

## DC MEMBER PUBLICATION DETAILS

**NAME:** Dr. CHRISTOPHER CLEMENT J

**DESIGNATION:** ASSOCIATE PROFESSOR GRADE 1

**DEPARTMENT:** ECE

**NAME OF THE ORGANIZATION:** VIT

**PLACE:** VELLORE

**PINCODE:** 632014

**MOBILE:** 9789340886

**EMAIL:** christopher.clement@vit.ac.in

**AREA OF SPECIALIZATION:** Wireless Communication, Cognitive Radio Networks, Signal Processing and Image Processing

## PUBLIC ATIONS

### INTERNATIONAL JOURNALS: (10)

1. **J.C. Clement**, Indira. N, Vijayakumar, “Deep learning based modulation classification for 5G and beyond wireless systems”, *Peer-to-Peer Networking and Applications*, October, 2020.
2. **J.C. Clement** (2018), Jettison the Defectives: A Robust Cooperative Spectrum Sensing Scheme in a Cognitive Radio Network, *Circuits, Systems and Signal processing*, vol. 37, No.6, pp 2471–2491, June 2018.
3. **Clement, J.C.** and D.S. Emmanuel (2016). Sensing UHF-TV spectrum for narrowband cognitive radios in a malicious presence, *Canadian Journal of Electrical and Computer Engineering*, Vol. 39, No. 2, pp. 141-149., TR Impact Factor: 0.524.
4. **Clement, J.C.** and D.S. Emmanuel (2016). Enhancing the throughput of cognitive radio networks through malevolent presence, *Computers and Electrical Engineering*, Vol. 52, No. 3, pp. 240-252., TR Impact Factor: 1.084.
5. **Clement, J.C.**, D.S. Emmanuel and J. Jenkin Winston (2015). Improving sensing and throughput of the cognitive radio network, *Circuits, Systems, and Signal Processing*, Vol. 34, No. 1, pp. 249-267. , TR Impact Factor: 1.18.
6. **Clement, J.C.**, B. Bharath Reddy and D.S. Emmanuel (2015). An energy-efficient cooperative spectrum sensing strategy with robustness against noise uncertainty for cognitive radio networks, *Arabian Journal for Science and Engineering*, Vol. 25, No. 5, pp. 1-7. TR Impact Factor: 0.728.

7. **J. C. Clement**, M. Prabukumar (2011), Signal Processing issues of Spectrum Sensing in Cognitive Radio, CIIT International Journal of Wireless Communication”, Vol. 3, No. 2, February 2011.
8. A. Karthikeyan, **J.C. Clement**, Shankr.T, (2011), Joint Estimation of impairments for OFDM and MIMO OFDM systems, “International Journal of Computer Applications”, Vol. 23, No. 5, June 2011.
9. **J. C. Clement**, M. Prabukumar (2009), A Live panoramic view creation on videos using first order statistics, International Journal on intelligent Electronic Systems, Vol. 3, No. 2 , July 2009.
10. S. Aditya Arun Kumar, **J.C. Clement**, (2019) Performance Analysis of Conformal Antenna Array for Millimeter-Wave MIMO Communications: Array Modelling and Error Rate Analysis, 2019 International Conference on Vision Towards Emerging Trends in Communication and Networking.