SCHOLASTIC ACHIEVEMENTS

1. Secured **All India Rank of 1378** among more than 4,00,000 students who appeared for **IITJEE** 2010 [2010]
2. Was awarded **NTSE Scholarship** which given to top 1000 students throughout the country [2007]
3. Was awarded **Silver Medal** in Homi Bhabha Bal Vaidnyanik Exam [2003]
4. Secured **State Rank of 7** in Maharashtra state and **District Rank of 1** in Mumbai district in Scholarship Exam [2001]

INTERNSHIP

1. **National Aerospace Laboratory (NAL)** [May 2013 – June 2013]
   - Worked in Flight Mechanics & Control Division
   - Worked on High Altitude Airship
   - Build 6-dof Simulink model of airship
   - Simulated results

KEY ACADEMIC PROJECTS

1. *Ornithopter* [December 2011 –till date]
   - Ornithopter is an **aircraft** which flies with **flapping wing mechanism**
   - Leading the team to **make working model** of **Ornithopter** under **Technovation**
2. *Electronics Club Summer Project* [May 2011 – June 2011]
   - Successfully completed **Contactless Tachometer**
   - Made a working model which will measure revolutions per minute (rpm) of a motor
   - Was involved in **designing** and making of **electrical circuits**
   - Exhibited in **Institute Tech Exhibition**

EXTRA-CURRICULAR PROJECTS

1. *Remote Controlled Airplane* [January 2011]
   - Successfully made **RC Plane**
   - Participated in **Mach Infinity**, a competition in **Zephyr**, annual Technical festival of Aerospace Engineering Department
2. *Robocon* [September 2011]
   - Made a **Robot** which will **lift given box** and **place** it at desired location
   - Participated in **Intracollege Robocon competition**

POSITIONS OF RESPONSIBILITY

1. *Department Alumni Secretary*   [July 2011 – June 2012]
   - Worked as a part of **Aerospace Engineering Association** and **Student Alumni Relationship Cell**
   - Worked for **connecting Alumni** to the Department
   - Successfully executed **Student Alumni Meet** and **Institute Alumni Day**
   - Involved in **Reunion of Alumni**
2. *Technovation Project Manager*   [December 2011 –till date]
   - **Leading a team** to make **working model** of **Ornithopter** under **Technovation**
   - **Ornithopter** is an **aircraft** which flies with **flapping wing mechanism**
3. *Convener, Mountaineering and Wild-life Club*   [January 2012 – till date]
   - **Re-established** Mountaineering Club
   - Wrote **Constitution** for the club
4. *Tech Mentor*   [August 2011 – February 2012]
   - **Mentored 28 students** to build a wireless **Remote Controlled Car**
   - **Mentored 16 students** to build a **Line-Following Robot**
   - **Mentored 8 students** to build **Remote Controlled Air-Plane**
5. *Coordinator, Entrepreneurship Cell*   [July 2011 – February 2012]
   - Worked with **Marketing Team** of Entrepreneurship Cell

EXTRA-CURRICULAR ACTIVITIES

1. *Mountaineering*
   - Successfully **climbed Mt. Friendship (5289 m)**   [June 2012]
   - Successfully completed *Advance Mountaineering Course* with *"A" Grade* and **Basic Mountaineering Course** with **"A" Grade** conducted by Atal Bihari Vajpeyi Institute of Mountaineering and Allied Sports, Manali, Himachal Pradesh   [June 2011 & June 2012]
   - Successfully **climbed 5 Pinnacles in Sahyadris**
   - Involved in **Trekking Activities in Sahyadris** since **last 7 years**
2. Interested in **Hindustani Classical Music, Rock Climbing and Wild-life**
3. Involved in **Udaan**, a group that tries to reach to unprivileged students to give them basic understanding of **flight and career guidance**
4. Performed **Flute** in in an Indian band competition during **Freshizza**, an annual cultural series of events for fresher's at IIT Bombay   [September 2010]
5. Awarded **'B' Certificate** in **NCC**

TECHNICAL SKILLS

1. Programming Languages : C++, MATLAB
2. Operating Systems : Windows, Linux
3. Application Softwares : MATLAB, SolidWorks, Cantera