ACADEMIC HONORS & ACHIEVEMENTS

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| * Secured **AIR 6424** among **400**,**000** students in IIT – JEE 2009 | **(2009)** |
| * Awarded the **Top 10 Students Certificate in the All India Junior Mathematics Olympiad** organized by **Department of Atomic Energy** | **(2007)** |
| * Awarded the **Prestigious Maharashtra Talent Level Scholarship** for a meritorious Performance * Secured **State Rank 4 in 5th International Level Science Talent Examination** organized by Putani Vignana | **(2006)**  **(2003)** |

LEADERSHIP AND ORGANISATIONAL EXPERIENCE

**MANAGER, HOSPITALITY, TECHFEST 2012**

*Food and Beverages* **(***April ‘11 – till date)*

* Part of the **22 member core team** responsible for the conceptualization and execution of Techfest, Asia’s largest college science and Technology festival, granted Patronage by UNESCO, with a budget in excess of **INR 13 Million** in 2011
* Conceptualized an **International Level Robotics Challenge** inviting participation from renowned international universities from Australia, Thailand and Sri Lanka

**COORDINATOR, MARKETING, TECHFEST 2012 *(****March ‘10 – Feb ‘11)*

* Handled Pre-events Dealing, Branding and Campus Promotion for 3 Sponsors
* Selected as the Next Core Group Member Of Techfest 2012, on the basis of work done

**STUDENT PRESIDENT, ATOMIC ENERGY JUNIOR COLLEGE** (July ’08 – April ’09)

* Elected as the Student’s President by the Students and Teachers of Atomic Energy Junior College to manage and head the cultural and sports activities
* This was the first time a Student’s Election was organized in the history of the college for promoting democracy and acquainting Student’s with election Procedure

PROJECTS

**PRODUCTION OF AEROGEL**

*Guide: Prof. Ajay S. Panwar (Jan ‘11 – till date)*

* Part of a team of 7 students to start the synthesis of **Aerogel** *(lightest substance ever known with excellent thermal insulation and mechanical properties)*
* Built a **Supercritical Dryer** *(high pressure equipment)*that is essential in the processing of Aerogels
* First ever attempt in India to synthesize Aerogels at the Undergraduate Level

BRIDGE MODELING : MILLAU VIADUCT *(World’s Tallest bridge)*

*Guide: Prof. K Narasimhan (July ’10 – Nov’10)*

* Quantified the characteristics of materials that can be used for building a bridge of said specifications
* Examined the contribution of different components of a bridge in its functionality and strength
* Fashioned a miniature model of the Millau Viaduct Bridge depicting its various structural components

HEAT TRANSPORT SIMULATION

*Guide: Prof. Vishwanathan (July’10 – Nov ’10)*

* Simulated a Heat Transport Model Using Matlab. Model Developed gave an error of 1% as compared to actual simulation module

**UNIQUE ID PROGRAM**

*Guide: Prof Deepak Phatak*  **(***July’09 - Nov ‘09)*

* Programmed the layout of the User Interface to be used to take input data of Personal Details, Fingerprints from the applicant and store them in the central database using C++.
* The same program is being used in the current biometric system of ID cards in IIT Bombay

SOFTWARE PROFICIENCY

* Operating System : Windows, Ubuntu
* Software : Microsoft Office, Adobe
* Programming Languages : C/C++

EXTRA CURRICULAR ACTIVITIES

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| **CULTURAL** |
| * Stood Second in the Sweden India Nobel Quiz , organized by the embassy of Sweden, Held at IIT Bombay * Stood Second in the All India -TATA Centenary Quiz West zone in the year 2007 * Awarded the **Word of Appreciation Award** for significant contribution in the **Hostel cultural Activities** which lead to winning of Cult General Championship in 2010-11 * Selected as the contingent Performer from IIT Bombay to perform Street play in Mood Indigo 2009 and Mood Indigo 2010, Asia’s Largest Colege Cultural Festival |
| **SPORTS** |
| * **District level Table Tennis Player** for three consequent years **from 2003 to 2005** * Part of the Hostel Table Tennis team who won the Table Tennis General Championship for the year 2010-2011.   COURSES UNDERTAKEN  **Department Courses**: Structure of materials, Mechanics of Materials, Transport Phenomenon, Thermodynamics of Materials, Kinetics of processes, Phase Transformation, Ceramics and Powder Metallurgy, Theory of Machines and Machine Design, Introduction to Electrical Engineering and Electronics.  **Other Important Courses**: Data analysis and Interpretation, Calculus, Linear Algebra, Differential Equations, Economics, Computer programming and Utilization, Organizational Behavior and Implications for Management |