

LIST OF PUBLICATIONS

NAME: Dr. S. SANGEETHA

DESIGNATION: ASSISTANT PROFESSOR (SR GRADE)

DEPARTMENT: SCHOOL OF ELECTRONICS

COLLEGE NAME: VELLORE INSTITUTE OF TECHNOLOGY – VELLORE CAMPUS

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 Tri-band/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.