

Dr. T. K. Sreeja Publication List

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Department	Electronics and Communication Engineering
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International Journal Publications

1. **T. K. Sreeja**, J. Jayakumari, et al. "Multiband Loaded Compact Patch Antenna Design for WiMAX/ WLAN/UWB Applications" *Advances in Communication Systems and Networks – Springer's Scopus Indexed book series "Lecture Notes in Electrical Engineering"* Jan 2020.
2. **T. K. Sreeja**, J. Jayakumari, et al. "A Novel Selected Subcarrier Method for Digital Video Broadcasting" *International Journal of Engineering and Advanced Technology (IJEAT)* ISSN: 2249 – 8958, Volume-9 Issue-1, Oct 2019.
3. **T. K. Sreeja**, J. Jayakumari, A. J. Stalin, "Performance Analysis of Single Element And Two Element U- Shaped Slotted Patch Multiband Antenna for 4G Communication Systems" *International Journal of Enterprise Network Management, Inderscience Publishers*. Vol. 7, No. 2, pp.161- 171. 2016.
4. **T. K. Sreeja**, J. Jayakumari, "Novel Design of Compact Efficient T- Shaped Patch Antenna for 4G Communications" *International Journal of Enterprise Network Management, Inderscience Publishers*. Vol 9, Issue 1, pp. 1-10, June 2018.
5. **T. K. Sreeja**, J. Jayakumari, B. C. Brightlin, S. Balamurugan, "Multiband Layered Patch Antenna Using Nanoengineered Dielectric Substrate, BaFe12O19" *Advanced Science, Engineering and Medicine*, Vol. 9, No. 2, pp. 91-97, February 2017.

International Conference Publications

1. **T. K. Sreeja**, J. Jayakumari, "An Effective Downlink Budget for 2.24GHz S-band LEO satellites" *Proceedings of IEEE International Conference on Information and Communication Technologies*, 11th and 12th April 2013, India, pp. 342-345.doi: 10.1109/CICT.2013.6558117.
2. **T. K. Sreeja**, J. Jayakumari "An Efficient Multiband Antenna for Satellite and 4G Communication Systems" *Proceedings of IEEE International Conference on Green*

- Technologies (ICGT)*, 18, 19 and 20th December 2012. India, pp. 320-324.doi: 10.1109/ICGT.2012.6477993.
3. **T. K. Sreeja**, J. Jayakumari "An S-Band Micro-Strip Patch Array Antenna for Nano-Satellite Applications", "Proceedings of IEEE International Conference on Green Technologies (ICGT), 18, 19 and 20th December 2012. India, pp.325-328.doi:10.1109/ICGT.2012.6477994.
 4. **T. K Sreeja**, Kumar S Aneesh," A modified fractal antenna for multiband applications", Communication Control and Computing Technologies (ICCCCT), 2010 IEEE International Conference, pp. 47-51.
 5. **T. K Sreeja**, Ashmi Mohammed, J. Jaya Kumari, "A skull-stripping method based on modified morphological processing" Signal Processing, Communication, Computing and Networking Technologies (ICSCCN), 2011 International Conference, pp. 313-316
 6. Arun, **T. K. Sreeja**, "An effective downlink budget for 2.24 GHz S-band LEO satellites" Information & Communication Technologies (ICT), 2013 IEEE Conference. pp. 342-345.

Book Publications

- [1] **T. K. Sreeja**., Dr. J. Jayakumari, V. Anusooya, "Basic Electronics Engineering" ISBN: 978-81-8472-203-1, 2nd edition, Anuradha Publications, 2013.