

SCHOLASTIC ACHIEVEMENTS

- Secured **All India Rank 567** out of approximately 4, 00,000 students (among **top 0.14%** in India) in **IIT-JEE 2009**.
- Secured **All India Rank 881** out of approximately 10, 00,000 students (among **top 0.08%** in India) in **AIEEE 2009**.
- Secured **State rank 55** out of 44,000 students (among **top .15%** in state) in **RPET 2009**
- Recipient of **MERIT Scholarship from IIT Bombay** based on the performance in **ALL INDIA JOINT ENTRANCE EXAM 2009**

POSITIONS OF RESPONSIBILITIES

- **Co-ordinator, Entrepreneurship cell 2010**
 - Worked as a Co-ordinator of **Entrepreneurship cell** in Eureka in Events department.
- **Co-ordinator, Mood Indigo 2010**
 - Worked as a co-ordinator in Pronites department and played an instrumental role in convincing new bands to compete in Livewire (English band competition) 2010.

ACADEMIC PROJECTS

- **IIT Bombay Unique Identification Project for Fingerprint Recognition**
(Course Project) (Autumn 2009)
 - Under Guidance of Prof. Deepak Phatak, CSE Department, IIT Bombay, designed and coded the interface for registration of new user using C++.
 - The aim of the project was to have a unique id for students in form of their finger print and the scheme is now being used for attendance.
- **Fabrication of neural probes**(Course project)
 - Under the able guidance of Prof. Rohit Srivastav, Biomedical And Biosciences Department, IIT Bombay, worked with a four member team for the fabrication of neural probes.
 - The project involved designing the right material to make sure electrical conductivity, mechanical stiffness, bio-compatibility, minimum neural damage, and most importantly it should be cost effective.

INDUSTRIAL TRAINING

- **Work visit at RCF** (Spring2010)
 - Under Guidance of Prof. Sanjay Mahajani, Chemical Engineering Department, IIT Bombay, underwent a **training program on Production of Sulphuric Acid** at Rashtriya Chemicals & Fertilisers Ltd. (RCF), Chembur, Mumbai.

INTERNSHIP

- **Lupin Ltd, Tarapur, Maharashtra (May2011- July2011)**
 - Worked in the process engineering department during this period.
 - Using technical knowledge solved various problems and engineered methods to reduce the energy consumption in the plant and thus reducing costs.
 - The proposals if implemented, will save about **\$30,000** per annum once the payback time is over.
- **Resonance Coaching Institute, Mumbai (December 2010)**
 - Conducted seminars and personal counselling for IIT-JEE aspirants for the promotion of the institute and over 70% of the students counselled joined the institute during this period.
 - Worked with the Marketing Department of the institute to chalk out the strategies for marketing and execution and laid out the plan for achieving the target admissions during this period.

RELEVANT COURSES UNDERTAKEN (completed till spring 2012)

- Introduction to Numerical Analysis, Introduction to Statistics and probability theory, Computer Programming and Utilization, Calculus, Ordinary Differential equation.

TECHNICAL SKILLS

- Designed a **remote controlled car** for F1 Race Competition (mechanical car racing event)
- Operating System: Windows and Ubuntu.
- Software skills: MS Office, Scilab, Photoshop, Matlab, ChemCAD, AutoCAD.
- Computer Language: C++, HTML, Java.

EXTRA-CURRICULAR ACTIVITIES

- Was an active member of National Service Scheme in my freshmen year.
- Successfully completed the Basic Mountaineering Course from Atal Bihari Vajpayee Institute of Mountaineering And Allied Sports, Manali.
 - The activities involved were running daily for about 5km , rock climbing, snow walking, ice walking, trekking in Himalayas upto the height of 17,000 feet(Lahaul Spiti), camping at 10000 feet etc. stretched over a period of one month.