Name: Dr R Vidhyapriya

Details of papers published

I. INTERNATIONAL JOURNAL:

1. N Ravitha Rajalakshmi, R Vidhyapriya, N Elango, N Ramesh, (2020), "Deeply supervised U-Net for mass segmentation in digital mammograms" International Journal of Imaging Systems and Technology, Vol 4, pp. 526-537. print ISSN: 0899-9457, https://doi.org/10.1002/ima.22516
2. N Ravitha Rajalakshmi, B Sangeetha, R Vidhyapriya, N Ramesh, (2020), "Combined Radiology and Pathology Based Classification of Tumor Types", Deep Learning for Cancer Diagnosis, SCI, volume 908 , pp. 99-109
3. Vidhyapriya R & Lovelyn Rose S (2019), "Personal Authentication Mechanism Based on Finger Knuckle Print", Journal of Medical Systems, Vol 43:232 DOI: 10.1007/s10916-019-1332-3, (Impact Factor 2.098), ISSN 0148-5598 (print), August 2019
4. Priya Ramasamy, Vidhyapriya Ranganathan, Seifedine Kadry, Robertas Damaševičius, Tomas Blažauskas, (2019), "An Image Encryption Scheme Based on Block Scrambling, Modified Zigzag Transformation and Key Generation Using Enhanced Logistic—Tent Map, MDPI - Entropy , Volume 21, Issue 7, pp. (Impact factor : 2.305); ISSN, 1099-4300 (print), doi:10.3390/e21070656.
5. Sangeetha Balachandran , Vidhyapriya Ranganathan, Divya Vetriveeran (2019), "Aligning Large Biomedical Ontologies for Semantic Interoperability using Graph Partitioning", International Journal of Biomedical Engineering and Technology, Vol.31 No.2, pp. 137-160, July, ISSN print 1752-6418, (Impact Factor: 0.13) DOI: 10.1504/IJBET.2019.102120

6. P. Priya Ponnuswamy, R. Vidhyapriya, C.P. Shabari Ram, (2019), "File Retrieval And Storage In The Open Source Cloud Tool Using Digital Bipartite And Digit Compact Prefix Indexing Method", Journal of Concurrency and Computation Practice and Experience, DOI: 10.1002/cpe.5307, (Impact Factor: 1.114), Online ISSN:1532-0634, John Wiley & Sons, Ltd., May 2019.
7. Priya Ramasamy, Vidhyapriya R, Venketesh Palanisamy, Seifedine Kadry, (2019), "Securing One-Time Password Generation Using Elliptic-Curve Cryptography with Self-Portrait Photograph For Mobile Commerce Application", Journal of Multimedia Tools and Applications, DOI: https://doi.org/10.1007/s11042-019-7615-3, (Impact Factor 1.541), ISSN 1380-7501(print), April 2019.
8. Rekha, R & Vidhyapriya, R, (2018) 'Design of Hybrid model for Cardiac Arrhythmia Classification Based on Daubechies Wavelet Transform in Body Area Sensors', Advances in Clinical and Experimental Medicine, Wroclaw Medical University, Vol. 27, No.6, June, pp. 727–734. DOI: 10.17219/acem/68982 (Impact Factor 1.127). ISSN 1899–5276 (print)
9. Ms B Vidya., Dr.Vidhyapriya R. (2018), 'Image compression and Reconstruction by Examplar based Inpainting using Wavelet Transform on Textural Regions', Cluster

Computing – The Journal of Software Tools and Applications, Springer, ISSN 1386-7857, January 2018.

10. Rekha, R & Vidhyapriya, R (2018), 'Maximization of Arrhythmia Classification Accuracy by Addressing Class Overlap and Imbalance Problem, International Journal of Biomedical Engineering and Technology, Inderscience, Vol. 26, No. 2, pp. 197-216, 2018 (Annexure – I / SJR Factor 0.21).

