

Name of DC Member: Dr.V.Vijayalakshmi

List of Publications

(Year 2020-Nil Publications)

Year: 2019

1. R. Sharmila and V. Vijayalakshmi, "Hybrid key management scheme for heterogeneous wireless sensor networks ", International Journal of Knowledge Engineering and Soft Data Paradigms, vol. 6, No. 2, pp, 95-109, September 2019. (Inderscience)
2. Tamizhselvan. C and Dr. V. Vijayalakshmi, "Secure and Authenticated Naming Scheme for IoT Devices in Heterogeneous Networks", International Journal of Innovative Technology and Exploring Engineering, Vol. 08, Issue-10, pp 3815- 3820, August 2019.
3. M.SunilBabu and Dr. V. Vijayalakshmi, " A Review on Acute/Sub-Acute Ischemic stroke lesion segmentation and registration challenges ", Multimedia tools and applications, (SPRINGER) SCI, vol-78, no.2, pp. 2481-2506, 2019.
4. M.SunilBabu and Dr. V. Vijayalakshmi, " A Hybrid Approach for Sub-Acute Ischemic Stroke Lesion Segmentation Using Random Decision Forest and Gravitational Search Algorithm ", Current Medical Imaging Reviews, (BENTHAM SCIENCE) SCI, vol-15, no.02, pp. 170-183, 2019.
5. M.SunilBabu and Dr. V. Vijayalakshmi, "An Effective Approach for Sub-Acute Ischemic Stroke Lesion Segmentation by Adopting Meta-Heuristics Feature Selection Technique along with Hybrid Naive Bayes and Sample-Weighted Random Forest Classification", Sensing and Imaging, (SPRINGER) SCOPUS, vol-20, no.01, pp.1- 24 (online),2019.
6. M.SunilBabu and Dr. V. Vijayalakshmi, "Automatic segmentation of sub-acute ischemic stroke lesion by using DTCWT and DBN with parameter fine tuning", Evolutionary Intelligence, (SPRINGER) SCOPUS, vol-20, no.01, pp.1- 12 (online),2019.

Year: 2018

7. C. Tamizhselvan and Dr. V. Vijayalakshmi, "An Energy Efficient Secure Distributed Naming Service for IoT", International Journal of Advanced Studies of Scientific Research, Vol. 3, No.8, 2018. (Abstracted and Indexed in Elsevier- SSRN)
8. P. Vijayakumar, V. Vijayalakshmi, R. Rajashree, Increased Level of Security Using DNA Steganography, "International Journal of Advanced Intelligence Paradigms", Vol.10, no. ½, 2018. (SCOPUS Indexed).
9. M.SunilBabu and Dr. V. Vijayalakshmi, "A Crossbred Approach for Effective Brain Stroke Lesion Segmentation", International Journal of Intelligent Engineering & Systems, (ELSEVIER) SCOPUS, vol-11, no.01, pp. 286-295, 2018.

Year: 2017

10. R. Sarala, G. Zayaraz and V. Vijayalakshmi, " Risk Aware Intelligent system for Insider Threat Detection" International Journal of Data Analysis Techniques and Strategies, Vol. 9, No. 4, December 2017.

