Dr. K .INDHUMATHI

Publications (2015-2020)

1. Kingsly, S., Kanagasabai, M., Mohammed, G., Thirunavukkarasu, M., Subbaraj, S., Palaniswamy,S., Bilvam, S.**Kulandhaisamy,I**. Bandwidth reconfigurable microwave filter using stepped impedance c-shaped resonator. *MicrowOptTechnolLett*. 2020; 1– 5. https://doi.org/10.1002/mop.32616
2. **Kulandhaisamy**, **I**., Kanagasabai, M., Sannasi, I., ArunKumar, S., & Alsath, G. (2017). A planar microwave phase shifter using microstrip–CPW–microstrip transition with defected ground structures. *International Journal of Microwave and Wireless Technologies, 9*(1), 71-77. doi:10.1017/S1759078715001427
3. J. K., **Kulandhaisamy**, **I**.,and A. Jeevakumari S.A., "A Survey on Frequency Reconfigurable Antennas Using Passive element for ISM Band," *2020 7th International Conference on Smart Structures and Systems (ICSSS)*, Chennai, India, 2020, pp. 1-3, doi: 10.1109/ICSSS49621.2020.9202008.
4. Panneer Selvam, Y., Alsath, M., Kanagasabai, M., Elumalai, L., Palaniswamy, S., Subbaraj, S., Kingsly, S., Konganathan, G. and **Kulandhaisamy, I**., 2018. A Patch-Slot Antenna Array With Compound Reconfiguration. *IEEE Antennas and Wireless Propagation Letters*, 17(3), pp.525-528.
5. Subbaraj, S., Kanagasabai, M., Alsath, M., Palaniswamy, S., Kingsly, S., **Kulandhaisamy, I**., Shrivastav, A., Natarajan, R. and Meiyalagan, S, "A Compact Frequency-Reconfigurable Antenna With Independent Tuning for Hand-Held Wireless Devices," in *IEEE Transactions on Antennas and Propagation*, vol. 68, no. 2, pp. 1151-1154, Feb. 2020, doi: 10.1109/TAP.2019.2938668.

6. **Kulandhaisamy, I**., Rajendran, D., Kanagasabai, M., Moorthy, B., George, J., & Lawrance, L. (2016). Dual-frequency phase shifter deploying complementary split-ring resonator. *International Journal of Microwave andWirelessTechnologies,8*(7),1045-1050.
7. **Indhumathi Kulandhaisamy**, Arun Kumar Shrivastav, Malathi Kanagasabai & Jayaram Kizhekke Pakkathillam (2015) Triband phase shifter design using split-ring resonator and complementary split-ring resonator-loaded ground plane for wireless applications, Waves in Random andComplexMedia, 25:4, 669681, DOI: 10.1080/17455030.2015.1076584
8. **Indhumathi Kulandhaisamy**, Dinesh Babu Rajendran, Malathi Kanagasabai, Gunasekaran Gurusamy, Balaji Moorthy, Jithila V. George & Livya Lawrance (2017) Multi-band phase shifter design using modified slotline configuration, Waves in Random and Complex Media, 27:1, 38-46, DOI: 10.1080/17455030.2016.1192310
9. **Indhumathi Kulandhaisamy**, Shrivastav Arun Kumar & Malathi Kanagasabai (2015) A substrate-modified CPW-based linear microwave phase shifter, Waves in Random and Complex Media, 25:4, 457-472, DOI: 10.1080/17455030.2015.1008070
10. N. Subbu and **I. Kulandhaisamy**, "Octagonal Nantenna for Space Research Applications," 2019 International Conference on Smart Structures and Systems (ICSSS), Chennai, India, 2019, pp. 1-3, doi: 10.1109/ICSSS.2019.8882805.