11. Ms B Vidya., Dr.Vidhyapriya R. (2017), "Kriging Interpolation Technique with Triangulated Irregular Network for Image Compression Using Image Inpainting", Journal of Computational and Theoretical Nanoscience, Volume 14, Number 12, December 1, 2017, pp. 5756-5760(5), DOI: https://doi.org/10.1166/jctn.2017.7009, American Scientific Publishers

12. Ms. Sumathi A.C., Dr.Vidhyapriya R. (2017), " Enhancing 4G coexistence with Wi-Fi / IoT using Cognitive radio", Cluster Computing – The Journal of Software Tools and Applications, Springer, ISSN 1386-7857, DOI: 10.1007/s10586-017-1383-5

13. Archana, N, Vidhyapriya, R, Benedict, A & Karthik Chandran, (2017) 'Deterministic Oscillatory Search - A new Meta-heuristic Optimization Algorithm', SADHANA - Academy Proceedings in Engineering Sciences, The Indian Academy of Sciences & Springer, ISSN: 0973-7677. Volume 42, Issue 6, pages 817-1024, June 2017,

14. Rekha, R & Vidhyapriya, R, (2017), 'Evaluation of Effect of Unsupervised Dimensionality Reduction Techniques on Automated Arrhythmia Classification in Body Area Sensors', Biomedical Signal Processing and Control, DOI: 10.1016/j.bspc.2016.12.017, Vol. 34, April 2017, Pg. No: 1 – 8, ISSN: 1746 -8094, ELSEVIER, (Annexure – I / Impact Factor: 1.521).

15. R Senthil Prabha and R Vidhyapriya, (2017) "Intruder Detection System Based on Behavioral Biometric Security", Journal of Scientific & Industrial Research, Vol 76, pp. 90-94, February 2017. ISSN: 0022-4456, Impact Factor 0.557

16. Archana N, Vidhyapriya R, (2016) "Improving Voltage Stability of Power System by Optimal Location of Facts Devices Using Bio-Inspired Algorithms", Circuits and Systems, Vol. 7, No. 6, pp. 805-813, ISSN: 2153-1293 May 2016.

17. Archana N, Vidhyapriya R, (2016) "A Novel SRF Based UPFC in Grid Connected Wind and Solar Hybrid System", Journal of Scientific and Industrial Research, Vol. 75, pp. 720-724, December 2016

18. Rekha, R & Vidhyapriya, R (2016), 'Critical Evaluation of Linear Dimensionality Reduction Techniques for Cardiac Arrhythmia Classification' Circuits and Systems, Scientific Research Publishing, Vol. 7, pp. 2603-2612.

19. Rekha, R & Vidhyapriya, R (2016), 'Optimal Selection of Feature Extraction Method for PNN Based Automatic Cardiac Arrhythmia Classification' International Journal of Advanced Engineering Technology, Technical Journals Online, Vol. 7, pp. 1281-1285.

20. Ms N Archana, Dr R Vidhyapriya (2016), "A Bibliographic Survey On Power System Optimisation Using Soft Computing Techniques" International Journal of Advanced Engineering Technology, vol. VII, Issue I, /Jan.-March, pp. 327-333, E-ISSN 0976-3945.

21. Archana N, Vidhyapriya R, Ashok Kumar L, Berose Abdul Kadar A, (2016) "Power Quality Improvement in A Multi Machine System using a STATCOM", International Journal of Research in Advent Technology, vol. 4, no. 1, pp. 16-22, January 2016.

22. AshokKkumar L. Archana N. and Vidhyapriya R., (2015) "Power Quality Improvement of Grid Connected Wind Energy Systems Using Statcom-Battery Energy Storage System", ARPN Journal of Engineering and Applied Sciences, vol. 10, no. 21, pp. 9872-9879, November 2015.

23. Archana N, Vidhyapriya R, Ashok Kumar L, Berose Abdul Kadar A, (2015) "A Survey on Power Quality Improvement of Multi Machine Systems Using FACTS Devices", International Journal for Research in Applied Science & Engineering Technology, vol. 3, pp. 216-222, Oct 2015.

24. Ms N Archana, Dr R Vidhyapriya (2015), "Improving the Power Quality of Six Parallel Operated Onshore Wind Turbines using UPFC", Research Journal of Applied Sciences, Engineering and Technology, vol. 10, No. 11, pp. 1330-1335, Print ISSN:2040-7459, Maxwell Scientific Organization, August, 2015.