Year: 2016

11. D. Sivaiah, Krishna Naik. D and Dr.V. Vijayalakshmi, "Structure- Modulated Sapre Representation to improve the performance of Sparsity- Based Image Super- Resolution", International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 5, Issue 11, Pp. 8722-8726, November 2016. ISSN 2278-8875.
12. P. Vijayakumar, V. Vijayalakshmi, and G. Zayaraz, "An Improved Level of Security for DNA Steganography Using Hyperelliptic Curve Cryptography", Wireless Personal Communication, Vol. 89, Issue 4, pp. 1221-1241, August 2016(Springer, SCOPUS Indexed)
13. R.Divya, V.Vijayalakshmi, "Secure And Efficient Multibiometric Fusion Based Cryptosystem Using Blind Separation Encryption", International Journal of Biometrics, Vol. 8, No. 2, 2016. Print ISSN: 1755-8301 Online ISSN: 1755-831X.
14. R.Divya and Dr. V.Vijayalakshmi, "Multibiometric Cryptosystem with Feature level fusion Using Hard Fuzzy Logic", International Journal of Communication Technology for Social Networks, Science & Engineering Research Support Society (SERSC), 2016
15. R.Sharmila and V.Vijayalakshmi, "An energy efficient routing protocol using hybrid evolutionary algorithm in wireless sensor networks", International Journal of Knowledge Engineering and Soft Data Paradigms, Inderscience publication, vol.5, No.3/4, pp.285-301, 2016. (ACM Digital Library)
16. R. Ramsagar Reddy, Krishna Naik Dungavath and Dr. V. Vijayalakshmi, "High-Speed and Energy Efficient Carry Skip Adder using Skip Logic," International Journal & Magazine of Engineering Technology, Management and Research, vol.3, no.7, pp.01- 05, July 2016
17. K. Runisha, Krishna Naik Dungavath and Dr. V. Vijayalakshmi, "Design and Optimization of a Fixed Point LMS Adaptive Filter for Reduced Area and Less Delay Applications," ITSI Transactions on Electrical and Electronics Engineering, vol.4, no.1, pp.14-18, October 2016.
18. R.Sharmila and V.Vijayalakshmi, "Remote User authentication Scheme for Hierarchical WSNs", International Journal of Computer Science and Information Security (IJCSIS), USA, vol.14, no. 12, December 2016. (Scopus & Thomson Reuters).
19. Krishna Naik Dungavath and Dr. V. Vijayalakshmi, "Analysis of an Efficient 64-bit Carry Select Adder with Less Delay and Reduced Area Applications," International Journal of Applied Engineering Research, vol.11, no.4, pp.2287-2290, December 2016, (Scopus Indexed).
20. Krishna Naik Dungavath and Dr. V. Vijayalakshmi, "Design and Performance Analysis of 64-bit Multiplier using Carry Select Adder and its DSP Applications using Cadence," International Journal of Innovations in Engineering & Technology, vol.7, no.45, pp.328-335, December 2016.
21. Hemamalini.V, Dr. Zayaraz G, Dr.Vijayalakshmi V, "Efficient Authentication based IP Configuration for MANETS using Elliptic Curve Digital Signature Algorithm", International Journal of Control Theory and Applications, pp. 531-545, 2016.
22. R.Sarala, G.Zayaraz, V.Vijayalakshmi, "Fuzzy cognitive map-based reasoning for prediction of multi-stage attacks in risk assessment", International Journal of Intelligent Engineering Informatics, Inderscience, Vol. 4, No. 2, pp. 151-167, 2016 (ACM Digital Library).
23. R.Divya, V. Vijayalakshmi, "Multilevel watermarking Technique for Securing Multibiometric Templates using DTCWT and SVD", International Journal of Image Mining,

Inderscience Publishers, December 2016. (Inderscience Publishers)

24. R.T.Chaitra, Krishna Naik Dungavath and Dr. V. Vijayalakshmi, "Near-optimal Performance with A Significant Reduction in The Complexity for MIMO SC-FDMA System," International Journal of Advanced Research in Electrical Electronics and Instrumentation Engineering, vol.5, no.11, pp.8594-8601, November 2016.
25. Krishna Naik Dungavath and Dr. V. Vijayalakshmi, "Implementation of High-Speed Power Combinational and Sequential Circuits Using Reversible logic," IOSR Journal of VLSI and Signal Processing, vol.6, no.1, pp.19-25, February 2016.
26. R.Divya, V.Vijayalakshmi, "Secure and Efficient Multibiometric Fusion based Cryptosystem using Blind Separation Encryption", International journal of Biometrics, Vol. 8, Issue 2, pp. 97-114, January 2016 (Inderscience Publishers)
27. Hemamalini.V, Dr. Zayaraz G, Dr.Vijayalakshmi V, Rank Propagated Secured Path Selection Technique for Mobile Ad Hoc Networks (MANET), International Journal of Knowledge Engineering and Soft Data Paradigms (IJKESDP),Inderscience, Vol. 5, Nos. 3/4, pp 205-221, 2016.