



**Ekansh Bansal**  
**Mechanical Engineering**  
**Indian Institute of Technology, Bombay**

**100110041**  
**UG Second Year**  
**Male**  
**DOB: 30/05/1992**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	9.52

#### EXPERIENCE

- **B-ABLE (BASIX Group)** [Dec'11]
  - Worked on the project of **Competitive Analysis of the Vocational Training Companies in India** included the deep research on industry parameters and building a strategic plan for expansion of B-ABLE.
- **ITC PRIVATE Limited** [May'11 to July'11]
  - Worked in **HR department** and completed a **project on the Employee Handbook**.
  - Worked in **Finance Department** and completed a **project on Financial Analysis and Comparison** of financial years 2010 and 2011.

#### SKILLS:

C++  
C  
MySQL  
Python  
Matlab  
Adobe Photoshop  
  
Linux  
Windows OS

#### SCHOLARSHIP AWARDS

- **Branch Change** from **Metallurgical Engineering and Material Sciences** to **Mechanical Engineering** after the first year(offered to only top 5% students)
- Currently Department Rank 3.
- Was in top 200 students All Over India in **Indian National Physics Olympiad**.
- Secured **All India Rank 2** in **National Science Olympiad** organized by SOF.
- **State Rank 2** in **Ramanujam Mathematics Olympiad** in 12<sup>th</sup> standard held in Delhi.
- Awarded **Merit Certificate** for being in **0.1% students All Over India in Mathematics** in 10<sup>th</sup> standard.

#### PROJECTS

- **Escape Velocity Simulation:** Simulation project in a variable gravitational field system.
- **Hydrophobic Surfaces:** Analysis of hydrophobic nature of various surfaces and created a model.
- **Formula 1:** A RF controlled car which has to traverse a course with various obstacles.
- **Line Follower:** A robot car which follows a line automatically using signal reception technique.
- **Library Record Keeper:** A C++ project to keep dynamic records of books.

#### ACTIVITIES AND RECOGNITIONS

- Active Student Member: **Institute Newsletter Insight**, **Speaker's Club** and **Fourth Wall**(DramaClub)
- Enacted in **Sophomore Production:** A dramatics platform managed only by Sophomores
- Was a part of **12 hour Marathon in Swimming:** Swimmithon 2010
- Was a member of **National Sports Organization** in Swimming.
- **Represented Hostel7** in various **General Championships** such as Squash, Swimming, Badminton.
- An adjudicator trainee in the **IIT Bombay National Debate**.
- Achieved **2<sup>nd</sup> position in group dance** competition in **Freshizza** (First Institute Fresher's night).

#### LEADERSHIP

- **Organiser** of **3<sup>rd</sup> IIT Bombay National Debate**.
- **Social Secretary** of Hostel 7.
- **Teacher Assistant** for the course Electricity and Magnetism.
- **Coordinator Techfest'12:** Management and organization of **Robowars** and **Elixir** events.