Profile

Name	: Dr. RAJEESH. J, BE, ME, PhD.
Sex	: Male
Date of Birth	:26.07.1969
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Educational Qualifications:

Sl.No.	Qualification	College/ University	Year of Passing	Class
1.	PhD, Electronics and Communication Engineering	Anna University	May, 2012	-
2.	ME, Communication Systems	Thiagarajar College of Engineering, Madurai Kamaraj University	Dec,2002	Ist with Dist.
3.	BE, Electronics and Communication	Indian Engineering College, Madurai Kamaraj University	April, 1990	Ist

Teaching/Research and Industry Experience: 32 Years

| Sl. No. | University/College/R&D Organization/ Industry | Designation | Period | | Total Years |
			From	To	
1.	College of Engineering Perumon (Government of Kerala)	HOD/ Professor, Dept. of ECE	07.10.2022	Till date	
2.	College of Engineering Kidangoor (Government of Kerala)	HOD/ Professor, Dept. of ECE	31.05.2018	06.10.2022	4 years 5months
3.	College of Engineering, Thalassery (Government of Kerala)	HOD/ Professor, Dept. of ECE	06.01.2016	30.05.2018	2 years 5 months
4.	TKM Institute of Technology	HOD/ Professor, Dept. of BME	05.05.2014	04.01.2016	1 year 8 months
5.	Ponjesly College of Engineering	Professor, Dept. of ECE.	01.02.2013	30.04.2014	1 year 3 months
6.	Noorul Islam University	HOD/Associate Professor, Dept. of BME	20.06.2012	31.01.2013	7 months
7.	Noorul Islam University	Associate Professor, Dept. of ECE	01.11.2011	19.06.2012	7 months
8.	Noorul Islam University	Assistant Professor, Dept. of ECE	01.06.2009	31.10.2011	2 years 5 months
9.	Noorul Islam College of Engineering	Senior Lecturer, Dept. of ECE	08.09.2008	31.05.2009	8 months
10.	Noorul Islam College of Engineering	Lecturer	22.12.2002	07.09.2008	5 years 8 months
11.	Dr.Jeyasekaran Medical Trust	HOD/Biomedical Engineer	01.09.1992	15.12.2002	8 years 3 months

Organized Workshops/ Seminars/ Conferences

Sl.No.	Name of Workshop/ Seminar/ Conference	Institution	Role and Date	Sponsored by
1.	National Conference on	College of	Convener/ 14th	TEQIP

	Signal Processing and Communication Engineering	Engineering, Thalassery.	and 15th July, 2016	
2.	International Conference on Advances in computer and Electronics World	TKM Institute of Technology, Kollam	Technical Committee Member/ 26th and 27th March 2015	
2	National Biomedical Engineering Conference	TKM Institute of Technology, Kollam	General Co Chair/ 9th January 2015	
3	International Conference on Recent Advances in Mechanical Engineering and Interdisciplinary Developments	Ponjesly College of Engineering, Nagercoil.	Technical Committee Member/ 7th and 8th March 2014	IEEE
4	National Seminar on Engineering Research in Weather Forecasting	Ponjesly College of Engineering, Nagercoil.	Convener/ 13th September 2013	CSIR
5	IEEE Conference of Information and Communication Technologies	Noorul Islam University, Kumaracoil	Organizing Committee Convener/ 11th and 12th April 2013	IEEE
6	International Conference on Global Challenges, Strategies and solutions in Engineering, Business and Disaster Management	Noorul Islam University, Kumaracoil	Advisory Committee Member/ 8th and 9th March 2013	IEEE

Other Academic Responsibilities

- NBA Coordinator
- College council member
- NIU Board of studies Chairman
- KTU Board of Studies Member
- IDP Chairman
- Head of the Department
- IQAC Coordinator

Professional strengths:

- Possess 32 years of professional experience as Engineer, Teacher and Researcher.
- PhD Supervisor for Anna University, Chennai (Approval No: 21.04.16)
- PhD Supervisor for Kerala Technological University
- Three students completed PhD under my guidance
- Two students doing PhD under my guidance
- Reviewed more than 25 PhD Thesis

LIST OF PUBLICATIONS

International Journals:

1. Shihabudeen H1, Dr. Rajeesh J and Dr. Umesh P "Vehicle Detection & Classification Using Integration of YOLOv3 & ORB Algorithm: A Deep Learning Approach", YEMR, ISSN : 0044-0477(Accepted for Publication)

2. H.Shihabudeen, J. Rajeesh, "Deep Learning L2 Norm Fusion for Infrared & Visible Images",IEEE Access, Volume 10, Page(s): 36884-36894, 2022

3. T. Gopalakrishnan, J. Rajeesh, S. Palanikumar,"Automatic Nucleus Level Breast Cancer Detection System", Journal of Advanced Research in Dynamical and Control Systems, Volume 11, Special Issue 04, Pages 255-266,2019, (Scopus Indexed, IP: 0.2)

4. T. Gopalakrishnan, J. Rajeesh, S. Palanikumar, "Robust Breast Cancer Detection by utilizing the multi-resolution features", International Journal of Signal and Imaging Systems Engineering, Vol.11, No.4, Pages 225-236, 2018, (Scopus Indexed, IP: 0.21)

5. T. Gopalakrishnan, J. Rajeesh, S. Palanikumar, Narasimhan K,"Automated analysis of Histopathology images for cancer diagnosis – A review", Research Journal of Pharmaceutical, Biological and Chemical Sciences, Vol. 8 No. 1, Pages 1381-1386, 2017

6. Lazar. Prinza, Jayapathy. Rajeesh'Torrents-Barrena, Jordina, Improving the performance of empirical mode decomposition via Tsallis entropy: Application to Alzheimer EEG analysis, Bio-Medical Materials and Engineering, vol. 29, no. 5, pp. 551-566, 2018, DOI: 10.3233/BME-181008, 2018.

7. J. Torrents-Barrena; P. Lazar;R(Rajeesh). JayapathyComplexwaveletalgorithm for computer-aideddiagnosis of Alzheimer's disease , IET Electronics Letters Year: 2015, Volume: 51, Issue: 20 Pages: 1566 - 1568, DOI: 10.1049/el.2015.1735 (IF 0.854)

8. Prinza Lazar, Rajeesh Jayapathy et al., Fuzzy-entropy threshold based on a complex wavelet denoising technique to diagnose Alzheimer disease, IET Health care Technology Letters, Volume 3, Issue 3, September 2016, p. 230 – 238.

9. M. S. Rahul, E. Arun, P. Mohamed Shameem, J. Rajeesh, An Augmented Routing Algorithm for Trusted Detection of Link Failures in MANETs, Springer Wireless Personal Communications, 2016, DOI: 10.1007/s11277-016-3735-5 (IF 0.701)

10. J Rajeesh, E Arun, Region Growing and Level Set Compound for Hippocampus Segmentation, DJ Journal of Advances in Electronics and Communication Engineering, Vol. 1(1) 2015, pp. 1-7

11. Aiswarya PT, Dr.J. Rajeesh, Generation of DSM for building model construction from Airborne LIDAR data, International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE) Volume 5, Issue 4, April 2016.

12. Rajeesh, J., Moni, R.S. and Kumar, S.S. "Performance Analysis of Wave Atom Transform in Texture Classification", Signal Image and Video Processing, 2012 (Accepted). Impact Factor : 0.617.

13. Rajeesh, J., Moni, R.S., Palanikumar, S. and Gopalakrishnan, T. "Discrimination of Alzheimer's Disease using Hippocampus Texture Features", Asian Biomed, Vol. 6, No. 1, pp.87-94,2012.Impact Factor : 0.333.

