

Dr. V. SANGEETHA

Publications- International Journals (2015- 2020)

1. **Sangeetha Velan**, Saffrine Kingsly, Malathi Kanagasabai, M. Gulam Nabi Alsath, Yogeshwari Panneer Selvam & Sangeetha Subbaraj, 2016, 'Quad-Band Rat-Race Coupler With Suppression of Spurious Pass-Bands', *IEEE Microwave and Wireless Components Letters*, vol. 26, no. 7, pp. 490-492.
2. **Sangeetha Velan**, Malathi Kanagasabai, Jayaram Kizhekke Pakkathillam & Sandeep Kumar Palaniswamy 2016, 'Compact paper-substrate rat-race coupler deploying modified stepped impedance stub and interdigitated slot resonator for wide-band harmonic suppression', *IET Microwaves, Antennas & Propagation*, DOI: 10.1049/iet-map.2016.0057.
3. **Sangeetha Velan** & Malathi Kanagasabai 2016, 'Compact microstrip branch-line coupler with wide-band quadrature phase balance', *Microwave and Optical Technology Letters*, vol. 58, pp. 1369-1374.
4. **Sangeetha Velan** & Malathi Kanagasabai 2016, 'A compact single layer branch-line coupler for ultra-wideband (UWB) applications', *International Journal of Microwave and Wireless Technologies*, DOI: [http://dx.doi.org/ 10.1017/S1759078716000416](http://dx.doi.org/10.1017/S1759078716000416)
5. **Sangeetha Velan et al.**, "Dual-Band EBG Integrated Monopole Antenna Deploying Fractal Geometry for Wearable Applications," in *IEEE Antennas and Wireless Propagation Letters*, vol. 14, no. , pp. 249-252, 2015.
6. A. K. Sarma, H. Arun, M. Kanagasabai, **Sangeetha Velan**, C. Raviteja and M. G. N. Alsath, "Polarisation diverse multiple input–multiple output antenna with enhanced isolation," in *IET Microwaves, Antennas & Propagation*, vol. 9, no. 12, pp. 1267-1273, 9 17 2015.
7. Palaniswamy, S., Kanagasabai, M., Arun Kumar, S., Alsath, M., **Sangeetha Velan**, & Pakkathillam, J. (2017). Super wideband printed monopole antenna for ultra wideband applications. *International Journal of Microwave and Wireless Technologies*, 9(1), 133-141. doi:10.1017/S1759078715000951

8. Saffrine Kingsly, **Sangeetha Velan**, Malathi Kanagasabai, Sangeetha Subbaraj, Yogeshwari Panneer Selvam & Bhuvaneswari Balasubramaniyan (2019) Signal integrity analysis on a microstrip ultra-wideband coupled-line coupler, International Journal of Electronics, 106:4, 620-633, DOI: 10.1080/00207217.2018.1545262
9. Panneer Selvam, Yogeshwari & Kanagasabai, Malathi & Nabi Alsath, Gulam & **Sangeetha Velan** & Kingsly, Saffrine & Subbaraj, Sangeetha & Yeragudipati Venkata, Ramanarao & Srinivasan, Raju & Kumar Varadhan, Abhai & Karuppiah, Meenakshisundaram. (2017). A Low Profile Frequency and Pattern Reconfigurable Antenna. IEEE Antennas and Wireless Propagation Letters. PP. 1-1. 10.1109/LAWP.2017.2759960.
10. **Sangeetha Velan**, Kanagasabai, M., Pakkathillam, J.K. *et al.* Spurious Passband Suppression in Compact Microstrip Rat-Race Coupler Deploying Modified Split Rings and Coupled Microstrip Lines. *Wireless Pers Commun* **109**, 2733–2740 (2019).

Publications- Conference (2015- 2020)

1. **Sangeetha Velan**, Malathi Kanagasabai, K. P. Jayaram, and P. Sandeep Kumar 2017, 'Planar Compact Microstrip Rat-Race Coupler with Harmonic Suppression Deploying Modified Loop Transmission Lines for 5G Networks,' in 30th GISFI Standardisation Series Meeting and IEEE 5G Summit, SRM University Kattankulathur.
2. **Sangeetha Velan**, Malathi Kanagasabai, Jayaram Kizhekke Pakkathillam & Sandeep Kumar Palaniswamy 2016, 'Compact Microstrip Branch-Line Coupler with Harmonic Suppression', International Conference on Electrical Electronics & Communication (ICEEC 2016).
3. Jayaram Kizhekke Pakkathillam, Malathi Kanagasabai, Sandeep Kumar Palaniswamy & **Sangeetha Velan** 2016, 'Dual band slot antenna for near field RFID reader application', International Conference on Electrical Electronics & Communication (ICEEC 2016).

4. Sandeep Kumar Palaniswamy, Malathi Kanagasabai, Jayaram Kizhekke Pakkathillam & **Sangeetha Velan** 2016, 'Compact Ultra-Wideband Monopole Antenna notched at 5.2 GHz WLAN', International Conference on Electrical Electronics & Communication (ICEEC 2016).