Dr.G.UMAMAHESWARI

Associate Professor/Dept of ECE,
PSG College of Technology,
Coimbatore - 641 004.
Mobile: 99444 49295
uma.ece@psgtech.ac.in
Area of Specialization: Image Processing, Wireless Communication, Network
Security and Analog Communication.

List of Publications

1. P. Merlin Teresa & **G. Umamaheswari**, Compact Slotted Microstrip Antenna For 5g Applications Operating At 28 Ghz, Iete Journal Of Research, Published Online: 24 Jun 2020, https://Doi.Org/10.1080/03772063.2020.1779620

2. **Umamaheswari G** and Arun S,(2019), " An Adaptive learning-Based Attack Detection Technique for Mitigating Primary User Emulation in Cognitive Radio Networks", Circuits, System and Signal Process, https://doi.org/10.1007/s00034-019-01123-z

3. Reba P, **Umamaheswari G** and Satheesh Babu M, (2018), "Multiple Antenna Selection For Underlay cognitive Radio Systems with Interference constraint", Wireless Personal Communications, Vol. 98. https://doi.org/10.1007/s11277-017-4931-7

4. Arun S and **Umamaheswari G**, (2018), "Cross Layer Design Based Channel Aware Multipath Routing Towards Primary User Emulation Attack", Journal of Computational and Theoretical Nanoscience, Vol. 14, No. 11, pp. 5209-5214(6).

5. **Umamaheswari G** (2017), "Design of DicomImage Transmission with Tamper Localization", National Journal of Technology.

6. Reba P and **Umamaheswari G** (2017), "Antenna Selection and Adaptive Power Allocation for IA-Based Underlay CR", IET Journals, Vol. 11 Issue. 6, pp.734-742.

7. Mohandass S and **Umamaheswari G** (2017),"Modified Hybrid Interference Cancellation Algorithm for Uplink Cognitive Radio Transmission Based on Overloaded DS-CDMA", International Journal of Information and Communication Technology, Vol. 10, No.4

8. Mohandass S and **Umamaheswari G** (2015), "Tapping TV White Space Spectrum for Telemedicine Applications in India", International Journal of Telemedicine and Clinical Practices, Inderscience, Vol.1, https://doi.org/10.1504/IJTMCP.2016.077901

9. ShivKumar S and **Umamaheswari G** (2015), "Hash Function based Malicious Node Detection System", International Journal of Applied Engineering Research, Vol.10, No.2.

10. Mohandass S and **Umamaheswari G** (2015), "Modified Interference Cancellation Techniques for Dual-Rate Cognitive Radio System based on Multicarrier", International Journal of Applied Engineering Research, Vol.10 Issue 3, pp.419-443.

11. Megala M and **Umamaheswari G** (2015), "A Comprehensive Analysis of Classifiers to Detect Cross-Site Scripting (XSS) Attacks In Web Pages", International Journal of Applied Engineering Research Research India Publications, Vol.10(16): 37534-37538.

12. **Umamaheswari G** (2015), "Defense Against Primary User Emulation Attack In Cognitive Radio Network Using Integrated Authentication Mechanism", International Journal Of Applied Engineering Research Research India Publications, Vol.10

13. **Umamaheswari G** (2015), "Wireless Video Transmission Using FPGA Based WARP V3 Board", International Journal Of Applied Engineering Research, Vol.15