

Prerit Jain

Curriculum Vitae

Education

- 2011–2013 Master of Technology
Specialization RF and microwave engineering
University Indian Institute OF Technology,Roorkee
CGPA 6.66 OUT of 10
- 2006–2010 Bachelor of Engineering
Specialization Electronics & Communication Engineering
College Medicaps institute of technology and management,Indore
Percentage 68.28 %
- 2005 Higher secondary Exam
Stream PCM (Physics,Chemistry,Mathematics)
University MPBSE, Bhopal
Percentage 85.5%
- 2003 High School Exam
University MPBSE, Bhopal
Percentage 81.2 %

Masters Thesis

- Title Design studies of a 30 GHz, 10 kW, CW second harmonic gyrotron
Supervisors Dr. M.V. Kartikeyan
Description A conceptual study on designing of a second harmonic gyrotron is that we can obtain the radiation at any frequency with only half magnetic field will require. Study of gyrotron design contains Mode selection, starting current calculation,cavity designing, gun designing and complete output section designing (a non-linear Taper, a quasi-optical launcher and RF window). Self consistent (both single mode and time dependent) calculations was carried out in which power and efficiencies were computed for a typical set of beam parameters.

Experience

- 2013-present Three year teaching experience in gate teaching at various coaching center like Gateforum ,The Gate academy
- July 2015 - Working as a asst. professor in Shree Govindram Seksaria institute of Technology and science, Indore (M.P.).
Present
- Aug 2013 - Worked as a asst. professor in Indore institute of science and technology, Indore
june 2015 (M.P.).

Area of interest

Electronic devices and circuits
Digital electronics
Analog electronics
Electromagnetic fields and theory

Languages

Hindi S/R/W
English S/R/W

Achievements

2011 GATE AIR 771 percentile 99.44
2012 GATE AIR 832 percentile 99.52

Personal Information

Father Pramod Jain
Mother Sandhya Jain
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References

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