25. Ms.R.Senthil Prabha, Dr.R.Vidhyapriya & Mr.K.V.Harikrishnan, (2015) "Touch Performance Analysis On The Feature Reduction In User Authentication System Using Single wipe On Touch Screen Devices", International Journal of Applied Engineering Research (IJAER), International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.2 (2015) pp. 1415-1419.

26. Ms.R.Senthil Prabha, Dr.R.Vidhyapriya & Ms.V.P.Brindha," (2015) Biometric lock pattern authentication for smart phones " , International Journal of Applied Engineering Research (IJAER), ISSN 0973-4562 Vol. 10 No.55, pp.34-39.

27. R Senthil Prabha, R Vidhyapriya (2015), "Performance Analysis for a Touch Dynamic Authentication System with Reduced Feature set using Neural Network", IETE Journal of Research, DOI:10.1080/03772063.2015.1083906, 2015

28. Rekha.R, Dr.R.Vidhyapriya and R.Geetha Rajakumari (2015), "Electrocardiogram – Fuzzy Based Secure Healthcare System Using Time and Frequency Domain Features", International Journal of Applied Engineering Research(IJAER), Vol. 10, No.55, Print ISSN: 0973-4562

29. Rekha.R, Dr.R.Vidhyapriya and R.Geetha Rajakumari (2015), "Secure Communication in BAN using Modified Fuzzy Vault Scheme", International Journal of Computer Applications, pp. 37-42, ISSN: 0975-8887.

30. Sangeetha B., Dr. Vidhyapriya R. and Monikasree R., (2015), "Semantic Ontology Mapping Using Ensemble Learning", Australian Journal of Basic and Applied Sciences, Vol 9, Issue 16, pp. 312-318, ISSN No.: 1991-8178

31. B. Vidhya, Dr. R. Vidhyapriya, (2015) "A Combined Approach of DCT and DWT in Image Compression"; International Journal of Applied Engineering Research, ISSN 0973-4562. Vol.10 No.87, pp.81-84.

32. B Sangeetha, R.Vidhyapriya and Therumal Pathy S P, (2015), "Semantic Ontology Mapping using Extreme Learning Machine with Dimensionality Reduction", International Journal of Applied Engineering Research, Vol. 10 No.55, pp. 1529-1533, ISSN No.:0973-4562, June.

33. B Sangeetha, R. Vidhyapriya and Therumal Pathy S P, (2015), "Semantic Mapping using Extreme Learning Machine", IJCA Proceedings on International Conference on Innovations in Computing Techniques (ICICT 2015) , Vol. 3, pp. 1-5, July, ISSN No.: 0975-8887.

34. B Sangeetha, R.Vidhyapriya and Monikasree R, (2015), "Semantic Ontology Mapping using Support Vector Machine", *IJCA Proceedings on International Conference on Innovations in Computing Techniques (ICICT 2015), Vol. 3, pp. 6-11*, July, ISSN No.: 0975-8887.

35. Ms. Sumathi A.C., Dr.Vidhyapriya R. (2015), "Intense Explore Algorithm – A Proactive way to Eliminate PUE Attacks in Cognitive Radio Networks", International Journal of Applied Engineering Research (IJAER), Vol. 10, No.2, pp. 3827-3842, ISSN No.: 1087-1090, Print ISSN: 0973-4562

36. Ms. Sangeetha B., Dr.Vidhyapriya R., and Sindhu G (2015), " Mapping of Domain Ontologies Using Aggregation Method", International Journal of Applied Engineering Research (IJAER), Vol. 10, No.2, pp. 1460-1465, March, ISSN No.: 1087-1090, Print ISSN: 0973-4562

37. Ms B Vidya, Dr R Vidhyapriya, (2015), "A Combined Approach of DCT and DWT in Image Compression", International Journal of Applied Engineering Research, ISSN 0973-4562., Vol.10 No.87 (2015) page no 81-84., Research India Publications;

38. Ms A C Sumathi, Dr R Vidhyapriya, (2015), "Detection of Malicious Secondary User Using Spectral Correlation Technique in Cognitive Radio Network", Australian Journal of Basic and Applied Sciences, Vol. 9, Issue 5, March, pp.185-191, ISSN No.: 1991-8178