
SCHOLASTIC ACHIEVEMENTS

- Department Rank 4 (among a batch of 25 students)
- Secured AIR 1232 in the IIT-JEE 2009 and AIR 544 in AIEEE 2009
- **Merit Certificate (Mathematics):** Awarded to top 0.1% of students appearing in CBSE Class XII Board Examinations
- **School topper** in Class XII as well as Class X Board examinations
- TSI MATHS OLYMPIAD (2005): Received Merit Certificate for being ranked **60th in level II**

POSITIONS OF RESPONSIBILITY

- **Marketing Manager, The Entrepreneurship Cell 2011-12** [March 2011-Present]
(The Entrepreneurship Cell, IIT Bombay is the leading Entrepreneurship promoting student organization in India as recognized by National Entrepreneurship Network)
 - **Leading a 2-tier team** of 40 volunteers to **oversee corporate partnerships** for various E-Cell initiatives including Eureka! 2011, Vulture's Nest, E-Summit 2012, TEDx etc
 - Restructured the sponsorship slots, introducing new and integrated branding solutions for sponsors
 - Successfully closed corporate partnerships **worth over INR 5 million** for Eureka! 2011 (highest so far)
 - Successfully negotiated deals with **CNBC TV-18 (worth over INR 5 Million)** for broadcast agreement and **Indian Express (worth INR 2.5 Million)** for ad space and editorial coverage that increased our media outreach and corporate visibility
 - Revamping the **sponsor relationship management methodology** to increase sponsor involvement and ensure satisfaction and positive feedback at the end of the year
 - As a part of the core team of 21 members, conceptualized and executed the first ever TEDx in IIT Bombay
 - Actively involved in the association with various social foundations for **Eureka! Social**
- **Co-ordinator, Operations, The Entrepreneurship Cell 2010-11** [July 2010-Feb 2011]
 - Conducted 4 E-Garage sessions, Pitch It, freshmen orientation and an interactive session with Gul Panag (leading actress) and Raghu Ram (Senior Producer, MTV India)
 - **Handled operational work** like venue permissions, stage setups etc. throughout the period
 - Was responsible for the **complete security of E-Summit 2011**
 - Conceptualized the corporate lounge for E-Summit 2011, as leisure and networking arena for the corporates attending the summit
 - Was responsible for **Food & Beverage Marketing** for E-Summit 2011
- **Co-ordinator, Hospitality, Techfest 2011** [July 2010-Dec. 2010]
 - Was responsible for managing accounts and finance for the 3 days of the festival in IIT Bombay
 - **Compiled a database of companies** in the food and beverage sector as a part of food & beverage marketing under Hospitality

COMPUTER SKILLS

- *Programming Languages* : C++, Java
- *Prominent Software* : MS Office, SCILAB, SEQUEL, MATLAB

ACADEMIC PROJECTS

- **Electronic Roulette Wheel** [Jan 2011-April 2011]
Guide: Prof. Rajesh Gupta
 - Simulated the wheel of the casino game “Roulette” on an electronic circuit board, using a set of 36 LED’s arranged in the form of a matrix
 - Controlled the speed of rotation and ensured randomness of number using a spin switch
- **Solar Cooker (Based on stored solar energy)** [Jan. 2010-April 2010]
Guide: Prof. Rangan Banerjee
 - Designed a solar cooker in which **energy can be stored** during the day and can be re-used at night to cook food
 - Utilized pebbles as storage medium and air as heat transfer medium
- **Mini UID Project (Using C++)** [July 2009- Nov. 2009]
Guide: Prof. Deepak Phatak
 - Developed software which could **detect finger prints** of a person and give them a **unique identification number**
 - The software is currently being used to record attendance of students while in IIT Bombay
 - **Co-ordinated with a group of 5 students** and was responsible for work distribution and compilation

WORK VISITS

- **Water Distribution Network (IIT Bombay):** Analysed the water distribution system and proposed a plan which could reduce water wastage
- **Electricity Distribution Network (IIT Bombay):** Analysed the electricity distribution network and submitted a report on load management
- **Tata Power Plant, Trombay:** Visited the plant and discussed the electricity generation process with the plant authorities

RELEVANT COURSES

- **Mathematics:** Linear Algebra, Differential Equations, Calculus in one and several variables, Numerical analysis
- **Humanities and Economics:** Macro and Micro Economics, Data interpretation and analysis, Environmental Studies: Science and Engineering
- **Core Department Specific:** Thermodynamics and Energy conversion, Fluid Mechanics, Heat and Mass Transfer, Combustion Engineering*, Electrical energy systems*, power generation and system planning*, Material science for energy application
- **Electives:** Marketing Management, Operations Management, Accounting and Finance, Psychology, Philosophy of mind
(courses marked * will be completed by May 2012)

EXTRA-CURRICULAR ACTIVITIES

- **Performing Arts Festival 2011**
 - Worked enthusiastically in the production and dramatics of PAF 2011, as a part of the team consisting of hostels 4, 9 & 14
 - Was awarded **PAF Special Mention** for my contribution in PAF 2011
- **NSO (National Sports Organisation):** Completed a 1 year course in Cricket
- Participated in various Intra and Inter School Debates, Elocution and Quizzes