Research Paper Publications:

Dr.D.Rukmanidevi, Professor, Department Of ECE ,R.M.D. Engineering College

1. P.Sathyaraj, **Dr.S.Rukmani Devi** ,"Designing the routing protocol with secured IoT devices and QoS over Manet using trust-based performance evaluation Method", Journal of Ambient Intelligence and Humanized Computing springer 2020, DOI: 10.1007/S12652-020-02358-4

2. K. Anitha, R. Dhanalakshmi, K. Naresh and **D. Rukmani Devi** ,"Hyperbolic Hopfield Neural Networks for Image Classification in Content Based Image Retrieval", International Journal of Wavelets, Multiresolution and Information Processing DOI: 10.1142/s0219691320500599,2020

3. M. Hemalatha, **S. Rukmanidevi**, N. R. Shanker," Searching time operation reduced IPV6 matching through dynamic DNA routing table for less memory and fast IP processing" Soft Computing, https://doi.org/10.1007/s00500-020-05379-5(0123456789

3.Dhanalakshmi, R., Anitha, K., **Rukmani Devi, D**. et al. "Association rule generation and classification with fuzzy influence rule based on information mass value. " Journal of Ambient Intelligence and Humanized Computing (2020) https://doi.org/10.1007/s12652-020-02280-9 **SCI**

4.N Indira, **S. Rukmani Devi**, A. V. Kalpana ,"R2R-CSES: proactive security data process using random round crypto security encryption standard in cloud environment", Journal of Ambient Intelligence and Humanized Computing (2020), https://doi.org/10.1007/s12652-020-01860-z **SCI**

5. B. Sarala; **S. Rukmani Devi**; J. Joselin Jeya Sheela,"Spectrum energy detection in cognitive radio networks based on a novel adaptive threshold energy detection method", Computer Communications,Elsevier ,Volume 152, 15 February 2020, Pages 1-7 https://doi.org/10.1016/j.comcom.2019.12.058 **SCI**

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8. A. Vivek Yoganand; A. Celine Kavida; **D. Rukmani Devi**,"Pose and occlusion invariant face recognition system for video surveillance using extensive feature set", International Journal of Biomedical Engineering and Technology,Vol.33,No.3,pp 222-239, 2020, **DOI**: 10.1504/IJBET.2020.107759 **WOS**

9. A. Vivek Yoganand , A. Celine Kavida , **D. Rukmanidevi** "Face Detection Approach From Video With The Aid Of Fcm And Improved Neural Network Classifier" Springer, Multimedia Tools And Applications, DOI: 10.1007/s11042-018-6191-2 **SCI**

10. A. Vivek Yoganand , A. Celine Kavida , **D. Rukmanidevi**," An efficient PCA based pose and occlusion invariant face recognition system for video surveillance" Cluster Computing, Springer, https://doi.org/10.1007/s10586-017-1404-4 **SCI**

11. K. Anitha & K. Naresh & **D. Rukmani Devi**, "A framework to reduce category proliferation in fuzzy ARTMAP classifiers adopted for image retrieval using differential evolution algorithm" Multimedia Tools and Applications https://doi.org/10.1007/s11042-019-07887-5 **SCI**

12. Saravanan Durga Devi, **Dhamotharan Rukmani Devi** "Malicious node and malicious observer node detection system in MANETs" Concurrency and Computation: Practice and Experience John Wiley & Sons, Ltd ,DOI: 10.1002/cpe.5241**SCI**

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16. **S. Rukmani Devi**,"VLSI Implementation of High Performance Optimized Architecture for Video Coding Standards ,ACTA POLYTECHNICA HUNGARICA,2013-10-10, DOI: 10.12700/aph.10.06.2013.6.14 **SCI**

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18.Sesha Vidhya S. **Rukmani Devi S**. and Shanthi K. G." Design Trends In Ultra Wide Band Wearable Antennas For Wireless On-Body Networks", ARPN Journal of Engineering and Applied Sciences, VOL. 12, NO. 9, MAY 2017, ISSN 1819-6608, scopus IF 0.2

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