



Abhishek Sharma  
Electrical Engineering  
Indian Institute of Technology, Bombay

100100070  
UG Second Year  
Male  
DOB: 21-09-1992

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	9.88
Intermediate/+2	CBSE	Jawahar Vidya Mandir,Ranchi	2010	95.80
Matriculation	CBSE	Jawahar Vidya Mandir,Ranchi	2008	91.40

## SCHOLASTIC ACHIEVEMENTS

- **Institute Rank 4** after first year in **IIT Bombay** **2010-2011**
- **Institute Academic Prize, IIT Bombay**- awarded to **top 10** students by the Director, IIT Bombay **August 2011**
- Qualified **Indian National Physics Olympiad** for being among the **top 35** candidates and selected in the Orientation cum Selection Camp for International Physics Olympiad **2009-2010**
- **Pratibha Samman Award** from print media companies **Hindustan** and **Prabhat Khabar** for academic excellence **June 2010**
- **Certificate of Merit in computer science** from **CBSE** for being in **top 0.1%** among 7 lakh candidates in AISSCE (12<sup>th</sup> Board) **May 2010**
- **Certificate of Merit in science** from **CBSE** for being in **top 0.1%** among 8 lakh candidates in AISSE (10<sup>th</sup> Board) **May 2008**

## PROJECTS

**Compression Ignition Engine** **May 2011**

- Studied about the basic working of a **Compression Ignition Engine**
- Analysed the **emissions** for Karanja biofuel and compared it with diesel

**Line Follower Robot** **September 2010**

- Built a robot capable of tracking a path using Arduino microcontroller and infrared sensors
- Developed algorithm for the task

## POSITIONS OF RESPONSIBILITY

**Coordinator- Electronics Club, IIT Bombay** **2011-2012**

- Structuring and executing lectures, hands-on sessions and conducting Inter Hostel Competitions
- Mentored freshmen for technical competitions like RC car & line follower
- Strengthened participation in club activities

**Coordinator- Ozone, Techfest** **August 2011-January 2012**

- Organising Full Throttle- IC Engine car competition and ensuring the smooth running of on the spot events segment of the festival
- Introducing new competitions to the segment

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## RELEVANT COURSES

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<b>Mathematics</b>	Linear Algebra Differential Equations
<b>Electrical</b>	Network Theory Electronic Devices (Theory and Lab) Digital Systems (Theory and Lab) Analog Circuits (Theory and Lab)
<b>Computer Science (Minor)</b>	Discrete Structures

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## COMPUTER SKILLS

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<b>Programming</b>	C/C++
<b>Miscellaneous</b>	Linux, HTML/CSS

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INITIATIVE	June-July 2011
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- Established an **organisation Logic Gate** along with two students from IIT Delhi and IIT Kharagpur in my hometown Ranchi
  - **Conceptualised** and **spearheaded Impulse**: a three tier inter school **Quiz Competition** and **Aptitude Test** for classes **VI-XII**
  - Participation by **eight** top schools and over **2000** students in the preliminary round
  - **Collaborated** with academic institutions and print media, developed the question paper and **conducted** events during different stages of the competition
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## CO-CURRICULAR ACTIVITIES

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- **Third place** in **Microcontroller Reversing Competition** organised by Electronics Club, IIT Bombay **February 2011**
- Won **Brainvita Puzzle Championship** at **Radiance 2011**, the annual festival of Mechanical Engineering Department, IIT Bombay **March 2011**
- **Certificate of High Distinction** in **Australian National Chemistry Quiz** organised by **Royal Australian Chemical Institute** **2006**
- One year of **Violin** training at IIT Bombay **2010-2011**
- Achieved First Division in First Year examination in **Tabla**, conducted by Prayag Sangit Samiti, Allahabad **2002**
- Enjoy playing Lawn Tennis, Synthesizer and Trekking