## INTERNATIONAL JOURNALS

- **1. Sangeetha, S.**, Vimal R Samsingh, Sundarsingh, EF., Kanagasabai, Malathi., Yogeshwari, P., Saffrine, K.,"Electromagnetic Nondestructive Material Characterization of Dielectrics using EBG based Planar Transmission Line Sensor", *IEEE Sensors Journal*, vol.16, no.19, pp. 7081 7087, 2016.
- **2 S. Subbaraj**; Kanagasabai, Malathi; Alsath, M.G.N.; G. Ganesan; Y. Panneer Selvam.; S. Kingsly; "Compact Multiservice Monopole Antenna for Tablet Devices", *International journal of Electronics*, pp. 1362-3060, 2018.
- 3. S. Subbaraj; Kanagasabai, Malathi; Alsath, M.G.N.; Y. Panneer Selvam.; S. Kingsly; Y.V.Ramana Rao; "Miniaturized Quad-Band Coplanar-Fed Monopole Antenna for Tablet Computers", COMPEL International Journal for Computation and Mathematics in Electrical and Electronic Engineering, vol.37, 2017.
- **4.** Vimal R Samsingh, **S. Subbaraj**, Kanagasabai, Malathi, Sundarsingh, EF., Y. Panneer Selvam, S. Kingsly, Y.V.Ramana Rao; "Characterization of Delamination in Fiber-Reinforced Epoxy- Based PCB Laminates, Using an EBG-Enhanced Planar Microwave Sensor", *IEEE Transactions on Components, Packaging and Manufacturing Technology*, vol.7, no.10, pp.1739-1746, 2017.
- **5.** Y. P. Selvam.; Alsath, M.G.N.; Kanagasabai, Malathi; L. Elumalai; S. K. Palaniswamy; **S. Subbaraj**; S. Kingsly; G. Konganathan; I. Kulandhaisamy; "A Patch-Slot Antenna Array with Compound Reconfiguration", *IEEE Antennas and Wireless Propagation Letters*, vol.16, pp.1-1, 2017.
- 6. Saffrine Kingsly, Malathi Kanagasabai, Gulam Nabi Alsath Mohammed, Sangeetha Subbaraj, Yogeshwari Panneer Selvam, Rajesh Natarajan; "Multi-band reconfigurable microwave filter using dual concentric resonators", *International Journal of RF and Microwave Computer- Aided Engineering*, 2018: e21290

- 7. Y. P. Selvam.; Kanagasabai, Malathi; Alsath, M.G.N.; S. Velan; S. Kingsly; S. Subbaraj; R. Srinivasan; A. Kumar Varadahan; M. Karuppiah; Y.V.Ramana Rao; "A Low Profile Frequency and Pattern Reconfigurable Antenna", *IEEE Antennas and Wireless Propagation Letters*, vol.16, pp.3047-3050, 2017.
- **8** Y. Panneer Selvam., Elumalai, L., Alsath, M.G.N., Kanagasabai, Malathi, S. Kingsly, **S. Subbaraj**, "A Novel Frequency and Pattern Reconfigurable Rhombic Patch Antenna with Switchable Polarization", *IEEE Antennas and Wireless Propagation Letters*, vol.16, pp.1639-1642, 2017.
- 9. Alsath, M.G.N.; Arun, H.; Y. P. Selvam.; Kanagasabai, Malathi; S. Kingsly; S. Subbaraj; Sivasamy, R.; S. K. Palaniswamy; Rajesh, N.; "An Integrated Triband/UWB Polarization Diversity Antenna for Vehicular Networks", *IEEE Transactions on Vehicular Technology*, vol.PP, no.99, pp.1-1, 2018.
- 10. Sandeep, P., Y. Panneer Selvam., Alsath, M.G.N., Kanagasabai, Malathi, S. Kingsly, S. Subbaraj, "3D Eight-Port Ultra-Wideband (UWB) Antenna Array for Diversity Applications", *IEEE Antennas and Wireless Propagation Letters*, vol.PP, no.99, pp.1-1, 2016 vol.16, no.1, pp.569-572, 2016.
- 11. Sangeetha, V.,Saffrine, Kingsley; Kanagasabai, Malathi;Alsath, M.G.N.; Yogeshwari, P; Sangeetha, S; "Quad-Band Rat-Race Coupler with Suppression of Spurious Pass-Bands", *IEEE Microwave and Wireless Components Letters*, vol. 26, no. 7, pp. 490-492, July 2016.
- 12 Yogeshwari Panneer Selvam, Malathi Kanagasabai, Gulam Nabi Alsath, Saffrine Kingsly, Sangeetha Subbaraj, "A Quad-Element Frequency-Agile Pattern and Polarization Diverse Antenna Array for MIMO Applications", International Journal of Scientific Research in Science, Engineering and Technology (IJSRSET), Volume 5 Issue 3, pp.280-288, March-April 2018.

