



ANURAG JAIN

(Electrical Engg.)

ACADEMICS

B.Tech (EE)	IIT Kharagpur	2007-2011	7.27/10 (after 6 semesters)
Class XII (CBSE)	Modi Public School, Kota	2006	80.6%
Class X (CBSE)	Air Force Vidya Bharti School, Gwalior	2004	87.8%

ACADEMIC ACHIEVEMENTS

- **All India Rank 602** out of more than 3 Lac students who appeared for **IIT-JEE 2007**.
- **All India Rank 761** out of more than 5 Lac students who appeared for **AIEEE examination 2007**.

INTERNSHIPS AND PROJECTS

Summer Internship at Controls and Switchgear Contactors Ltd., Noida **May-July 2010**

- Designed a circuit of Electronic coil for Power Contactors.
- Implemented Electronic coil model using microcontroller (PIC12F675) to control Power dissipation.

Achievements:

- Significant reduction in the redundant Power dissipation.
- Improvement in the reliability of making and breaking circuits by Power Contactors.

Project Guided by: Prof. A. Routray, IIT Kharagpur

Jan-Mar 2010

- Designed an embedded System for slosh control in moving liquid containers.
- The project included speed control of a liquid carrier using 8051 microcontroller.

Achievement:

- Minimized liquid sloshing in the hardware model working under the constraint that carrier should take minimum possible time to reach the destination point.

Summer Internship at NTPC Sipat, Bilaspur

June-July 2009

- Studied various methods to locate faults in Transmission lines.
- Learnt the working of Switchyard and Switchgear in the Power Plant.
- Was recognized for my excellent performance and conduct during the internship.

B. Tech. Project

July 2010-present

- Design of a Current Source Inverter for high Power applications.
- Simulation of test circuits on software pSpice.

Achievement (till now):

- Achieved ideal current source using PI controller to be used in final circuit.

TECHNICAL SKILLS

Softwares	Matlab, pSpice, Autocad, Xilinx, MS Office
Languages	C/C++
Operating Systems	Windows XP/Vista/7, Linux

EXTRA CURRICULAR ACTIVITIES

- **Silver medal** in Inter hall **Basketball** tournament in 2008.
- **Gold medal** in Inter hall **Illumination** event in 2009.
- **Silver medal** in Inter hall **weight lifting** in 2009.
- Member of Inter hall **Choreography** team.
- Member of Inter hall **Athletics** team and participated in **Long distance running** events.
- Worked for **RED CROSS SOCIETY** under National Service Scheme.

HOBBIES AND INTERESTS

- Reading books, fiction and philosophical.
- Travelling, Listening to music.