Other University DC Member 3 Profile

Name	:	**Dr. G. Aloy Anuja Mary**
Designation	:	**Associate Professor**
Department	:	**Electronics and Communication Engineering**
Name of the Organization / Institution	:	**VelTech Ranagarajan Dr.Sagunthala R&D Institute of Science and Technology**
Place	:	**Chennai**
Pin code	:	**600 055**
Mobile	:	**7708923988**
E-mail	:	**draloyanujamary@veltech.edu.in**
Area of Specialization	:	**Cognitive Radio Networks, Wireless Communication, Quantum Cryptography**

List of Publications:

1. **Aloy Anuja Mary** et al., "Detection of Byzantine Attack in Cognitive Radio Network",in Advances in Smart System Technologies", https://doi.org/10.1007/978-981-15-5029-4_37, Springer Nature Singapore Pte Ltd. 2021.

2. **Aloy Anuja Mary** et al., "Design of wireless intrusion detection system for DOS attack and malicious access point in Wi-Fi Networks",in Journal of Critical Reviews",,ISSN-2394-5125,Vol7,Issue6,2020.

3. **Aloy Anuja Mary** et al., "Police Alert System using Wireless Heterogeneous Networks",in International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, November 2019.

4. **Aloy Anuja Mary** et al., International Conference on "Detection of Spectrum Sensing Data Falsification Attack in Cognitive Radio Networks" in "Frontiers in Smart Systems & Technologies", VelTech Rangarajan Dr.Sagunthala R&D Institute of Technology , 3rd to 5th April 2019.

5. **Aloy Anuja Mary** et al., "Impact of Secondary User Density on Cognitive Radio Networks" in International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-4, February 2019.

6. **Aloy Anuja Mary** et al., "An optimal Transmitted Power reduction based Rate Improvement Technique in cognitive radio networks" in International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-8 Issue-3, February 2019.

7. **Aloy Anuja Mary** et al., National Conference: Contemporary Challenges and Opportunities on "Simulation of Quantum logic gates"", Vellore Institute of Technology, 12th &13th November 2018.

8. **Aloy Anuja Mary** et al., International Conference on "Multiparty Secure Communication based on quantum cryptographic schemes" in "International Conference on Knowledge Based Computing Technologies", KCG College of Technology, 6th &7th April 2018.

9. **Aloy Anuja Mary** et al., "An Optimal Tone Mapping Technique with Random Phase Sequence Matrix for PAPR Reduction in Wireless OFDM Systems" in International Journal of Engineering & Technology Volume 7 (2018).

10. **Aloy Anuja Mary** et al., Technical Symposium on "Universal Wireless Mobile Battery Charger Based on Solar Energy", NAKSHATRA 2017, SA Engineering College,12th August 2017

11. **Aloy Anuja Mary** et al., International Conference on "Self Learning Camera Based Eye Controlled Wheel Chair" in "International intellectual convergence on advances in Science and Engineering", AALIM Muhammed Salegh College of Engineering, 3RD &4TH March 2017.

12. **Aloy Anuja Mary** et al., International Conference on "MIMO COGNITIVE RADIO User Selection With and without primary channel state information" in "International intellectual convergence on advances in Science and Engineering", AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING, 3rd &4th March 2017.

13. **Aloy Anuja Mary** et al., "Four Party Quantum Secret Sharing (QSS) Protocol using Hyperelliptic Curve Cryptography" in Global Journal of Pure and Applied Mathematics, Volume 13, Number 1 (2017).

14. **Aloy Anuja Mary** et al., "Regression analysis of power dissipation of full swing gate diffusion input logic cells" in Global Journal of Pure and Applied Mathematics, Volume 13, Number 1 (2017).

15. **Aloy Anuja Mary** et al., National Conference on "Four Party Quantum Secret Sharing (QSS) Protocol using Hyper Elliptic Curve Cryptography" in "Emerging trends in Mathematical Sciences- NCETMS-2016", S.A Engineering College, Oct 2016.

16. **Aloy Anuja Mary** et al., National Conference on "Regression analysis of power dissipation of full swing gate diffusion input logic cells" in "Emerging trends in Mathematical Sciences- NCETMS-2016", S.A Engineering College, Oct 2016.