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**Area of Research:** Antenna Engineering

### Publication (Journal)

1. S. R. Mishra, B. C. Sahoo and Sheeja K L., "High Selectivity and Sharp Roll-off Filtenna Array for Ku-band Application", International Journal of Electronics, 2021. DOI: 10.1080/00207217.2021.1941290
2. S. R. Mishra and Sheeja K L., "Implementation of Defected Ground Structure for Microstrip Filtenna Design", International Journal of RF and Microwave Computer-Aided Engineering, Vol. 30 (1), 2020. DOI: 10.1002/mmce.21998
3. S. R. Mishra and Sheeja K. L., "Filtennas for Wireless Application: A Review", International Journal of RF and Microwave Computer-Aided Engineering, Vol. 29 (10), 2019. DOI: 10.1002/mmce.21879
4. S. R. Mishra, Sheeja K. L. and N. P. Pathak, "Split Ring Resonator Inspired Microstrip Filtenna for Wireless Application", European Journal of Automated Systems, Vol. 50 (4-6), pp. 391-403, 2017. DOI: 10.3166/jesa.20.391-403.

5. S. R. Mishra and Sheeja K. L., “DGS Inspired Microstrip Antenna Array for Improved Radiation Properties”, International Journal of Engineering and Techniques, Vol. 3 (1), pp. 38-42, Jan – Feb 2017.

**Publication (Conference):**

1. S. R. Mishra, B. C. Sahoo and Sheeja K. L., “A 1×2 Filtenna Array for Ku-band Applications”, IEEE Indian Conference on Antennas and Propagation (In-CAP), pp. 64-67, 2021. DOI: 10.1109/InCAP52216.2021.9726380
2. B. C. Sahoo, S. R. Mishra, D. Dash and K. D. Sa, “Design and Validation of an Antenna Array for Cloud Radio Access Network Applications”, IEEE International Conference for Convergence in Engineering, Kolkata, India, pp. 295-299, 2020.
3. S. R. Mishra and Sheeja K. L., “Defected Ground Inspired Dual band Filtenna for Wireless Application”, IEEE International Conference on Applied Electromagnetics, Signal Processing and Communication, KIIT University, Bhubaneswar, India, 2018.
4. S. R. Mishra and Sheeja K. L., “Wide Band Filtenna with Inductively Loaded SRR for Ku-Band Application”, IEEE International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering, KIIT University, Bhubaneswar, India, 2018.
5. S. R. Mishra and Sheeja K. L., “Unit Cell DGS to Suppress Cross-polar Radiation in Rectangular patch Antenna”, 10th International conference ATMS India-2017, Hyderabad, 07-08 February 2017.