Dr. Reji V
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Dr. Reji V is Working as an Assistant Professor (S.G) in the Department of ECE at SRMIST, Ramapuram. She graduated in Electronics and Communication Engineering at St Xavier's Catholic College of Engineering, Kanyakumari District, Tamilnadu, India. She secured a Master of Engineering in Communication Systems at SRM University, Chennai, India. She completed Ph.D. in the field of Reconfigurable Antenna at SRMIST, Katankulathur Chennai, India. She is in the teaching profession for more than 15 years. She has presented more number of papers in National and International Journals, conferences, and Symposiums.

Area of Research

1. Reconfigurable Antenna
2. Optical Communication

Publications

1. Frequency Reconfigurable Antenna Design and Analysis with White LED Lamp, Red and Infra-Red LEDs, Reji, V., Manimegalai, C.T. Progress in Electromagnetics Research Letters,Vol-119-2024

2. S11 parameter results comparison in reconfigurable antennas under simulation and measurement , , Reji, V., Manimegalai, C.T. International Journal of Reconfigurable and Embedded Systems, 2023, 12(2), pp. 186–194

3. Light controlled frequency reconfigurable antenna for wireless applications ,Reji, V., Manimegalai, C.T. International Journal of Microwave and Wireless Technologiesthis link is disabled, 2023, 15(1), pp. 143–149

4. CPW-Fed Low Profile Resistive Loaded Antenna Design ,Reji, V., Manimegalai, C.T. Proceedings - 4th International Conference on Smart Systems and Inventive Technology, ICSSIT 2022, 2022, pp. 507–511

5. Design and Analysis of Microstrip High-Frequency Filter, Reji, V., Arthi, R., Manimegalai, C.T.Lecture Notes in Networks and Systemsthis link is disabled, 2022, 373, pp. 241–250

6.**V-shaped long wire frequency reconfigurable antenna for WLAN and ISM band applications ,**Reji, V., Manimegalai, C.T.AEU - International Journal of Electronics and Communications this link is disabled, 2021, 140, 153937

7. Dual-band wearable antenna for medical applications, Reji, V., Manimegalai, C.T. International Journal of Recent Technology and Engineering, 2019, 8(3), pp. 1440–1442

8.High gain elliptical stacked patch antenna Reji, V., Kavitha Sudha, R., Srisabarimani, K. International Journal of Control Theory and Applications, 2016, 9(12), pp. 5733–5739

9. Feasibility study of high data rate underwater optical wireless network,Reji, V., Beula Chitra Priya, T., Revathi, G.Research Journal of Applied Sciences, Engineering and Technology, 2014, 8(7), pp. 844–849

10. Miniature magnetic film glass core helix al antenna array, Reji, V., Kavitha Sudha, R., Srisabarimani, K., Pradeep Doss, M.Research Journal of Applied Sciences, Engineering and Technology, 2014, 8(5), pp. 654–657

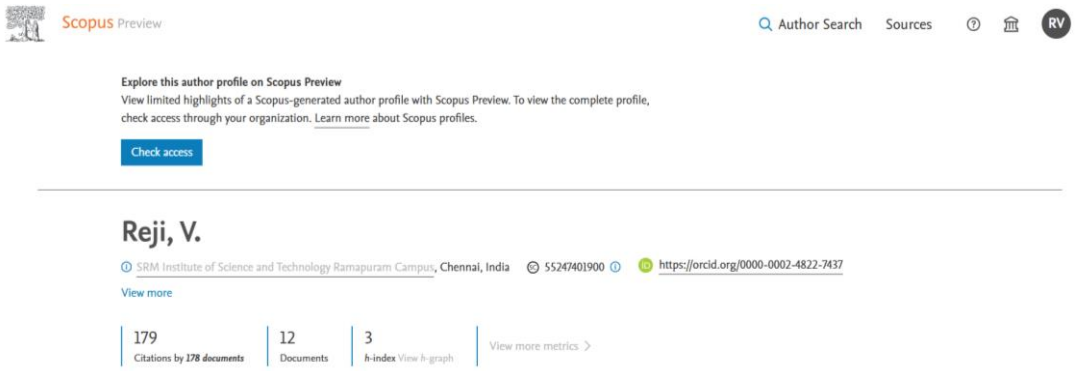
11. Improved radiation and bandwidth of triangular and star patch antenna,Ramkumar Prabhu, M., Reji, V., Sivabalan, A.Research Journal of Applied Sciences, Engineering and Technology, 2012, 4(12), pp. 1740–1748

Patent :

1. Published a patent "Antenna Integrated with LED as parasitic element for improving gain" (Application No:201941014385)

2. Published a patent for a "smart surveillance system with embedded deep learning for object detection and tracking in IoT networks" Application No.202441048898 A , Publication Date : 05/07/2024

Achievements :

1. University first rank - M.Tech - SRM University -Year-2011
2. Received fund for doing Ph.D under Visvesvaraya Ph.D Scheme for Electronics & IT" Ministry of Electronics and Information Technology, the Government of India (unique awardee no is MEITY-Ph.D-3061).

Citations :