



Shantanu Shahane
Mechanical Engineering
Indian Institute of Technology, Bombay
Specialization: Computer Integrated Manufacturing

10D100019
UG Second Year
Male
DOB: 02-02-1993

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	8.89
Intermediate/+2	Maharashtra State Board	P Jog Junior College	2010	83.00
Matriculation	Maharashtra State Board	Jnana Prabodhini Navanagar Vidyalyay	2008	92.61

Academic Achievements

- All India Rank **608** in **IIT Joint Entrance Examination** [2010]
- All India Rank **442** in **All India Engineering Entrance Examination** [2010]
- Cleared **Indian National Mathematical Olympiad** (35 students cleared) [2010]
Conducted by National Board of Higher Mathematics (NBHM) to judge skills in Under Graduate mathematics
- Cleared **Regional Mathematics Olympiad** [2010]
Secured Rank 2 in Maharashtra and Goa Region
- **Top 1%** in the state round of the **Indian Astronomy Olympiad** [2009]
- Recipient of **National Talent Search Examination** Scholarship (N.C.E.R.T.) [2008]
Awarded to top 1000 students across the country by Govt. of India
- Recipient of **Kishore Vaigyanik Protsahan Yojana** (KVPY) Scholarship [2008]
Awarded to top 200 students across the country by Govt. of India

Projects and Other Activities

- Awarded **Teaching Assistantship** [2011]
Guide: Prof. Sudhir R. Ghorpade (Department of Mathematics, IIT Bombay)
Provided an Honorarium of Rs 6000/- per month for taking a tutorial once a week of first year students for the course Calculus
- Part of IIT Bombay Team 'A' for **Robocon** [2011]
Guide: Prof. C. Amarnath (Department of Mechanical Engineering, IIT Bombay)
Team 'A' was amongst top 8 teams at the national level Robocon contest held at MIT Pune
- Developed **Cubic Equation Solver** (Software) in C++ language [2011]
Guide: Prof. Rushikesh K. Joshi (Department of CSE, IIT Bombay)
Solves a cubic equation over real numbers completely by determining all 3 of its real or complex roots using the Cardano's method (Team of 2 students)
- Attended **International Mathematics Olympiad Training Camp** (IMO-TC) [2010]
conducted by Homi Bhabha Centre for Science Education (**HBCSE**)
A camp of 30 days held at HBCSE, Mumbai for training students selected through Indian National Mathematical Olympiad
- Participated in 'Catch Them Young' event (**Infosys Technologies Ltd, Pune**) [2007]
A 15 days event organized by Infosys at Hinjewadi IT park Pune to train 100 students selected through an examination conducted by the company

Computer Proficiency

- **Language** C++, Java, CNC Programming (G-codes, M-codes), Javascript, HTML
- **Softwares** AUTOCAD, CATIA, ANSYS, MS Office, ERDAS(Image Processing)
- **Operating Systems** Windows, Linux(Ubuntu), Android

Courses Taken

Department of Mechanical Engineering

- Solid Mechanics
- Thermodynamics
- Strength of Materials
- Fluid Mechanics
- Manufacturing Processes I
- Engineering Mechanics
- Solid Mechanics Lab
- Manufacturing Practice Lab

Minor in Department of Computer Science and Engineering

- Discrete Structures
- Data Structures and Algorithms

Other Departments

- Numerical Analysis
- Principles of Satellite Image Processing
- Introduction to Electrical and Electronics Circuits
- Engineering Metallurgy
- Experimental and Measurement Laboratory
- Computer Programming and Utilization
- Linear Algebra
- Differential Equations
- Chemistry
- Chemistry Lab
- Workshop Practice
- Economics
- Modern Physics
- Data Analysis and Interpretation
- Calculus
- Physics Lab
- Engineering Graphics and Drawing

Declaration

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

--- **Shantanu Shahane**