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**List of Publications** (last five years)

1. R. Karthikeyan, Dr. G. Srivatsun , R. Darwin, “ Planar Monopole MIMO Antenna for Portable Wireless Adapters ”, International Journal of Pure and Applied Mathematics, Volume 117 No. 22 2017, pp. 95-100 .
2. H Asokan, Srivatsun Gopalakrishnan, “ Inductive loaded compact monopole antenna for ultra-wideband applications”, Electronics Letters 53 (15), 1021-1023 (2017)
3. P Elamaram, G Srivatsun, “ Designing of pattern reconfigurable antenna for wireless applications ”, Advances in Natural and Applied Sciences 11 (8), 293-299 (2017)
4. Srivatsun Gopalakrishnan, “Residential load scheduling method with load balancing for demand response in home energy management system “, Journal of Electrical Engineering and Electronic Technology (2017)
5. H Asokan, Srivatsun Gopalakrishnan, “ A Miniaturized inductive–Loaded narrow strip wide band-notched ultra-wideband monopole antenna with dual-mode resonator ”, AEU-International Journal of Electronics and Communications 86, 125-132, 2018
6. H Asokan, Srivatsun Gopalakrishnan, “Development of Narrow-Strip Ultra-Wideband Antenna with Lumped Elements for Indoor Wireless Devices”, 2018 International Conference on Networking, Embedded and Wireless Systems (ICNEWS)
7. G Sivanantham, Srivatsun Gopalakrishnan, “ A Stackelberg game theoretical approach for demand response in smart grid”, Personal and Ubiquitous Computing, 1-8, 2019
8. Sapna Bijimanzil Abdulkareem; G. Srivatsun, “ Bandwidth Improvement of Microstrip Antenna Using Hexagonal PDGS ”, TEQIP III Sponsored International Conference on Microwave Integrated Circuits, Photonics and Wireless Networks (IMICPW), published by IEEE, December 2019.
9. H Asokan, Srivatsun Gopalakrishnan, “Development of inductive-loaded ultra-wideband monopole antennas from stepped-impedance resonators”, The Journal of Engineering 2020 (2), 58-62
10. SB Abdulkareem, Srivatsun Gopalakrishnan, “Development of Multilayer Partially Reflective Surfaces for Highly Directive Cavity Antennas: A Study”, Wireless Communications and Mobile Computing 2020