

## Curriculum Vitae

### *Personal Information*

Name:	<b>Mayank Jha</b>
Father's Name:	Mr. Manoj Jha
Date of Birth:	1 <sup>st</sup> January 1985
Gender:	Male
Languages known:	English, Hindi, Gujarati
Academic Status:	3 <sup>rd</sup> Year, Chemical Engineering, IIT Bombay
Present Address:	Hostel 5, Room No 265, IIT Bombay, Mumbai – 400076
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### *Education*

Year	Institution	Examination/Discipline	Score
2004	Indian Institute of Technology, Bombay	2 <sup>nd</sup> Year, Chemical Engineering	8.09/10.00
2002	Jawaharlal Nehru School, Bhopal	CBSE XII (AISSCE)	90.6% (94.3% PCM)
2000	Jawaharlal Nehru School, Bhopal	CBSE X (AISSE)	86.8% (96.5% PCM)

### ***Academic Achievements***

- Cleared IIT-JEE 2002 with an All India Rank of 966 amongst over 150,000 applicants.
- Awarded **Certificate of Merit** by CBSE for standing amongst top 0.1% of successful candidates in 2 subjects (Physics and Computer Science) in AISSCE.
- Awarded the **National Talent Search Scholarship** by the Government of India.
- Was awarded the **Best All-rounder** of Madhya Pradesh in Class XI by The Hindustan Times.

### ***Olympiads***

- Won **Gold Medal** at the 6<sup>th</sup> International Astronomy Olympiad held in Crimean Astrophysical Observatory, Ukraine in 2001.
- Won **Gold Medal** at the National Physics Olympiad 2001 and attended the International Physics Olympiad Training Camp at HBCSE, Mumbai.
- Won **Gold Medal** at the 4<sup>th</sup> International Astronomy Olympiad held in Crimean Astrophysical Observatory, Ukraine in 1999.
- Won **Silver Medal** at the 5<sup>th</sup> International Astronomy Olympiad held in Special Astrophysical Observatory, Russia in 2000.
- This has been the best performance ever by an Indian at the International Olympiads (2 Golds and 1 Silver).
- Have been invited to give lectures at the **International Astronomy Olympiad selection-cum-training camp** for 3 consecutive years (2002-04). The Indian Team of 2003 was the winner at International Astronomy Olympiad held at Sweden.

### ***Extra-Curricular Activities and Achievements***

- **Lead Guitarist** in our band. Guitar player for my Hostel for all the Inter Hall events. Awarded Special Mention for the contribution to Hostel Activities.
- Won **3<sup>rd</sup> prize** in Western Vocals at 'Chaos 2004', IIM Ahmedabad.
- Delivered a lecture on 'The Big Family' (Our Solar System) in IIT Bombay, 2002.
- Selected as the National Semifinalist in the **Red Rover Goes to Mars Student Navigator Competition** organized by the Planetary Society, USA in 2001.
- Reached the Quarter Finals of **Bournvita Quiz Contest 1998**.

- Represented school in various city and state level quizzes on General Knowledge, Science, Astronomy, Philately, Archaeology and won several prizes.

### *Projects*

- **Course Project** - Calculation of Dew Temperature of a system using Virial Equations and the UNIFAC Liquid phase model.
- **Graph Plotter** - Made a Graph Plotter in Fortran which can plot graphs and apply mathematical transformations on it.
- **Magnetic Levitation** – Project done at Regional Research Laboratory, Bhopal to understand the principles of Magnetic levitation and initiate ideas on its usage.
- **Total Solar Eclipse 1999** – Calculated durations and other technical details. Went with a team of Scientists to Surendranagar, Gujarat to check the calculations.
- **Seminar Project** – Currently working on Network Analysis in Metabolic Pathways under Prof. K.V.Venkatesh, Dept. of Chem Engg, IIT Bombay.

### *Offices Held*

- **Project coordinator** in the Astronomy Club Telescope project at IIT Bombay.
- Was a **Student Facilitator** at the National Astronomy Olympiad selection-cum-training camp for the years 2002-04.
- Was the **School Captain** of Jawaharlal Nehru School, Bhopal in 2001-02.
- Worked as an organizer for Workshops at Techfest 2003.

### *Systems Experience*

- Operating systems: DOS, Windows 3.1/95/98/Me/2000/NT/XP, Unix, Linux, Solaris
- Languages: C++, Visual Basic, Oracle, Fortran, BASIC, HTML