

SCHOLASTIC ACHIEVEMENTS

- Currently fast-tracked for the **Undergraduate Research Award, IIT Bombay**
- Awarded the Ramanujan Math Scholarship given to **10 students in the state** by the National Board of Higher Mathematics
- Awarded CBSE **0.1% merit certificate** for excellence in Mathematics in AISCSE 2010
- Received HRD ministry scholarship for securing a **state rank of 9** in AIEEE 2010
- Secured a rank of **1744** in IITJEE 2010
- Stood **9th** in the western zone in Class X CBSE Board Examinations

KEY ACADEMIC PROJECTS

Anode Optimization using multi-core processors (Guide: Prof Gururajan) (Summer term 2012)

- Studied the use of Anode Optimization techniques to curb galvanic corrosion in industrial processes
- Developed **pioneering** Anode Optimization software for **industrial use** to contain galvanic corrosion
- **Co-authored a research paper** on “Software development exploiting Graphical Processing Units”, Prof MP Gururajan, Suman Rao, Saurav Pethe (publication awaited)

Modelling of Microstructural Evolution of Snow (Guide: Prof Gururajan) (Aug '12 to present)

A research project of the Computational Lab(MEMS) under the aegis of the IRCC, IIT Bombay

- Presently studying the multiphase microstructural evolution of snow precipitation systems
- In charge of **developing software for modeling** the same using contemporary processing devices like the Compute Unified Device Architecture
- Fast-tracked for **Undergraduate Research Award** for previous and ongoing work in the field of CUDA

POSITIONS OF RESPONSIBILITY

Editor, InsighT, IIT Bombay's Student Media Body (Mar '12 to present)

- Consolidated internship and career review blogs, consistently **received thousands of hits per article**
- **Radically transformed** article research **using RTI** to investigate problems in construction projects
- Launched a new social media app-enabled website; **recorded 10,000 hits in a week**
- **Introduced Instant Messaging** on the website to facilitate live news by campus residents; a **first** for any Indian student media body
- **Planned and hosted** various high-profile talk shows and faculty columns generating tremendously well-received content at an average frequency of once a week

Core Team Member, 3rd IIT Bombay National Debate Championship (Apr'11 to Oct'11)

- Jointly **secured** a total sponsorship amount of **Rs 4.5 Lakhs (40% increase)**
- **Managed** the complete accommodation and transportation logistics of **300 participants**, including high profile international guests

Joint student in-charge, English, Intensive Programme for Entrants

- Joint student in-charge of improving English proficiency of students admitted into the Intensive Program for Entrants at IIT Bombay
- Helped achieve **significant median academic grade improvement** among the students with weak academic and/or linguistic proficiency

Hostel Debating Secretary

(Mar '11 to Apr '12)

- **Led** Hostel 2 to be recognized as the hub of debating activities on campus in the year 2011
- **Insituted** informal and rapid debating activities and other allied oratory activities
- **Revamped and digitalized** the hostel library management and inventory procurement

Mentor, Avanti Fellows

(Apr '11 to present)

A Pan-IIT Alumni Initiative; Winner of Stanford Social E-Challenge

- Personally and over-archingly responsible for the academic and social growth of three bright underprivileged students for IITJEE 2013
- Aided the fellow search programme to identify bright underprivileged students in Mumbai for induction into the Avanti fellowship

Coordinator, Mood Indigo '11

- **Conceptualized and** executed the Mood Indigo Debate 2012, secured a high quality adjudication pool and **achieved 50% increase in participation**
- **Introduced** competitive **British Parliamentary Debating** to IIT Bombay

EXTRACURRICULAR ACTIVITIES

Asian Circuit Debater

- **National Semifinalist** in Inter University Debating (hosted at NALSAR, Hyderabad, April 2011)
- Featured in the pan-Asian list of **Top 50 Debaters**
- Represented IIT Bombay at the **United Asian Debating Championships, Kuala Lumpur**
- **Breaking adjudicator twice** at national level intervarsity tournaments
- Won several collegiate prizes in debating- **first** at the **Mood Indigo Debate tournament 2010**

Journalism

- Freelance journalist for **Indian Express**, **published two articles**
- Published articles in '**Raintree**', IIT Bombay's official tri-annual magazine
- Cub reporter for **Times of India**, Ahmedabad

WORK EXPERIENCE

Consultant, IITian's PACE

- **Planned** the evolution of the curriculum material of IITians PACE to keep up with contemporary trends in education through niche and advanced **audio-visual content**
- Worked in a **curriculum material revision team** to reshape the study content and keep them in line with changing patterns of the IITJEE