
AUTHOR'S PUBLICATIONS

Journals:

1. **Bhagirath Sahu**, Soni Singh, Manoj Kumar Meshram, and S. P. Singh, “Super-Compact Ultra-wideband Microstrip Band-pass Filter with Improved Performance Using Defected Ground Structure-based Low-pass Filter,” *Journal of Electromagnetic Waves and Applications*, 2018, vol. 32, no. 5, pp. 635–650. doi.org/10.1080/09205071.2017.1402712
2. **Bhagirath Sahu**, Soni Singh, Manoj Kumar Meshram, and S. P. Singh, “Study of Compact Microstrip Lowpass Filter with Improved Performance Using Defected Ground Structure,” *International Journal of RF and Microwave Computer-Aided Engineering*, 2018, vol. 28, no. 4, e21209. doi.org/10.1002/mmce.21209
3. **Bhagirath Sahu**, Pankaj Tripathi, Soni Singh, Manoj Kumar Meshram, and S. P. Singh, “Investigation on Compact Modified Wideband Interdigital Bandpass Filter with Wide Stopband Using Spurlines and Defected Ground Structures,” *Microwave and Optical Technology Letters*, 2016, vol. 58, no. 11, pp. 2634–2639. doi.org/10.1002/mop.30116
4. **Bhagirath Sahu**, Soni Singh, Manoj Kumar Meshram, and S. P. Singh, “A New Compact Ultra-wideband Filtering Antenna with Improved Performance,” *Journal of Electromagnetic Waves and Applications*, 2019, vol. 33, no. 1, pp. 107–124. doi.org/10.1080/09205071.2018.1529630
5. **Bhagirath Sahu**, Soni Singh, Manoj Kumar Meshram, and S. P. Singh, “Integrated Design of Filtering Antenna with High Selectivity and Improved Performance for L-band Applications” *International Journal of Electronics and Communications*, 2018, vol. 97, pp. 185–194. doi.org/10.1016/j.aeue.2018.10.015.

Conferences/Workshops/Symposium:

1. **Bhagirath Sahu**, Soni Singh, Manoj Kumar Meshram, and S. P. Singh, "Simulation study of ultra-compact microstrip UWB bandpass filter with wide stopband using DGS based lowpass filter," 2017 IEEE MTT-S International Microwave and RF Conference (IMaRC), Ahmedabad, 2017
2. **Bhagirath Sahu**, Soni Singh, Manoj Kumar Meshram, and S. P. Singh, "Defected ground structure based compact microstrip lowpass filter with wide stopband," 2017 IEEE Applied Electromagnetics Conference (AEMC), Aurangabad, 2017, pp. 1-2. doi: 10.1109/AEMC.2017.8325704
3. **Bhagirath Sahu**, Soni Singh, Manoj Kumar Meshram, and S. P. Singh, "Ultra-compact Microstrip UWB bandpass filter with improved performance," 2017 International Symposium on Antennas and Propagation (ISAP), Phuket, Thailand, 2017, pp. 1-2. doi: 10.1109/ISANP.2017.8228871
4. **Bhagirath Sahu**, Pankaj Tripathi, Manoj Kumar Meshram, and S. P. Singh, "Simulation study of modified compact microstrip interdigital bandpass filter with wide stopband for L-band applications," 2015 IEEE MTT-S International Microwave and RF Conference (IMaRC), Hyderabad, 2015, pp. 409-411. doi:10.1109/IMaRC.2015.7411401
5. **Bhagirath Sahu**, Pankaj Tripathi, Manoj Kumar Meshram, and S. P. Singh, "Design of microstrip interdigital bandpass filter with suppression of spurious responses for L-band wireless communication applications," 2015 International Conference on Microwave and Photonics (ICMAP), Dhanbad, 2015, pp. 1-2. doi:10.1109/ICMAP.2015.7408783