



**Akash Malhotra**  
**Mechanical Engineering**  
**Indian Institute of Technology, Bombay**  
**Specialization: Computer Integrated Manufacturing**

**10D100020**  
**UG Second Year**  
**Male**  
**DOB: 27/07/1991**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	8.29
Intermediate/+2	CBSE	DAV Centenary Public School	2009	85.00
Matriculation	CBSE	St. Anselm's Sr.Sec. School	2007	87.00

### Academics Achievements

- Was among the **top 0.13% (All India Rank – 615)** of the 4.75 lakh students who appeared for IIT-JEE 2010
- Was among the **top 0.22% (All India Rank – 2523)** of the 11.5 lakh students who appeared for AIEEE 2010

### Projects undertaken

- Cubic Equation Solver** (Software) in C++ [2011]

**Guide: Prof. Rushikesh K. Joshi** (Department of CSE, IIT Bombay)

Developed a program that solves a cubic equation over real numbers completely by determining all 3 of its real or complex roots using the Cardano's method

### Positions of Responsibility

- Worked as an **Organizer** in **Techfest 2011**, Asia's largest technical festival [Dec 2010 – Jan 2011]
- Worked as an **Organizer** in **Mood Indigo 2010**, Asia's largest Cultural festival [Nov - Dec 2010]
- Marketing Coordinator** in **Entrepreneurship Cell**, IIT Bombay [Jul 2011 – present]
- Managing the **Marketing** of **Eureka 2011**, Asia's largest Business Plan Competition organized by E-Cell, IIT Bombay [Aug 2011-present]
- Events Coordinator** in **Techfest 2011** [May 2011 – present]

### Computer Proficiency

- Languages** - C, C++, Visual Basic
- Operating Systems** – Microsoft Windows (95/98/2000/XP/Vista/7), Linux (Ubuntu, Fedora), Macintosh
- Softwares** - MS Office, Adobe Photoshop, Sony Vegas

### Courses Undertaken

#### Department Related Courses

- Engineering Mechanics
- Solid Mechanics\*
- Thermodynamics\*
- Strength of Materials\*
- Fluid Mechanics\*
- Manufacturing Processes I\*
- Engineering Graphics and Drawing
- Mechanical Workshop Practice

### Lab Courses

- Solid Mechanics Lab
- Manufacturing Practice Lab
- Physics Lab
- Chemistry Lab

### Additional Courses

- **Mathematics:** Calculus, Linear Algebra, Differential Equations, Data Analysis and Interpretations, Numerical Analysis\*.
- **Physics:** Modern Physics, Engineering Mechanics.
- **Humanities and Economics:** Economics
- Introductory courses in **electrical engineering\***, **computer programming and Material Sciences\***.
- **Structural Geology\***

### Extra-Curricular Activities

#### Adventure Sports

- Was Awarded a **B-Grade Certificate** and Ranked as Cadet by **National Cadet Corps (NCC)**, 2-Mah Engr Regiment NCC, IIT Bombay.

#### Technical

- Constructed an **RC Wireless Remote controlled car** which completed the F-1 Car Racing (organized by Technic Club IIT Bombay) Track in 68 secs.
- Constructed a **Line following robot** under the guidance of Technic Club, IIT Bombay.

#### Cultural

- **Part** of Hostel2 **winning Performing Arts Festival** (largest Inter-Hostel Cultural Competition) (PAF)-2011 team. [2010-11]

#### Drama

- Stood **third** in **Impromptu Dramatics** , organized under Freshizza-2010 [Sep 2010]

#### Media

- Made a **short movie** named *Rouge* which bagged **fourth** position in **Movie Making Competition** , organized under Freshizza-2010 [Sep 2010]

### Declaration

I hereby declare that the information given by me is true to the best of my knowledge.

**AKASH MALHOTRA**

