



**Neha Innanje**  
**Aerospace Engineering**  
**Indian Institute of Technology, Bombay**  
**Specialization: None**

**100010047**  
**UG Third Year (B.Tech.)**  
**Female**  
**DOB: 03/02/1993**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	6.71
Intermediate/+2	Andhra Pradesh Intermediate Education Board	Sri Chaitanya Junior Kalasala	2010	95.20
Matriculation	Andhra Pradesh State Secondary Education Board	Dilsukhnagar High School	2008	93.83

## SCHOLASTIC ACHIEVEMENTS

- Secured All India Rank of **738** in the prestigious **IIT-JEE**, among 4.72 lakh students. (2010)
- Secured AIR **33** in **AIAEE**, AIR **1159** in **AIEEE** and scored **410/450** in **BITSAT** to secure a position in the top 20 rankers in India. (2010)
- Secured State rank **206** in **EAMCET**, conducted by Andhra Pradesh Education Board. (2010)
- Secured AIR **13** in **NSTSE** conducted by the Unified Council. (2010)
- Recipient of the **Rudra Memorial Award** for outstanding performance in the 7<sup>th</sup> and 10<sup>th</sup> board exams among 2000 aspirants. (2005 and 2008)
- Awarded a full fee waiver in the 11<sup>th</sup> and 12<sup>th</sup> standard for excellent academic standing. (2009 and 2010)
- Awarded the Merit cum Means scholarship at IITB. (2010- till date)

## POSITION OF RESPONSIBILITY

- **Hostel Music and Dance Secretary** (2011-2012)
- **Coordinator** (2011 & 2012)
  - Working as Coordinator, EVENTS, **TECHFEST 2012** - the technical festival of **IITB**.
  - Working as Coordinator, COMPETITIONS and INFORMALS, **MOOD INDIGO 2011** - the cultural festival of **IITB**.
- **Coordinator** of Krittika, the Astronomy Club at **IITB** (2011-2012)

## COURSE PROJECTS UNDERTAKEN

- **Project in C++** under Prof. R.K. Joshi
  - Developed a software to mimic the game **UNO** using **C++** and **FLTK** as a part of a course project (Spring 2011)
- **Project in Engineering Design** under Prof. P.M. Mujumdar, Prof. K.Sudhakar and Prof. Hemendra Arya
  - Developing a system to dispose plastic materials from Home and packaging material from departments in IITB. (Autumn 2011)

## COURSES UNDERTAKEN

- **Theory Courses**
  - **Core Courses**
    - Introduction to Aerospace Engineering (Spring 2011)
    - Introduction to Engineering Design, Solid Mechanics (Autumn 2011)
    - Thermodynamics, Fluid Mechanics, Aerospace Structures (Spring 2012)
  - **Maths Courses**
    - Calculus (Autumn 2010)
    - Linear Algebra, Differential equations I (Spring 2011)
    - Differential equations II, Basic Algebra (Autumn 2011)
    - Numerical Analysis (Spring 2012)
  - **Other Courses**
    - Economics, Electricity and Magnetism, Data Analysis and Interpretation (Autumn 2010)
    - Chemistry, Computer Programming and Utilisation (Spring 2011)
    - Introduction to Electrical and Electronic Circuits (Autumn 2011)
- **Laboratory Courses**
  - Physics Lab, Engineering Graphics and Drawing (Autumn 2010)
  - Chemistry Lab, Workshop Practice (Spring 2011)
  - Aerospace Measurement Laboratory, Experimental and Measurement Laboratory (Autumn 2011)

**PROGRAMMING SKILLS**

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- Can program effectively in **C,C++,Visual Basic,HTML-CSS,Python,PHP ,cake PHP and Javascript.**
- Have sufficient knowledge of **Free and Open Source Softwares (FOSS)** like **Scilab and Sage.**
- Can handle both **Windows** and **Linux** Operating systems.
- Was among the **30** students selected by **Infosys** for their **Catch Them Young** programme in 2006 and was trained in VB,HTML,Unix etc.

**TECHNICAL ACTIVITIES**

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- Built an **RC car** as part of a competition in **IITB.** (Autumn 2010)
- Built an **RC plane** as part of an Aeromodelling club in **IITB.** (Spring 2011)
- **Tech Mentor** for the freshers for the RC car competition in 2011 at IITB. (Autumn 2011)

**EXTRA CURRICULAR ACTIVITIES**

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- **Sports:**
  - Successfully passed NSO 101 and NSO 102 courses in **Athletics.**
  - Was a member of the **inter IIT Athletics team-2010** representing **IITB** at **Inter IIT Sports Meet – 2010** at Delhi.
  - Play a lot of other sports like Football, Cricket, Squash, Badminton, Tennis, TT, Swimming etc.
  - Represented the school in all the sports meets in the city.
- **Dance:**
  - Was part of the dance troupe that performed at the prestigious Arts Festival-**Kalaghoda**, 2011 representing IITB.
  - Member of the Choreography team and performed in all the dance sequences in **Performing Arts Festival, 2011** which won **2<sup>nd</sup> Position.**
  - Was awarded the **PAF colour** for the same in 2011.
  - Was part of the Dance Troupe representing **IITB** in **Malhar**, the college festival of St.Xaviers' in 2010 and 2011.
  - Was awarded the **Hostel Freshmen of the Year – Cult** (2010-2011) for actively participating in the cultural activities representing the hostel and the institute in many events.
  - Learnt **classical dance** for a period of **11** years, giving about **100** performances over the duration and competing in the **All Indian Music and Dance Competition** thrice.
  - Know various forms of dance like Hip-hop, Salsa, Contemporary, B-boying, Folk, Bollywood etc.
  - Performed **4** times in the **International Children's Film Festival**, twice each in 2006 and 2008.
- **Music:**
  - Learnt **Classical Music** for 2 years.
  - Learnt playing the **Synthesiser** for a year.
  - Was part of a band representing the Hostel in **Freshiezza-2010** at **IITB.**
  - Was part of a band that performed in **Acoustic Dusk**, a western musical event in **IITB.**
- **Literature:**
  - Part of the **Insight** group, the campus newsletter at **IITB.**
  - An avid **writer** and participated and won in many **district** level competitions on **Essay writing.** **Runner up** in **National Level Essay** competition conducted by **Project Management Institute (PMI).**
  - A good **orator** and have won many elocutions and extempore competitions in the city.
  - A voracious reader, mainly concentrating on fiction and biographies.
- **Martial Arts:**
  - A **Brown - 1 Belt holder** in **Shotkan** dojo of **Karate**
  - A **Black Belt holder** (Level-1) in **Jeet Kune Do**
  - Have participated in various meets and won at State level tournaments.
- **Dramatics**
  - Directing and scripting a play in **Sophie Prod-2011** at **IITB.**
- **Others:**
  - Worked as **Organiser (Marketing and Events)** in **Techfest 2011**, the technical festival of IITB.
  - Work as a volunteer in **True India**, an NGO for providing quality education to underprivileged kids.
  - Lead the team that secured the **1st** prize for our presentation on the topic '**India – Vision 2020**', which also included a short movie made by us, among 200 entries, in a competition organised by **PMI** in 2008.
  - Used to teach underprivileged kids living in a slum nearby my house studying in Government Schools thrice a week.