Dr.M.A.Bhagyaveni
Professor
Electronics and Communication Engineering
CEG Campus, Anna University
Chennai-600025
Mobile: 9840767172
E-Mail: bhagya@annauniv.edu

## List of Publications

1. Bala Vishnu, J., Bhagyaveni, M.A., "Energy Efficient Cognitive Radio Sensor Networks with Team-Based Hybrid Sensing. ", Wireless Pers Commun , published by springer. Vol. 109, pp. 1645-1660 (2019).

2. S. VENKATESAN , R.MARIS ,M. A BHAGYAVENI , V.PUSHPALATHA, "Spectrum Agility With Improved Energy Detector For Cognitive Radio Networks", CARIBBEAN JOURNAL OF SCIENCE, Vol. 53, Issue 1, pp. 971-980 (2019).

3. Manimegalai, M., Bhagyaveni, M.A., "A Method to Enhance the Throughput of Cognitive Radio Network Using Kullback Leibler Divergence with Optimized Sensing Time (KLDOST).", Wireless Pers Commun, Vol. 109, pp. 1645-1660 (2019).

4. Mugelan, R. K., & Bhagyaveni, M. A., "Performance Enhancement of Multi-Antenna Relay Link in LTE Het-Net", Journal of Communications Technology and Electronics, , published by Pleiades Publishing. Vol. 63, Issue 11, pp. 1286-1295 (2018).

5. Lavanya, S., & Bhagyaveni, M. A., "EVM based rate maximized relay selection for cooperative cognitive radio networks", AEU-International Journal of Electronics and Communications, published by ELSEVIER GMBH, URBAN & FISCHER VERLAG. Vol. 104, pp. 86-90 (2018).

6. Balamurugan Gopalakrishnan and M. A. Bhagyaveni,, "Anti-jamming communication for body area network using chaotic frequency hopping,", IET Healthcare Technology Letters, , published by IET. pp. pp. 233-237, (2017).

7. Lavanya S, Fenila janet, M.A.Bhagyaveni, "Design of Cooperative Spectrum Sensing based spectrum access in CR networks using game theory", International Journal of Computer Science and Information Security (IJCSIS) , Vol. 14, pp. 1-10 (2016).

8.  . T.Sasikala, M.A. Bhagyaveni, V. Jawahar Senthil Kumar, "Cross layered adaptive rate optimised error control coding for WSN", Wireless networks, published by Springer US. Vol. 22, Issue 6, pp. 2071-2079 (2016).

9.  MUGELAN.R.K, CHANTHIRASEKARAN.K, BHAGYAVENI.M.A, "Enhanced Power Efficient Antenna Switching (EPEAS) for QoS Improvement of LTE Downlink", International Journal of Advanced Engineering Technology, published by technical Journals Online. Vol. 7, Issue 1, pp. 509-515 (2016).

10. 1. R.K.Mugelan, P.Thilaga, M.A.Bhagyaveni, "EVM based performance analysis of LTE downlink & its real-time evaluation using WARP", International Journal of Applied Engineering Research,, Vol. 10, Issue 2, pp. 2401-2418 (2015).

11. Syed Moinuddin Bokhari. B, Bhagyaveni M.A, "Lattice Reduction Aided- Zero Forcing MIMO Detection using two Stage QR-Decomposition", International journal of Engineering Research and technology, published by IJERT. Vol. 3, Issue 16, (2015).

12. X. Anita, M. A. Bhagyaveni, J. MartinLeo Manickam, " Collaborative Lightweight Trust Management Scheme for Wireless Sensor Networks", Wireless Personal Communications, published by Springer. Vol. 80, Issue 1, pp. 117-140 (2015).

13. K. Chanthirasekaran, M.A. Bhagyaveni and L. Rama Parvathy, "Multi-Parameter Based Scheduling for Multi-user MIMO Systems", Journal of Electrical Engineering & Technology, published by Journal of Electrical Engineering & Technology. Vol. 10, Issue 6, pp. 709-718 (2015).

14. Kalidoss, R., Bhagyaveni, M. A., & Ahmed, A. H., "A Location Based Duplex Scheme for Cross Time Slot Interference Reduction in (IEEE 802.22) Cognitive Radio Based Wireless Regional Area Networks (WRAN)", Arab Gulf Journal for Scientific Research, Vol. 33, Issue 1, pp. 36-46 (2015)

15. K. Chanthirasekaran, M.A. Bhagyaveni and L. Rama Parvathy, "Multi-Parameter Based Scheduling for Multi-user MIMO Systems", Journal of Electrical Engineering & Technology, published by Journal of Electrical Engineering & Technology. Vol. 10, Issue 6, pp. 709-718 (2015).