

POSITIONS OF RESPONSIBILITY

Department Alumni and Seminar Secretary [April' 11-to date]

- Organised lectures from alumni of IIT Bombay who are in the top notch positions of the industry.
- Organised resume making, GD and PI sessions benefitting around 200 students.
- Updated the Alumni database of the department as a member of SARC (Student Alumni Relations Cell), IIT Bombay.

Class Representative, II year, Chemical Engineering Department [April' 10-to April' 11]

- Maintained **excellent rapport** between the faculty and students and co-ordinated the class activities.

Co-ordinator, TECHFEST 2011 (IIT Bombay's technical festival) [July' 10-January' 11]

- Executed the event Lift Off in TECHFEST, 2011 with 2 other co-ordinators.
- Managed around 160 teams with over 500 participants from 40 colleges across India.

Co-ordinator, MOOD INDIGO 2010 (IIT Bombay's cultural festival) [July' 10- Dec' 10]

- Handled a series of stage performances including art demonstrations by artists from foreign countries and a college fashion show with 7 other co-ordinators.

INTERSHIP

Citibank, Mumbai [May'11-July'11]

- Worked on a project to reduce the **customer traffic** in the Service Centres of Suvidha.
- Visited the Citibank Suvidha Service Centres in Bangalore and Pune and made a study of the trend of reasons of the customers visiting the centres in the two cities.
- **Suggested alternate platforms** and modifications in the existing processes to address and resolve customer queries so as to increase the level of customer satisfaction.

SCHOLASTIC ACHIEVEMENTS

- Secured an All **India Rank of 1239** in IIT JEE. Around 4,00,000 students appeared for this exam from all over India.
- **Topper** in Andhra Pradesh in the exam on Electrostatics and Wave Mechanics organized by Narayana Educational Institutions on an all Andhra Pradesh basis. [2008]
- Awarded a **certificate of Merit** in the MTSE (Maharashtra Talent Search Examination) for two consecutive years 2004 and 2005.
- Honoured as the Best Student by the school for the phenomenal performance at the school level.
- Awarded a scholarship by the Maharashtra government for the meritorious performance in Mathematics and Science in 10th standard. [2006]

TECHNICAL SKILLS

- Have a comprehensive knowledge of animation in **Adobe Flash**. Awarded a certificate of A grade in Flash by NACTS (National Advanced Computing Training School).
- Have a basic hands-on experience of **Matlab, Scilab, LaTeX, Photoshop, Html and C++**.
- Operating System: Windows, Linux.

PROJECTS

Bio-Diesel production:

[December 2010]

- Presented, in a team of four, a **life cycle analysis of Bio-Diesel** production in India based on the study of the mini plant at IIT Bombay.
- Created the energy balance data sheet, evaluated the emissions of harmful gases at each stage of Bio-diesel production, analyzed and suggested ways to optimise its production.

Sulphuric Acid plant analysis:

[March 2010]

- Studied the design and working of Sulphuric Acid plant at Rashtriya Chemical Fertilizers Ltd., Mumbai.
- Analysed the flow processes in detail and explored ways to reduce cost and increase percentage yield of product.

Solar energy powered boat:

[January 2010]

- Designed a boat for the event Solar Splash, TECHFEST 2010.
- The boat used solar energy to run on water. The boat could store energy and run for a few seconds even in the absence of solar energy.

Mini National UID for IIT Campus:

[October 2009]

- Worked in a team of 21 people in writing a C++ program for applying the Fingerprint Technology using Biometric sensor device.
- The program included a driver program for Lumidigm biometric sensor device to handle registration of new students, automatic generation of their email ids, verification of their personal details and opening their accounts in the Central Library of IIT Bombay.

EXTRA CURRICULAR ACTIVITIES

- Secured **7th position** in Nashik district in the Cadbury Bournvita Quiz Contest.
- One of the few selected by Hungama TV channel in the Hungama TV Captain Hunt contest.
- Among the **8 mentors** to supervise and guide the first year students in hostel cultural events.
- Among the 10 first year students selected in the **dramatics team of PAF 2010** (Performing Arts Festival), IIT Bombay.
- Coordinated between the faculty and students and represented the school at various levels as the Head Boy of the school.

OTHERS

- Headed a team of 15 students for creating an awareness on importance of tree plantation and the hazards of global warming under **Manav Uthhan Manch**, an NGO working for the improvement of environmental conditions.
- Passionate about video editing, creating short animated movies using Flash.
- Languages known : **English, Hindi, Marathi, Telugu (basic) and Punjabi (basic)**.