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List of Publications

1. Om adideva paranjay and **Rajeshkumar V** (2020), A Neural Network Aided Real-Time Hospital Recommendation System. Indonesian Journal of Science and Technology 5 (2), 42-60. 2. V. Rajeshkumar, R. Rajkumar, P. Naidu and A. Kumar (2019).
2. A compact meta-atom loaded asymmetric coplanar strip-fed monopole antenna for multiband operation. AEU - International Journal of Electronics and Communications, Elsevier, Vol.98, 241-247.
3. **V. Rajeshkumar** and R. Rajkumar (2019). Corrugated fractal monopole antenna with enhanced bandwidth for ultrawideband applications. International Journal of wireless and mobile Communications, Inderscience.
4. **V. Rajeshkumar** and S. Raghavan (2015). A Compact Metamaterial Inspired Triple band Antenna for Reconfigurable WLAN/WiMAX Applications. AEU - International Journal of Electronics and Communications, Elsevier, Vol.69, 274-280.
5. **V. Rajeshkumar** and S. Raghavan (2015). Bandwidth Enhanced Compact fractal antenna for UWB applications with 5–6 GHz band rejection. Microwave and Optical Technology Letters, Wiley Publications, Vol.57, 607-613.
6. **V. Rajeshkumar** and S. Raghavan (2015). SRR based Polygon Ring Penta-band Fractal Antenna for GSM/WLAN/WiMAX/ITU band Applications. Microwave and Optical Technology Letters, Wiley Publications, Vol.57, 1301-1305.
7. **V. Rajeshkumar** and S. R Raghavan (2015). A Compact Frequency Reconfigurable Split Ring Monopole Antenna for WLAN/WAVE Applications. Applied Computational Electromagnetic Society (ACES) Journal, Vol.30, 338-344.
8. **V. Rajeshkumar** and S. Raghavan (2014). Trapezoidal ring quad-band fractal antenna for WLAN/WiMAX applications. Microwave and Optical Technology Letters, Wiley Publications, Vol.56, 2545-2548.
9. **V. Rajeshkumar** and S. Raghavan (2015). A compact asymmetric monopole antenna with electrically coupled SRR for WiMAX/WLAN/UWB applications. Microwave and Optical Technology Letters, Wiley Publications, Vol. 57, 2194-2197.
10. K. Bala Ravi Teja, P. Sri Harsha, and **V. Rajeshkumar** (2018). ELC Loaded Tri-Band Meander line Antenna Etched with U-Slot for WLAN/WiMAX Applications. Microwave and Optical Technology Letters (MOTL), Wiley Publications (Under Review).

11. V. Rajeshkumar and S. Imaculate Rosaline. Design of Slotted Multiband antenna with Reduced SAR Level using SRR superstrate. Journal of Microwaves, Optoelectronics and Electromagnetic Applications (JMoe) (Under Review).

12. D. Allin Joe, P. Pavithra and **V.Rajeshkumar** (2017). A Compact Multiband Antenna for WLAN and WiMAX Applications using Minkowski Fractal and Defected Microstrip Structure. International Journal of Microwave and Optical Technology (IJMOT), Vol. 12, No. 3, 198-203.

Conferences

1. Firoz Borah, Yash Gupta, and **Rajeshkumar V** (2019). Design of a broadband SIW Cavity-Backed Patch Antenna. International IEEE Conference on Vision Towards Emerging Trends in Communication and Networking (ViTECoN).

2. S. Rosaline and **Rajeshkumar V** (2019). Metamaterial inspired Triangular closed loop structure (TCLS) for dual band applications. International IEEE Conference on Vision Towards Emerging Trends in Communication and Networking (ViTECoN).

3. **V. Rajeshkumar** and S. Raghavan (2015). A Compact Split Ring Monopole Antenna (SRMA) for WLAN/WAVE/ITU band Applications. IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (IEEE SPICES), NIT Calicut, India.

4. **V. Rajeshkumar** and S. Raghavan (2014). A CPW Fed Compact UWB Antenna with Modified Ground Plane and Corrugated Fractal Patch for Bandwidth Enhancement. 14th International symposium on Antennas and propagation (APSYM), Cochin, India.

5. **V. Rajeshkumar** and S. Raghavan (2013). A compact CSRR loaded dual band microstrip patch antenna for wireless applications. IEEE International Conference on Computational Intelligence and Computing Research (IEEE ICCIC), Tamil Nadu, India.

6. Nutan Reddy, **V. Rajeshkumar**, S. Raghavan (2013). Dual band CPW filter using Koch Fractal structure. IEEE Tenth International Conference on Wireless and Optical Communications Networks (IEEE WOCN), Courtyard Marriott, Bhopal, India.

7. **V. Rajeshkumar** and S. Raghavan (2013). An Overview of Metamaterials in Biomedical Applications. Progress in Electromagnetics Research Symposium (PIERS), Taipei, Taiwan.

8. K. Kalirajan, M. Sudha, **V. Rajeshkumar** and S. Syed Jamaesha (2012). Adaptive visual tracking system using artificial intelligence. International Conference on Informatics, Electronics & Vision (IEEE ICIEV), Dhaka, Bangladesh.

9. **V. Rajeshkumar** and K. R. Kashwan (2011). Design and Characterization of Pin Fed Microstrip Patch Antennae. IEEE Proceedings of Eighth International Conference on Fuzzy Systems and Knowledge Discovery (IEEE FSKD), Shanghai, China.

10. T. Gunasekaran, **V. Rajeshkumar**, S. Syed Jamaesha, K.R. Shankarkumar (2011). Design and Simulation of Pin Fed Microstrip Rectangular Patch Array Antennae for Wi-MAX Applications. IEEE International Conference on Computational Intelligence and Computing Research (IEEE ICCIC), Tamil Nadu, India.