- 13 Kingsly, S, Kanagasabai, M, Mohammed, GNA, Arun Kumar, S, Subbaraj, S, Panneer Selvam, Y Sivasamy, R, & Yeragudipati Venkata, R 2018, "Compact Frequency and Bandwidth Tunable Bandpass-Bandstop Microstrip Filter", in IEEE Microwave and Wireless Components Letters, vol. 28, no. 9, pp. 786-788, Sept. 2018.
- 14 Kingsly, Saffrine; Velan, Sangeetha; Kanagasabai, Malathi; Subbaraj, Sangeetha; Panneer Selvam, Yogeshwari; Balasubramaniyan, Bhuvaneswari "Signal Integrity Analysis on a Microstrip Ultra-Wideband Coupled-Line Coupler," in International journal of Electronics, vol. 106(4), pp. 620-633, 2018.
- 15. Deepa Thangarasu, Saffrine Kingsly, Malathi Kanagasabai, Senior member, IEEE, M. Gulam Nabi Alsath, member, IEEE, Sangeetha Subbaraj, Yogeshwari Panneer Selvam, Padmathilagam Sambandam, Geetha Ganesan "Tunable Band Notched High Selective UWB Filtering Monopole Antenna," in *IEEE Transactions on Antennas and Propagation*, vol. 67, no. 8, pp.5658 5661, Aug. 2019.
- **16** Sangeetha Subbaraj; Padmathilagam Sambandam; Malathi K; GULAM ALSATH; Sandeep Palaniswamy; Indhumathi Kulandhaisamy; Saffrine Kingsly; Yogeshwari Panneer Selvam; Deepa Thangarasu, "Performance Enhancement and Signal Integrity Analysis of Multiband MIMO Antenna for Handheld Electronic Devices", *IET Microwaves, Antennas & Propagation*, vol. 13, no.5, pp.631-641, Apr. 2019.
- **17. Sangeetha S**; K Malathi; Alsath, M.G.N; Sandeep KP; Rama Rao, T.; S. Kingsly; Selvam, Y.P.; "Integrated 4G/5G Multiservice MIMO Antenna for Hand-Held Devices," *Springer's Wireless Personal Communications*, vol. 109, 2719-2731, Nov. 2019.
- **18** Sangeetha S; K Malathi; Alsath, M.G.N; Sandeep KP; S. Kingsly; K Indhumathi; AK Shrivastav; N Rajesh; Shanmugapriya M; "A Compact Frequency Reconfigurable Antenna with Independent Tuning for Hand-held Wireless Devices," *IEEE Transactions on Antennas and Propagation*, vol. 68, no. 2, pp. 1151-1154, Feb. 2020.

- 19. Padmathilagam S; Sangeetha S; Kanagasabai, Malathi; Alsath, M.G.N; Deepa T; N Rajesh; P Sandeep Kumar; T. Rama Rao; "Integration of Slot Array with MIMO Antenna for 4G and 5G Applications," *Springer's Wireless Personal Communications*, vol. 109, pp. 2719-2731, Aug. 2019.
- 20. S. Kingsly; Kanagasabai, Malathi; Alsath, M.G.N; Sandeep Kumar; T. Rama Rao; K Indhumathi; Sangeetha S; Selvam, Y.P.; "Integration of Slot Array with MIMO Antenna for 4G and 5G Applications," Springer's Wireless Personal Communications, vol. 16, pp. 525-528, July. 2020.
- 21. S. Kingsly; Kanagasabai, Malathi; Alsath, M.G.N; Manimekalai T; Sangeetha S; Sandeep Kumar; Sridhar B; K Indhumathi; "Bandwidth Reconfigurable Microwave Filter Using Stepped Impedance C Shaped Resonator," *Microwave Optical Technology Letters*, Accepted for publication.