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Dr. U.Surendar is working as Assistant Professor in the Department of CSE at SRMIST, Ramapuram campus. She holds a Ph. D degree in the field of Microwave Antennas and MIMO Antennas, Asymmetrical Configurations of Transmission Line Structures from Anna University since 2022. He has 9 years of teaching experience with good computational skills. He is a recognized supervisor under Anna University. Is an active reviewer in reputed journals like Wireless Personal Communications – Springer, International Journal of Communication Systems – Wiley, American Journal of Electromagnetics and Applications. Has delivered lectures on antenna designing and handled hands-on sessions for UG students of various institutes. He received an award for best academic supporting staff in the year 2021 from Wilma associations. He has published 4 articles in SCIE, 3 SCOPUS, 2 Book Chapters, 11 articles in reputed international journals, 12 International conferences and 3 National Conferences.

Area of Research:

Microwave Antennas, MIMO Antennas, and Metamaterial Antennas.

Selected Publications:

1. Senthilkumar, S., Surendar, U., Christina, X.S. et al. A Compact Phased Array Antenna for 5G MIMO Applications. Wireless Pers Commun 128, 2155–2174 (2023) **SPRINGER(Q2)**. **IF: 2.0 (2022)**.  [[Link](#)].
2. Senthilkumar, S., **Surendar. U**, Ramanujam, P. & J.William. A dual-polarized metamaterial spiral MIMO antenna for 5G applications. Appl. Phys. A 128, 607 (2022), **SPRINGER(Q2)**. **IF: 2.9 (2022)**,  [[Link](#)].
3. **Udhayasuriyan Surendar**, Senthilkumar Subramaniyan, & Johnson, W. “A Compact Metamaterial-Based Open-Ended CPW Band-Pass Filter for Wireless Applications” Arab J Sci Eng 47, 3473–3480 (2022), **SPRINGER (Q1)**, **IF: 2.8 (2021)**,  [[Link](#)].
4. **U.Surendar**, S.Senthilkumar, J.William, "Design of Low Cost Miniaturized Metamaterial Based Circular Split Ring Monopole Radiating System for LTE Applications", **Journal of Circuits, Systems, and Computers, World Scientific(Q3)**, vol.30, issue 13, pp 215233-1-15, **2021**. **IF:1.2**,  [[Link](#)].

Patents:

1. **U.Surendar**, “A Safety System”, an INDIAN Patent, Patent no. No.202141060468 A, F21S0009030000, Dated: 07/01/2022.

Professional Bodies:

1. The Indian Society for Technical Education(ISTE) (Member ID: LM 111606)

Google Scholar:

<https://scholar.google.com/citations?user=WVuV6JQAAAAJ&hl=en&oi=sra>

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