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1. S. Kingsly, K. Malathi; M. Gulam Nabi Alsath; T. Manimegalai, S. Sangeetha, P. Sandeep Kumar; K. Indumathi;
Department of ECE, CEG, Anna University, Chennai 600025
"Bandwidth Reconfigurable Microwave Filter Using Stepped Impedance C-Shaped Resonator," Microwave and Optical Technology Letters, Wiley, Aug. 2020
2. S. Kingsly; K. Malathi; Alsath, M.G.N; Sandeep KP; T Rama Rao; Indhumathi, K; Sangeetha S; Yogeshwari PS;
Department of ECE, CEG, Anna University, Chennai 600025
"Compact Frequency and Bandwidth Reconfigurable Microwave Filter,"
Springer's Wireless Personal Communications, Jul. 2020.
3. Sangeetha S; K Malathi; Alsath, M.G.N; Sandeep KP; S. Kingsly; K Indhumathi; AK Shrivastav; N Rajesh; Shanmugapriya M
Department of ECE, CEG, Anna University, Chennai 600025
"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.
4. S. Subbaraj; Sambandam, P.; Kanagasabai, Malathi; Alsath, M.G.N.; Indhumathi, K.; S. Kingsly; Y. Panneer Selvam.; Deepa, T.
Department of ECE, CEG, Anna University, Chennai 600025
"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.
5. Rajendran, D.,Indhumathi, K., Kanagasabai, Malathi;
Department of ECE, CEG, Anna University, Chennai 600025
"Multi-band Phase Shifter Design Using Modified Slotline Configuration",
Waves in Random and Complex Media , Taylor and Francis vol.27, no.1, pp.38-46,
2016 (ISSN: 1745-5030)
6. Indhumathi, K., Kanagasabai, Malathi; Shrivastav, A.,

Department of ECE, CEG, Anna University, Chennai 600025

"Triband Phase Shifter Design Using Split-Ring Resonator and Complementary Split-Ring Resonator Loaded Ground Plane for Wireless Applications",

Waves in Random and Complex Media, Taylor and Francis, vol. 25, no. 4, pp. 669-681, 2015 (ISSN: 1745-5030)

7. Indhumathi, K., Kanagasabai, Malathi; Shrivastav, AK; Indiragandhi, S & Alsath, MGN,

Department of ECE, CEG, Anna University, Chennai 600025

"A Planar Microwave Phase Shifter using Microstrip-CPW-Microstrip Transition with Defected Ground Structures,"

International Journal of Microwave and Wireless Technologies , vol.9, no.1, pp.71-77, 2017 (ISSN: 1759 - 0787)

8. Indhumathi, K., Kanagasabai, Malathi; Rajendran, D., Lawrance, L., Moorthy, B., George, J., "Dual-frequency Phase Shifter Deploying Complementary Split-ring Resonator,"

Department of ECE, CEG, Anna University, Chennai 600025

International Journal of Microwave and Wireless Technologies , vol.8, no.7, pp.1045-1050, 2016 (ISSN: 1759 - 0787)

9. Indhumathi, K., Kanagasabai, Malathi; Shrivastav, A.,

Department of ECE, CEG, Anna University, Chennai 600025

"A Substrate Modified CPW Based Linear Microwave Phase Shifter",

Waves in Random and Complex Media , Taylor and Francis, vol. 25, no. 4, pp. 457-472, 2015 (ISSN: 1745-5030)