

Rashi Dutt

Pursuing PhD (Microelectronics and VLSI)
Indian Institute of Technology Hyderabad – Aug'16 – till date

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Education

- **National Institute of Technology Nagaland**
 1. Master of Technology, VLSI Systems (2014-2016) - 9.72/10 (CGPA)
 2. Bachelor of Technology ECE (2010-2014) - 9.86/10 (CGPA)
- **Ch. Chhabil Das Public School, Ghaziabad**
XII, C.B.S.E. (2010) - 92.8%
- **St. Joseph's Academy, Ghaziabad**
X, I.C.S.E. (2008) - 95.43%

Work Experience

- Teaching Assistant at NIT Nagaland (*September '14 - December '15*)
- Project Intern at Indian Institute of Technology Hyderabad (*December '15 – May '16*)
- Indian Academy of Sciences (IASc-INSA-NASI) Fellow -2015 (*June '15 - August '15*)
- Summer Intern at Electronics & Radar Development Establishment, DRDO Bangalore (*June '13 – July '13*)

Major Projects Undertaken

- **M.Tech final year Project** - Low Complexity VLSI System Design for DSP Algorithms.
- **B.Tech final year Project** - Removal of Speckle Noise from Satellite Images and Satellite Image Compression using complex wavelet transform.
- **B.Tech pre-final year Project** - Ascertaining the Complexity of RADAR Signal Processing Algorithms and Verification of the Same by Means of Benchmarking, at LRDE, DRDO Bangalore.

Technical Skills

- **Programming Languages** : C, 80x85/86 Assembly Programming, Verilog, VHDL
- **Software Packages** : Xilinx, Cadence, Mentor Graphics, MATLAB, LABVIEW

Certification

- NPTEL Online Certification for MATLAB Programming for Numerical Computation.

Achievements

- Gold Medalist in B.Tech, NIT Nagaland-2014.
- Secured 3rd rank in St. Joseph's Academy in X board (ICSE) exams.
- 1st prize in Chess competition and 2nd in Kabbadi tournament held at NIT Nagaland.

Extra Curricular Activities and Hobbies

- Student Coordinator of Training and Placement Cell, NIT Nagaland.
- Chief Editor of Electronics and Communication Society, NIT Nagaland.
- Participated in “*IEEE Conference on Graphics and Presentation*”, IEEE Students Chapter, IIT Guwahati on 5th- 6th October – 2013.
- Member of Event Management Committee for Ekarikthin, NIT Nagaland Cultural Festival.
- Participated in National level CBSE Science Exhibition at Springdales School, Pusa Road, New Delhi.
- Hobbies include reading, creative writing, painting and dancing.