

Dr. RAJIV KUMAR SINGH

Dept. of Elcetronics & Comm. Engg., Institute of Engineering & Technology, Sitapur Road, Lucknow
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Educational Qualification

Ph.D.

Electronics Engineering, Indian Institute of Technology (Banaras Hindu University), Varanasi

Thesis title: Studies on Large Signal Behaviour of a Disc-Loaded Wideband Gyro-TWT Amplifier

Master of Technology

Electronics & Communication Engineering, Guru Nanak Dev Engg College Ludhiana

Division: First with Distinction

Bachelor of Engg.

Electronics & Communication Engineering, M.J.P. Rohilkhand University, Bareilly

Division: First with Honours

Diploma

Electronics Engineering, Govt. Polytechnic, Jaunpur, Division: First with Honours

Research Experience / Professional Career

Nov. 2015 – Oct 2017

Jr. Telecom Officer, Bharat Sanchar Nigam Ltd., Chandigarh, Punjab

April, 2009 – Aug. 2014

Jr. Telecom Officer, Bharat Sanchar Nigam Ltd., Ludhiana, Punjab.

March, 2008 – March 2009

Senior Research Fellow, IT BHU, Varanasi

March, 2006 – March, 2008

Junior Research Fellow, Centre of Research in

Centre of Research in Microwave Tubes, Deptt. of Electronics Engineering, Institute of Technology, BHU, Varanasi

Academic Experience

Oct. 2017 – Till date

Assistant Professor, Deptt. of Electronics & Comm. Engineering, Institute of Engineering & Technology, Lucknow, Dr APJ Abdul Kalam Technical University, Lucknow.

Sept. 2014 – Nov. 2015

Associate Professor, School of ECE, LPU, Punjab

Honours and Awards

Senior Research Fellowship

Junior Research Fellowship

Qualified GATE in Electronics & Comm.

Scientific Skills and Computers

- *Programming Languages:* Matlab, Fortran.
- *Simulation Software:* HFSS, CST Microwave Studio.

Publications

Papers in International journals

Published: **29**, Communicated: 1

Papers in National journals

Published: **36**

Papers in International Conferences

Published: **41**

Papers in National Conferences

Published: **04**

Total papers

111

Major R&D & Professional Roles

- Completed 03 research projects EM analysis of RF structures for gyrotron devices.
- Worked as a member in a National level DST sponsored design project for characterization of gyrotron cavity design for a 200kW, 42 GHz Gyrotron at IIT (BHU), Varanasi.
- Rolled-out WiMAX services in Ludhiana, Punjab for BSNL.
- Worked as session chair, expert, reviewer.
- Fellow member of IETE and IEI (India)

Date:

Place: Lucknow

(Dr. RAJIV KUMAR SINGH)