

Publications:

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1. Karthikeyan, R., G. Srivatsun, and R. Darwin. "Planar Monopole MIMO Antenna for Portable Wireless Adapters." *International Journal of Pure and Applied Mathematics* 117.22 (2017): 95-100.
2. Geetha S and Srivatsun G, Residential load scheduling method with load balancing for demand response in home energy management system, *Journal of Electrical Engineering and Electronic Technology*, 2017.
3. Elamaram, P., and G. Srivatsun. "Designing of pattern reconfigurable antenna for wireless applications." *Advances in Natural and Applied Sciences* 11.8 (2017): 293-299.
4. Asokan, Hefilia, and Srivatsun Gopalakrishnan. "Inductive loaded compact monopole antenna for ultra-wideband applications." *Electronics Letters* 53.15 (2017): 1021-1023.
5. Asokan, Hefilia, and 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 (2018): 125-132.
6. Asokan, Hefilia, and 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)*. IEEE, 2018.
7. Abdulkareem, Sapna Bijimanzil, and G. Srivatsun. "Bandwidth Improvement of Microstrip Antenna Using Hexagonal PDGS." *2019 TEQIP III Sponsored International Conference on Microwave Integrated Circuits, Photonics and Wireless Networks (IMICPW)*. IEEE, 2019.
8. Sivanantham, Geetha, and Srivatsun Gopalakrishnan. "A Stackelberg game theoretical approach for demand response in smart grid." *Personal and Ubiquitous Computing* (2019): 1-8.
9. Abdulkareem, Sapna B., and Srivatsun Gopalakrishnan. "Development of Multilayer Partially Reflective Surfaces for Highly Directive Cavity Antennas: A Study." *Wireless Communications and Mobile Computing* 2020 (2020).
10. Asokan, Hefilia, and Srivatsun Gopalakrishnan. "Development of inductive-loaded ultra-wideband monopole antennas from stepped-impedance resonators." *The Journal of Engineering* 2020.2 (2020): 58-62.