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LIST OF PUBLICATIONS

- 1. Reshmi T. R. and Murugan K., "Secure and Reliable Autoconfiguration Protocol (SRACP) for MANETS", Wireless Personal Communications, published by Springer. pp. 1243-1264 (2016).
- 2. Sherly Pushpa Annabel. L and Murugan.K, "Traffic Based Energy Efficient MAC Protocol for Wireless Sensor Networks", International Journal of Information and Communication Technology, published by Inderscience. Vol. 8, Issue 2, pp. 249-262 (2016).
- 3. Bhagyalakshmi.L and Murugan.K, "Energy Balancing Zone Based Cluster Head Approach to Energy Hole Problem in Wireless Sensor Network", International Journal of Information and Communication Technology, published by Inderscience. Vol. 8, Issue 2, pp. 263-282 (2016).
- 4. Reshmi T. R. and Murugan K., "Selective Address Allocator Configuration Protocol (SAACP) for Resource Constrained MANETs", Journal of Information Science and Engineering, published by Institute of Information Science, Academia Sini . Vol. 32, Issue 1, pp. 197-211 (2016).
- 5. Sherly Puspha Annabel L and Murugan, K, "An Asynchronous and Adaptive Quorum Based MAC Protocol for Wireless Sensor Networks", Journal of Information Science and Engineering (JISE), published by Institute of Information Science, Academia Sinica. Vol. 33, pp. 1307-1322 (2017).
- 6. Reshmi.T.R and Murugan.K, "Light Weight Cryptographic Address Generation (LWCGA) Using System State Entropy Gathering for IPv6 Based MANETs", IEEE China Communications, published by China Communications Magazine.Co.Ltd. Vol. 14, Issue 9, pp.114-126 (2017).
- 7. Muthumeenakshi. R, Reshmi, T. R. and Murugan, K, "Extended 3PAKE Authentication Scheme for Value-Added Services in VANETs", Computers and Electrical Engineering, published by Elsevier. Vol. 59, pp. 27-38 (2017).
- 8. Sandhya.M.K , Murugan.K and P.Devaraj, "False Data Detection and Dynamic Selection of Aggregator Nodes with Pair-wise Key Establishment in Homogeneous Wireless Sensor Networks", International Journal of Advanced Intelligence Paradigms,, published by Inderscience. Vol. 10, Issue 2, pp. 83-102 (2018).
- 9. Reshmi, T. R. and Murugan, K., "Enhanced Passive Duplicate Address Detection (EPDAD) for Auto configuration in MANETs", Journal of Information Science and Engineering, published by Institute of Information Science, Academia Sinica. Vol. 33, Issue 5, pp. 1307-1322 (2018).
- 10. Balaji C.G., Nidhia Varghese, and Murugan, K, "Optimal Handover Scheme for Device-to-Device Communication in Highly Mobile LTE HetNets", International Journal of Communication Systems, published by Wiley. pp. 1-13 (2019).
- 11. Balaji C.G., Anu Monisha, and Murugan, K, "A Novel Hybrid UE Selection Scheme for Efficient Data Offloading Using D2D Communication", The Computer Journal, published by Oxford University Press. (2020).