AUTHOR'S RELEVANT PUBLICATIONS

1. **M. V. Swati**, M. S. Chauhan, and P. K. Jain, "Time-Dependent, multimode interaction analysis of the Gyroklystron amplifier," *Phys. Plasmas*, vol. 23, no.8, pp. 083124 (1-8), 2016.

2. **M. V. Swati**, M. S. Chauhan, and P. K. Jain, "Design Methodology and Beam–Wave Interaction Study of a Second Harmonic D-Band Gyroklystron Amplifier," *IEEE Transactions on Plasma Science*, vol. 44, no. 11, pp. 2844-2851, 2016.

3. M. S. Chauhan, **M. V. Swati**, and P. K. Jain, "Nonlinear Analysis of a Gyroklystron Amplifier with Misaligned Electron Beam," *Journal of Fusion Energy*, vol. 35, pp. 289-298, April 2016.

4. M. S. Chauhan, **M. V. Swati**, and P. K. Jain, "Design and Simulation of a Gyroklystron Amplifier," *Physics of Plasmas*, vol. 22, no. 3, March 2015.

5. **M. V. Swati**, Rajeev Sharma, M. S. Chauhan, and P. K. Jain, "Multimode Simulation and Analysis of Two-Cavity Gyroklystron," *INROADS*, vol. 3, no.1, pp. 254-257, 2014.

6. **M. V. Swati**, M. S. Chauhan, and P. K. Jain, "Time-Dependent Nonlinear Analysis of a Second Harmonic Gyroklystron Amplifier," *International Symposium on Microwave and Optical Technology* (ISMOT-2015), Dresden, Germany, 15-17 June 2015.

7. **M. V. Swati**, M. S. Chauhan and P. K. Jain, "Beam-Wave Interaction Study of a Second Harmonic Gyroklystron Amplifier," *IEEE Conference on Recent Advances in Electronics & Computer Engineering* (RAECE-2015), Roorkee, India, pp. 189-191, 13-15 February 2015.

8. **M. V. Swati**, M. S. Chauhan, and P. K. Jain, "Multimode Analysis of a W-Band Gyroklystron Amplifier," *IEEE MTT-S International Microwave and RF Conference* (IMaRC-2014), Bangalore, India, pp. 308-311, 15-17 December 2014.

9. **M. V. Swati**, Rajeev Sharma, M. S. Chauhan, and P. K. Jain, "Multimode Simulation and Analysis of Two-Cavity Gyroklystron," *International Conference on Innovative Advancements in Engineering And Technology* (IAET-2014), Jaipur, India, 7-8 March 2014.

10. **M. V. Swati**, M. S. Chauhan, and P. K. Jain, "Multimode Analysis of a 35 GHz Gyroklystron Amplifier," *International Conference on Microwaves, Antenna, Propagation & Remote Sensing* (ICMARS-2013), Jodhpur, India, 11-14 December 2013.

11. M. S. Chauhan**, M. V. Swati**, and P. K. Jain, "Performance Evaluation of a Four-Cavity Gyroklystron Amplifier," *International Conference on Microwaves, Antenna, Propagation & Remote Sensing (ICMARS-2013),* Jodhpur, India, 11-14 December 2013.

12. **M. V. Swati**, M. S. Chauhan, and P. K. Jain, "Parametric Analysis of W-Band gyroklystron amplifier," *National Workshop on Vacuum Electron Devices & its Applications* (VEDA-2014), Indore, India, 20-21 March 2015.

13. **M. V. Swati**, M. S. Chauhan, and P. K. Jain, "Multimode Behavior Study of a Gyroklystron Amplifier," *National Workshop on Vacuum Electron Devices & its Applications* (VEDA-2013), Roorkee, India, 18-20 October 2013.

14. M. S. Chauhan**, M. V. Swati**, and P. K. Jain, "Design and Simulation of a Four-Cavity Gyroklystron Amplifier," *National Workshop on Vacuum Electron Devices & its Applications (VEDA-2013),* Roorkee, India, 18-20 October 2013.