14. Rajeesh, J., Kumar, S.S.and Moni, R.S."Automatic Liver and Lesion Segmentation: A Primary Step in Diagnosis of Liver Diseases". Signal Image and Video Processing, 2011, (accepted and published in online). Impact Factor : 0.617.

15. Rajeesh, J., Moni, R.S., Palanikumar, S. and Gopalakrishnan, T. "A versatile algorithm for the automatic segmentation of hippocampus based on level set", International Journal of Biomedical Engineering and Technology, Vol. 7, No. 3, pp.213-224, 2011.Scopus Indexed.

16. Rajeesh, J., Kumar, S.S. and Moni, R.S."Liver Tumor Classification using co-occurrence matrix on contourlet domine". Machine Graphics and Vision, (Accepted, 2012). Scopus Indexed.

17. Rajeesh, J., Moni, R.S., Palanikumar, S. and Gopalakrishnan, T. "Noise Reduction in Magnetic Resonance Images using Wave Atom Shrinkage",International Journal of Image Processing, Vol.4,pp.131-141, 2010.

18. Rajeesh, J., Moni, R.S., Palanikumar, S. and Gopalakrishnan, T. "Knowledge Based Automatic Segmentation of Hippocampus in Wave atom pre-processed MRI".International Journal of Electronic Engineering Research, Vol. 2, pp.409-418, 2010.

19. Rajeesh, J., Moni, R.S., Palanikumar, S. and Gopalakrishnan, T. "Wave Atom Shrinkage based Noise Reduction on Magnetic Resonance Image". International Journal of Image Processing and Networking Techniques, Vol.3, pp. 25-32, 2010.

20. Rajeesh, J., Kumar, S.S. and Moni, R.S."Automatic Segmentation of Liver and Tumor for CAD of Liver". Journal of Advances in Information Technology, Vol. 2, No. 1, pp.63-70, 2011.

21. Rajeesh, J., Palanikumar, S. and Sasikumar, S. "Palm Print Enhancement using Discrete Curvelet Transform".International Journal of Computer Science Issue, Vol. 6, No. 2, pp.313-319, 2011.

National Journals:

1. Rajeesh, J., Moni, R.S. and Palanikumar, S. "A Comparative Analysis of Filters for Histogram Smoothing in Automatic Segmentation of CN from Brain MR Image". National Journal of Technology, Vol. 5, pp. 84-87, 2009.

International Conferences

1. Rajeesh, J., Moni, R.S. and Palanikumar, S. "Reaction Filter for De-noising of Magnetic Resonance Images". Proceedings of International Conference on Computing Technologies. Mepco Schlenk Engineering College, Sivakasi, India, pp. 141-146, 2009.

2. Rajeesh, J., Moni, R.S., Palanikumar, S.and Gopalakrishnan, T. "Rician Noise Removal on MRI Using Wave Atom Transform with Histogram BasedNoise Variance Estimation". Proceedings of IEEE International Conference on Communication, Control and Computing Technologies. Syed Ammal Engineering College, Ramanathapuram, India, pp. 87-91, 2010. Scopus Indexed.

3. Rajeesh, J., Moni, R.S.and Kumar, S.S. "Contourlet Transform based Computer-Aided Diagnosis system for liver tumors on computed tomography images". Proceedings of IEEE International Conference on Signal Processing, Communication, Computing and Networking Technologies. Noorul Islam University, Thuckalay, India, pp. 217-222, 2011. Scopus Indexed.

4. Rajeesh, J., Palanikumar, S.and Sasikumar, M. "Palm print enhancement using GA-AIVHE method". Proceedings of IEEE International Conference on Communication, Control and Computing Technologies. Syed Ammal Engineering College, Ramanathapuram, India, pp. 637-642, 2010. Scopus Indexed.

5. Rajeesh, J., Palanikumar, S.and Sasikumar, M. "A novel local contrast palm print enhancement". Proceedings of International Conference on Recent Advances in Mechanical Engineering. Noorul Islam University, Kumaracoil, India, 2010.