

ANCHIT DANGI (06EC3209)

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ACADEMIC QUALIFICATIONS

Examination/Degree	Year	School/University	%/CGPA
B. Tech+M.Tech(Dual) Electronics and Electrical Communication Engineering	2006-2011	Indian Institute of Technology, Kharagpur	8.22/10
HSC/Class XII	2006	SNM Sr. Sec. School, Chandigarh/CBSE	86.6%
SSC/Class X	2004	M.D.N Public School, Rohtak/CBSE	89.8%

Academic achievements

- Secured an All India Rank 783 (top 0.3%) in IIT-JEE 2006 out of 2,87,564 students.
- Secured an All India Rank 764 (top 0.2%) in AIEEE 2006 out of 5,00,000 students.
- Awarded WISE scholarship from German Academic Exchange Service (DAAD) for pursuing internship at Otto-von Guericke University, Magdeburg, Germany.
- Cleared 1st stage - Regional Mathematics Olympiad 2006.
- School topper in Class 10th.

Internships

Polytechnic Institute of NYU, New York , USA

May'09-July'09

Design and Analysis of Low Power High Performance Interconnects for On Chip VLSI Systems.

- Simulated the bus encoding scheme called 'Bus Invert' to reduce switching in interconnects.
- Successfully reduced the power by 6% in interconnects with high switching rate.
- Awarded 'Best grade' by Prof Garrett Rose for outstanding performance during internship.

Otto-von Guericke University, Magdeburg, Germany

May'10-July'10

Design of CMOS Ring Oscillator with maximum Transit Frequency of 40MHz.

- Designed and created layouts of CMOS ring oscillator on .35um technology in Cadence.
- Programmed a digital multimeter with resolution of 8 bits using LabView.

SAVERA , NGO, Safidon

Dec'08 & Dec'09

- Worked with NGO SAVERA to teach under privileged kids how to read and write.

B.Tech – M.Tech project

Implementation of GMSK demodulator for Software Defined Radio on FPGA

- Simulation and comparison of coherent and non coherent GMSK demodulators.
- Implementation of non coherent GMSK demodulator on FPGA.

Relevant Courses/Certification

- Courses : Operation Research, Industrial Economics, Probability and Stochastic, Design and Analysis of Algorithm, Computer Software, Programming and Data Structure in C.
- Certificate: *Financial Markets and Investment Analysis and Portfolio Management* by NSE's Certification in Financial Markets (NCFM).

Positions of responsibility

Co-ordinator

- Corporate Management Team, Kshitij 2009, annual techno-management festival IIT Kharagpur.
- Led a team of 10 students and coordinated between various event sponsors and event management teams.

Executive Council Member

- Electronics and Electrical Communication Engineering Department Society.
- Organized introduction and farewell functions in the department.

Editor

- Annual Hall Magazines *Swagatam* and *Iris* of R K Hall of Residence, 2008-09.

Extracurricular Activities

- Volunteer, Childs Right and You (CRY) IIT Kharagpur Volunteer Chapter.
- Member of National Service Scheme (NSS) from July 2007 – May-2008.
- Won 3rd Merit award in Winning Stroke Competition, a national level painting competition.
- Member Case Study team R K Hall of Residence.
- Represented my school in Heritage India Quiz contest conducted by CBSE in 2003 and 2004.
- National Cadet Corp in EME Coy Bengal(Indian Air Force) during session 2006-07.