

## Dr.V.Rajeshkumar publication list

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### INTERNATIONAL JOURNALS

1. Om adideva paranjay and Rajeshkumar V (2020), A Neural Network Aided Real-Time Hospital in Recommendation System. Indonesian Journal of Science and Technology 5 (2), 42-60.
2. **V. Rajeshkumar**, R. Rajkumar, P. Naidu and A. Kumar (2019). 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. 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.
13. **V. Rajeshkumar**, K. Priyadarshini, D. Glory Devakirubai, C. Ananthi and P. Snekha (2012). Design and Comparative Study of Pin feed and Line feed Microstrip Patch Antenna for X-band Applications. International Journal of Applied Information Systems (IJ AIS), Vol. 1, 21-25.

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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**), *Taipe, 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*.