
AUTHOR'S RELEVANT PUBLICATIONS

- [1] AmitArora, MuthiahThottappan, and Pradip Kumar Jain, “**Design and StabilityStudies of Second Harmonic Gyro-TWT Amplifier Using Wedge-ShapedLossy Ceramic Rods Loaded Mode Selective RF Interaction Circuit**”, *IEEETransactions on Plasma Science*, vol. 44, no. 10, pp. 2340-2347,2016
- [2] AmitArora, M.Thottappan, and P.K.Jain, “**PIC Simulation of a Millimeter WaveGyrotron Traveling Wave Amplifier**”, -Submitted to *International Journal ofMicrowave and Optical Technolog (IJMOT)* and it is under final review.
- [3] AmitArora, M.Thottappan, and P.K.Jain, “**Particle-In-Cell Simulation of aUniformly Loaded W-Band Gyro-TWT to Study its Multi-Mode Beam-WaveInteraction Behavior**”, Accepted for publication in *International Journal ofMicrowaves Applications (IJMA)*” in vol.5, no.5, 2016.
- [4] AmitArora, M.Thottappan, and P. K. Jain, “**Time-Dependent Nonlinear Analysis ofGyro-TWT Amplifier**”, Proceedings of National Conference on Recent Advances inElectronics & Computer Engineering, RAECE, 2015, pp. 240-243, Feb.13-15, 2015.