

## **SCHOLASTIC ACHIEVEMENTS**

- **All India Rank 231 in AIEEE 2011 (out of 11, 00,000 applicants)**
- **All India Rank 1242 in the IIT-JEE 2011 (out of 4, 50,000 applicants)**
- **Merit Certificate (Mathematics):** Awarded to top 0.1% of students appearing in CBSE Class X Board Examinations
- Selected for the **Indian National Mathematics Olympiad (INMO)** after **outstanding performance** in the Regional Mathematics Olympiad (RMO)
- Selected for the prestigious **KVPY scholarship** in class XII
- Scored **Perfect Score** of 2400/2400 in **SAT II**
- Selected for the **Scholarship of Junior Science Talent Search Exam (JSTSE)**

## **PROJECTS**

- **Basic Electric Drum:** *May – June 2012*  
  
Under the Guidance of ITSP, designed and assembled a Basic Electric Drum using **Force sensors** (Peizo Sensors) and **Micro-controller** (Aurdino)
- **RC Plane:** *Jan – April 2012*  
  
Worked with a team of 2 towards designing and building an RC plane.
- **Customer Forum for Departmental Stores:** *Aug – Nov 2011*  
  
(Under the guidance of Prof. Deepak Phatak )  
  
Successfully co-ordinated with a **group of 6 students** and made a Costumer Forum for Departmental stores using C++
- **Robocon:** *Sept 2011*

Worked with a team of 3 and successfully made a robot which could pick up blocks and place them in desired places

## **COMPUTER SKILLS**

- **Programming Languages:** C++, Wordpress, Python
- **Operating System:** Windows, Linux and Mac
- **Prominent Software:** Solidworks, Sony Vegas, MS Office

## **POSITION OF RESPONSIBILITY**

- **Class Representative** *April 2012 - Date*

Currently working as Class Representative for the Aerospace Department Batch of 2011 of 63 Students

- **Co-ordinator, Mood Indigo 2012, IIT Bombay** *Aug 2012 - Date*

Mood Indigo is Asia's largest College Cultural Festival

- **Co-ordinator, Techfest 2012, IIT Bombay** *Aug 2012 - Date*

## **EXTRA CIRRICULAR**

- **NSO (National Sports Organisation):** Completed a 1 year course in Football and got selected for the NSO team
- Played in IFL (Institute Football League) and FPL (Four Premier League)
- Participated in the Performing Arts Festival (P.A.F) 2012
- **Taekwondo:** Awarded with **Black** belt in Taekwondo
- **Hobbies:** Football, Table Tennis, Hockey, Chess, Badminton and Swimming

## **RELAVENT COURSES**

Data Structures and Algorithms (*Minor*)\*

Fluid Mechanics\*

Aircraft Measurement Laboratory\*

Engineering Design\*

Economics

Introduction To Flight Mechanics

Differential Equations

Differential Equations II \*

Solid Mechanics \*

Data Interpretation and Analysis

Introduction to EE

Chemistry

Calculus

Engineering Drawing

(\*Courses to be completed by November 2012)