	Kulshreshth Dhiman	100070059
	Electrical Engineering	UG Second Year
	Indian Institute of Technology, Bombay	Male
		DOB: 03/09/1992

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	8.68
Intermediate/+2	CBSE	DAV Public School, Kota	2010	91.00
Matriculation	CBSE	GAIL DAV Public School, Auraiya	2008	93.60

SCHOLASTIC ACHIEVEMENTS

- SPI of **9.45** in last semester.
- Secured **AIR 270 in** IIT JEE 2010.
- Secured **AIR 726** in AIEEE 2010.
- Was placed in centre top **76 out of 768** candidates enrolled in regional level HBCSE **Physics Olympiad** at centre DAV Public School, Kota in which 35,546 students were examined.
- **Certificate of Merit** in Science for being among top 0.1% students in CBSE 10th board Exam 2008.
- Secured in **AIR 437** in 12th class and **AIR 394** in 10th class in National Level Science Talent Search Examination (**NSTSE**) organised by Unified Council.
- Secured in **AIR 1636** in 12th class in National Science Olympiad (**NSO**) organised by Science Olympiad Foundation.
- **91.0 %** in PCM (physics + chemistry + maths) in CBSE 12th board exam (AISSCE 2010).
- **98.5 %** in maths + science in CBSE 10th board exam (AISSE 2008).

EXTRACURRICULAR ACTIVITIESAND INTERESTS

- Currently **Co-ordinator of Exhibitions** in **Techfest 2012**, Annual International Science and Technological Festival by Indian Institute of Technology.
- Was **Organiser of Infrastructure** in **Techfest 2011.**
- Completed course in **NSO basketball.**
- Love to play basketball, chess, football, cricket and swimming.
- Photography, listening to music, watching science fiction movies, documentaries.

PROJECTS

- **Pocket Tanks**
  - Designed weapons for Computer Programming and Utilization course project '**Pocket tanks**' using C++ and EzWindows API for C++.

- **Device opening**
  - Did term paper on **Optical Mouse** as course project of Introduction to Electronics and studied its various components and their working.

COURSES UNDERTAKEN

- **Department courses**
    - Introduction to Electrical Systems
    - Introduction to Electronics
    - Electronic Devices & Circuits
    - Network Theory
    - Signals and Systems
    - Analog Circuits
    - Electrical Machines and Power Electronics
    - Digital Systems
    - Fibre Optics Communications **(honors)**

- **Maths courses**
    - Calculus
    - Linear Algebra
    - Differential Equations
    - Complex Analysis
    - Differential Equations II

- **Other courses**
    - Computer Programming and Utilization
    - Electricity & Magnetism
    - Engineering Graphics & Drawing
    - Chemistry
    - Classical Mechanics

- **Lab courses**
    - Electronic Devices Lab
    - Digital Circuits Lab
    - Machines Lab
    - Experimental and Measurement Laboratory
    - Physics Lab
    - Chemistry Lab
    - Workshop Practice

PROGRAMING SKILLS

- C++, HTML and PHP.
- Designed personal webpage using HTML and CSS.
- LT spice
- Operating systems : Windows and Linux