

**Dr. R. Pandeeswari,
Associate Professor,
NIT, Trichy**

List of Publications (last five years)

1. R Adarsh; Gadipudi Amarnageswarao; R. Pandeeswari; S. Deivalakshmi, “ Dense Residual Convolutional Auto Encoder For Retinal Blood Vessels Segmentation ”, 6th International Conference on Advanced Computing and Communication Systems (ICACCS) , published by IEEE (2020)
2. Tanuj Bahuguna; M Sandhana Mahalingam; R Pandeeswari, “Design of V-Band Balanced Antipodal Vivaldi Antenna for 60 GHz Point-to-Point Communication”, TEQIP III Sponsored International Conference on Microwave Integrated Circuits, Photonics and Wireless Networks (IMICPW), published by IEEE, 2019.
3. S. Karthigaiveni; R. Pandeeswari, “Bandwidth Enhancement in a Dual Band Hexagonal Loop Antenna Loaded with NBSRR Metamaterial Unit Cell”, TEQIP III Sponsored International Conference on Microwave Integrated Circuits, Photonics and Wireless Networks (IMICPW), published by IEEE, 2019.
4. R. Samson Daniel, R. Pandeeswari, and S. Raghavan(2018) A miniaturized printed monopole antenna loaded with hexagonal complementary split ring resonators for multiband operations, International Journal of RF and Microwave Computer- Aided Engineering, Wiley,1-8
5. R. Samson Daniel, R. Pandeeswari, and S. Raghavan(2018) Dual-band monopole antenna loaded with ELC metamaterial resonator for WiMAX and WLAN applications, Applied Physics A (2018) 124:570, Materials Science and Processing, <https://doi.org/10.1007/s00339-018-1985-7>, springer journal .
6. R. Samson Daniel, R. Pandeeswari, and S. Raghavan(2018) A compact metamaterial loaded monopole antenna with offset-fed microstrip line for wireless applications. AEU International Journal of Electronics and Communications, Elsevier, 83, 88-94, Impact Factor: 1.147.
7. R.Pandeeswari,(2018),Complimentary Split Ring Resonator Inspired Meandered CPW-Fed Monopole Antenna for Multiband Operation, Progress In Electromagnetics Research C, Vol. 80, 13—20.
8. R. Pandeeswari, (2018)SRR and NBCSRR Inspired CPW Fed Triple Band Antenna with Modified Ground Plane.R.Pandeeswari, Progress In Electromagnetics Research C, Vol. 80, 111—118.

9. R. Pandeeswari,(2018) A Compact Non-bianisotropic Complementary Split Ring Resonator Inspired Microstrip Triple Band Antenna, Progress In Electromagnetics Research C, In Press.
10. Nambiyappan T.Selvi, R. Pandeeswari, and Palavesa T.Selvan,(2018) An Inset- Fed Rectangular Microstrip Patch Antenna with Multiple Split Ring Resonator Loading for WLAN and RF-ID Applications, Progress In Electromagnetics Research C, Vol. 81, 41–52.
11. Nambiyappan Thamil Selvi¹, Palavesa Thiruvalar Selvan, Shanmugaih P. K. Babu, R. Pandeeswari, and Raphael Samson Daniel,(2018) A Broad-Side Coupled SRR Inspired CPW Fed Dual Band Antenna for WiMAX and WAVE Applications, Progress In Electromagnetics Research C, Vol. 80, 221–231.
12. R. Samson Daniel, R. Pandeeswari, and S. Raghavan (2017) Multiband monopole antenna loaded with complementary split ring resonator and C-shaped slots. AEU International Journal of Electronics and Communications, Elsevier, 75, Impact Factor: 1.147.
13. R. Samson Daniel, R. Pandeeswari, and S. Raghavan (2017) Offset-fed Complementary Split Ring Resonators loaded monopole antenna for multiband operations. AEU International Journal of Electronics and Communications, Elsevier, 78, 72-78, Impact Factor: 1.147.
14. R. Samson Daniel, R. Pandeeswari, S. Raghavan (2017)“Design and Analysis of Open Complementary Split Ring Resonators Loaded Monopole Antenna for Multiband Operation” Progress In Electromagnetics Research C (PIER C), Vol.78, 173-182.
15. R.Pandeeswari, (2017)A Compact Meandered CPW-Fed Antenna with Asymmetrical Ground Plane for 5.8 GHz RFID Applications with Multiple Split Ring Resonator, Progress In Electromagnetics Research Letters, Vol. 71, 125–131.
16. NiteshJha, Seema R Tirkey, R. Pandeeswari, S.Raghavan, (2016), A Compact Triangular Microstrip patch antenna loaded with triangular SRR for Wireless applications , South Asian Journal of Research in Engineering Science and Technology, Vol-1 . 2,314-319.
17. R. Pandeeswari, and S. Raghavan(2015)A CPW-Fed Triple Band OCSRR Embedded Monopole Antenna with Modified Ground for WLAN and WIMAX Applications. Microwave and Optical Technology Letters, Wiley Interscience, USA, 57, 2413 - 2418.
18. R. Pandeeswari, and S. Raghavan(2015)Meandered CPW-Fed Hexagonal Split Ring Resonator Monopole Antenna for 5.8 GHz RFID Applications. Microwave and Optical Technology Letters, Wiley Interscience,USA, 57, 681 -684.

19. R. Pandeewari, and S. Raghavan(2015)Microstrip Antenna with Complementary Split Ring Resonator Loaded Ground Plane for Gain Enhancement.Microwave and Optical Technology Letters, Wiley Interscience,USA, 57, 292 - 296.
20. R. Pandeewari, and S. Raghavan(2014)Broadband monopole antenna with split ring resonator loaded substrate for good impedance matching. Microwave and Optical Technology Letters, Wiley Interscience, USA,56,2388-2392.