PUBLICATIONS- Dr.R.PRAKASH

1. R. Hemalatha, R. Prakash "An Energy Efficient Routing in Smart Grid Wireless Sensor Networks based on HSA-MPSO Algorithm" TEST Engineering and Management, March-April 2020 ISSN: 0193-4120 Page No. 3138 – 3153, (Indexed in Scopus). https://testmagzlne.biz/index.php/article/view/4163.html

2. C. Kumar and R.Prakash, "Improving Ultrasound Imaging Using Deep Adaptive Network Loss (DANL) Techniques" International Journal of Advanced Science and Technology, Vol. 29, No. 6s, (2020), pp. 200-209, March-April 2020 ISSN: 0193-4120 Page No. 10638 - 10647 (Indexed in Scopus).
http://sersc.org/journals/index.php/IJAST/article/view/8746

3. C. Kumar and R.Prakash, "An Algorithm for Denoising Using Principle Component Analysis (PCA) Thresholding based Dual Tree Complex Wavelet Transform (DTCWT) and Block Matching Algorithm (BMA) On Ultrasound Medical Image" International Journal of Psychosocial Rehabilitation, Vol. 24, Issue 05, 2020 ISSN: 1475-7192. (Indexed in Scopus). DOI: 10.37200/IJPR/V24I5/PR201965

4. C. Kumar and R.Prakash, "A Novel Algorithm For Denoising Using Adaptive Thresholding Based Dual Tree Complex Wavelet Transform on Ultrasound Medical Image TEST Engineering and Management", March-April 2020 (Indexed in Scopus). https://acadpubl.eu/hub/2018-119-18/2/135.pdf

5. R.Rajarajan and R.Prakash., "Mitigation of Voltage Sags and Stability Analysis of Distribution System based on UPQC using Substantial Transformation Intrinsic Algorithm" Journal of Critical Reviews Vol 7, Issue 4, 2020, (Indexed in Scopus). http://www.jcreview.com/fulltext/197-1585666230.pdf

6. R.Rajarajan and R.Prakash., "A reformed adaptive frequency passiveness control for unified power quality compensator with model parameter ability to improve power quality", Microprocessors and Microsystems Volume 73, March 2020., (Indexed in SCI) https://doi.org/10.1016/j.micpro.2019.102984
Impact Factor: 1.161

7. R. Rajarajan and R. Prakash., "Unbalance Source Voltage and Load Current Mitigation Using UPQC based on Power Impelling Optimization Technique" International Journal

of Psychosocial Rehabilitation, Vol. 24, Issue 03, 2020 ISSN: 1475-7192., (Indexed in Scopus).   DOI: 10.37200/IJPR/V24I3/PR200948

8. R. Hemalatha, R. Prakash and C. Sivapragash, Analysis on energy consumption in smart grid WSN using path operator calculus centrality based HSA-PSO algorithm, Soft Computing, pp 1– 13,   13 Dec 2019.,   https://doi.org/10.1007/s00500-019-04580-5 (Indexed in SCI) Impact factor -3.050

9. C. Kumar and R.Prakash "Ultrasound Image Denoising Using Threshold Based Wavelet Transformation Method" Journal of Medical Imaging and Health Informatics, 10(8):1825-1830, August 2020, (Indexed in SCI) DOI: 10.1166/jmihi.2020.3195 Impact factor -0.67

10. P. T. Supriya, R. Prakash., International Journal of Innovative Technology and Exploring Engineering ”Optimization of power system with Automatic Voltage Regulator using Soft computing Techniques” ISSN: 2278-3075, Volume-9 Issue-1, November, 2019, Indexed in Scopus., https://www.ijitee.org/wp-content/uploads/papers/v9i1/A4499119119.pdf

11. M. R. Mohanraj and R. Prakash “A Unified Power Quality Conditioner for Power Quality Improvement in Distributed Generation Network Using Adaptive Distributed Power Balanced Control (ADPBC)”International Journal of Wavelets, Multiresolution and Information Processing,2 August 2019 (25pages) https://doi.org/10.1142/S0219691319410212

12. M. R. Mohanraj and R. Prakash “Collation of Mamdani-Type and Sugeno-Type Fuzzy Inference System for Condition Monitoring of Power Transformer” Journal of Computational and Theoretical Nanoscience Vol. 16, 1839–1847, 2019. http://adsabs.harvard.edu/abs/2019JCTN...16.1839M

13. R.Dhivya, Dr.R.Prakash, "Edge Detection of Images Using Improved Fuzzy C-Means and Artificial Neural Network Technique" Journal of Medical Imaging and Health Informatics , AMER Scientific Publishers ISSN: 2156-7018, 2019, Cited in Science Citation Index (SCI), JCR, Impact Factor: – 0.549**DOI:** https://doi.org/10.1166/jmihi.2019.2719

14. Dhivya, R and Prakash, R., Edge Detection of Satellite Images Using the Ant Colony Optimization, Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 10-

Special Issue, 2018, Pages: 1673-1681 https://www.jardcs.org/backissues/abstract.php?archiveid=507

15. Dhivya, R and Prakash, R., Edge Detection Using Adaptive-Neuro-Fuzzy Interference-System in Remote Sensing Images, Journal of Computational and Theoretical Nanoscience, Vol. 15, No. Pages: 2720–2723, September 2018, DOI: 10.1166/jctn.2018.7529

16. Dhivya, R and Prakash, R., Stripe Noise Separation and Removal in Remote Sensing Images, Journal of Computational and Theoretical Nanoscience, ISSN:1546-1963 Vol. 15, No.9, Pages: 2724–2728, 10, September 1, 2018, DOI: 10.1166/jctn.2018.7530

17. Dhivya, R and Prakash, R., Edge detection of satellite image using fuzzy logic., Cluster Computing, ISSN1386-7857, 9 December 2016, Pages: 1-8 Cited in Science Citation Index (SCI), JCR, Impact Factor: 2.040, DOI https://doi.org/10.1007/s10586-017-1508-x

18. Dhivya, R and Prakash, R., Ear Authentication Using Edge Detection and Feature Extraction. Advances in Natural and Applied Sciences. ISSN: 1995-0772, Vol. 10, No. 17, Pages: 89-94, December2016,CitedinScopus, http://www.aensiweb.net/AENSIWEB/anas/anas/2016/December/89-94.pdf

19. Dhivya, R and Prakash, R., Edge Detection Based on Fuzzy Logic and Huffman Coding on Remote Sensing Images, International Journal of Printing, Packaging & Allied Sciences, ISSN 2320-4387, Vol. 4, No. 4, Pages: 2369-2377, December 2016.

20. Dhivya, R and Prakash, R., A Paper on Edge Detection in Images using Fuzzy K Means Clustering Approach, International Journal of Engineering and Computer Science, ISSN: 2319-7242 Vol. 5, No.11, Nov.2016, Page No. 18848-18852, http://www.ijecs.in/index.php/ijecs/article/view/2896

21. Dhivya, R and Prakash, R., An Approach on Edge Detection in Images Using Fuzzy C Means Clustering Method, Imperial Journal of Interdisciplinary Research (IJIR) Vol-2, Issue-12, 2016 ISSN:2454-1362. https://pdfs.semanticscholar.org/e200/6f450a365982acaf0830339eca82c8f5fa6b.pdf