

## **LIST OF PUBLICATIONS**

NAME: Dr.K.INDHUMATHI

DESIGNATION: ASSOCIATE PROFESSOR

DEPARTMENT: DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING

COLLEGE NAME: SAVEETHA ENGINEERING COLLEGE

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)