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**List of Publications for last 5 years**

1. Jayashree Nair, T. Padma, The analysis of PQ sequences generated from continued fractions for use as pseudorandom sequences in cryptographic applications, communication, computing and power technologies and AI and EC in engineering systems, **Springer**, 2015.
2. Jayashree Nair, T. Padma, ParQuoSCI: Pseudorandom Partial Quotient Sequences for Content based Image Authentication, **Bonfring International Journal of Advances in Image Processing**, 5(2), 10-15, 2015
3. Sujatha, T. Padma, Efficient Retrieval of Keywords using Data Mining Algorithm, **International Journal of Applied Engineering Research**, Vol.10.No.20, 2015.
4. Sujipriya, T. Padma, Ontology of dynamic spectrum sharing through cognitive radio nodes in wireless networks, **International Journal Of Scientific and Engineering Research**, vol.6,Issue 4, 2015.
5. Sujipriya, T. Padma, SZRP – Hybrid Approach of Determining the optimal path in mobile ad-hoc networks, **International Journal Of Scientific and Engineering Research**, vol.6,Issue 4, 2015.
6. Jayashree Nair, T. Padma, Secure Watermarking using Diophantine Equations for Authentication and Recovery, **Journal of Information and Network Security**, Publishing India, 2015.
7. Jayashree Nair, T. Padma, Semi Fragile Watermarking for Content based Image Authentication and Recovery in the DCT-DWT domains, **International Journal of Applied Emerging Research**, 2015.
8. Jayashree Nair, T. Padma, Recognizing Image Authenticity using DCT based Watermarking, **International Journal of Computer Applications** (0975 – 8887), 2015.
9. J.Vaijayanthimala, T.Padma, R. Umagowri, “Color Stabilization of Images through AWB and AE Correction methods”, **Indian Journal of Engineering**, 12(30),374-379, 2015.
10. J. Sujipriya, T. Padma, Load balancing Techniques for Efficient Resource Allocation in Cloud Environment: a Review, **Indian Journal of Engineering**, Vol. 12, No. 30, pp. 401-409, 2015.

11. Mir, S. A., Padma, T., Evaluation and prioritization of rice production practices and constraints under temperate climatic conditions using Fuzzy Analytical Hierarchy Process (FAHP), **Spanish Journal of Agricultural Research**, Volume 14, Issue 4, e0909, 2016.
12. Jayashree Nair, Padma T, Performance analysis of a novel image content, Authentication scheme using multiple Watermarks in dual domains, **Adarsh Journal of Information Technology** - Vol. 5, Issue 2, 10-16, 2016.
13. R. Sujatha, T. Padma, Efficient Multi Keyword Searching Using Hierarchically Reliable and Ceaseless Minimization Clustering and Improved Learning and Intelligent Optimization Solver Clustering Techniques, **Journal of Medical Imaging and Health Informatics**, 6, 845-849, 2016
14. R. Shathy, T. Padma, AFZRP: Adaptive Fidelity Energy Efficient Algorithm for Zone Routing Protocols in MANET, **Asian Journal of Research in Social Sciences and Humanities**, Vol. 6, No. 10, pp. 1602-1613, 2016.
15. Shabir Ahmad Mir, T. Padma, Fuzzy Decision Support System for Evaluation and Prioritization of Critical Success Factors for the Development of Agricultural DSS, **Int. J. of Multi Criteria Decision Making**, Vol. 7, Issue 2, 2017.
16. J. SujiPriya, T. Padma, Spectrum sensing techniques for cognitive radio System-review and performance analysis, **Journal of Advanced Research in Dynamical and Control Systems**, Vol. 9, Issue 6, 50-68, 2017.
17. Jayashree S. Pillai, Padma Theagarajan, Semi Fragile Watermarking for Content based Image Authentication and Recovery in the DWT-DCT domains, **The International Arab Journal of Information Technology**, No. 6, 2017.
18. Shabir Ahmed Mir, T. Padma, Satellite Image Denoising Using Discrete Cosine Transform, **Indonesian Journal of Electrical Engineering and Informatics**, Vol. 5, No. 4, pp. 372~375, 2017
19. Rajavel D, Shantharajah S. P, Padma T, Arun Kumar Sangaiah, Six Face Cubical Key Encryption and Decryption Based on Product Cipher Using Hybridization and Rubiks Cubes, **IET Networks**, Volume 7, Issue 5, pp. 313 – 320, 2018.
20. Shabir Ahmad Mir & Theagarajan Padma, Generic Multiple-Criteria Framework for the development of agricultural DSS, **Journal of Decision Systems**, Vol. 26, Issue 4, 341-36, 2018.
21. Shabir Ahmed Mir, T. Padma, Review about Various Satellite Image Segmentation, **Indonesian Journal of Electrical Engineering and Computer Science**, Vol. 9, No. 3, pp. 633-636, 2018
22. Shabir Ahmed Mir, T. Padma, Evaluation of Power Minimization for Routing Protocol and Multicast Networks, **Indonesian Journal of Electrical Engineering and Computer Science**, Vol. 9, No. 2, pp. 299-301, 2018

23. Anitha, S. & Padma, T., Adaptive Proximate Computing Framework for Mobile Resource Augmentation, **Mobile Networks and Applications**, 1-12, June 2019
24. J. Vaijayanthimala, T. Padma, Synthesis Score Level Fusion Based Multifarious Classifier For Multi-Biometrics Applications, **Journal of Medical Imaging and Health Informatics**, Vol. 9, No. 8, 1673-1680, 2019.
25. J. Vaijayanthimala, T. Padma, Multi-Modal Biometric Authentication System Based on Face and Signature using Legion Feature Estimation Technique, **Multimedia Tools and Applications**, 1-20, 2019.
26. S. Kalaivani, S.P. Shantharajah, T. Padma, Agricultural leaf blight disease segmentation using indices based histogram intensity segmentation approach, **Multimedia Tools and Applications**, 1–15, 2019.
27. S. Kalaivani, S.P. Shantharajah, T. Padma, Double Line Clustering based Colour Image Segmentation Technique for Plant Disease Detection, **Current Medical Imaging Reviews**, Vol. 15, Issue 8, 769 – 776, 2019.
28. Shabir Ahmad Mir & T. Padma (2020): Integrated Technology Acceptance Model for the Evaluation of Agricultural Decision Support Systems, **Journal of Global Information Technology Management**, 23(2), 138-164, 2020
29. Anitha, S. & Padma, T., A web service-based internet of things framework for mobile resource augmentation, **Int J Commun Syst.**, 1-17, 2020