching", in International Conference on ISMAC in Computational Vision and Bio-Engineering

(2018 ISMAC - CVB) organized on 16-17 May 2018 by SCAD Institute of Technology at Coimbatore, India.

7. R. Priyadharsini , T. Sree Sharmila , Dhanushree M, "Evaluation of Filters using Speckle Noise Suppression Measures for Underwater Acoustic Images", International Conference on Intelligent Computing and Sustainable System (ICICSS 2018) organized on 20, 21 September, 2018 by Akshaya College of Engineering and Technology, IEEE conference

8. P. Mirunalini, R. Priyadharsini, Vignesh Gokul, Sharath Chander. P, J.Soundarya, "Generative Adversarial Networks for Image Generation", 3rd International Conference on Inventive Computation Technologies (3rd ICICT 2018) organized on November 15-16, 2018 at Coimbatore, Tamilnadu, IEEE conference

9. J. Soundarya, Sharath Chander. P, R. Priyadharsini, P. Mirunalini, "Audio Hiding in an image using steganographic methods ", 3rd International Conference on Inventive Computation Technologies (3rd ICICT 2018) organized on November 15-16, 2018 at Coimbatore, Tamilnadu, IEEE conference

10. Sharath Chander. P, J. Soundarya , R. Priyadharsini ," Brain Tumour Detection and Classification using K means clustering and SVM Classifier" , RiTA 2018, 6th International Conference on Robot Intelligence Technology and Applications, Dec 16, 2018 - Dec 18, 2018, Pullman Lakeside Hotel, Putrajaya, Malaysia published in Lecture notes in Mechanical Engineering, Scopus

11. L.Yamini, R.Priyadharsini, A. Beulah, " Sickle Cell Detection in Blood Smear Images using Shape Descriptors", ICMCE 2018, International Conference on Mathematical Computer Engineering, VIT Chennai, 23-24th November, 2018

12. Dr. R. Priyadharsini and Dr. T. Sree Sharmila published a paper titled "Object Detection In Underwater Acoustic Images Using Edge Based Segmentation Method" in Elsevier Procedia Computer Science 165, 27 Feb 2020, ISSN: 1877 - 0509, pages 759–765

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