Parul Maheshwari   **10D260001**
Engineering Physics   **UG Second Year**
Indian Institute of Technology, Bombay   **Female**
Specialization: Nanoscience   **DOB: 26/09/1992**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	8.16
Intermediate/+2	CBSE AISSCE	Kendriya Vidyalaya	2010	90.80
Matriculation	CBSE AISSE	Rachana	2008	91.40

ACADEMIC ACHIEVEMENTS

- Secured All India Rank 1091 i.e. to 0.20% of over 5 lac candidates who took the exam, in IIT-Joint Entrance Examination 2010
- Stood in top 0.1 percentile in CBSE secondary board in subject Mathematics in the year 2010
- Selected for Indian National Mathematical Olympiad (INMO) 2010 and secured state rank 6th in Regional Mathematical Olympiad (RMO)
- Selected for National Science Olympiad (National Level) and secured All India Rank 301 in year 2007 (IX standard)
- Secured All India Rank 9th in Indian National Cartographic Association (INCA) Map Quiz in year 2008 (X standard)
- Selected for participation in National Science Day Celebration at PRL, Ahmedabad.

PROJECT :

Development of a GUI based game using C++ and FLTK API (COURSE PROJECT)

For CS 101, under Prof R K Joshi **(March 2011)**

Developed TETRIS in fltk using GUI implementation

Non-Linear Dynamics Project and Presentation (COURSE PROJECT)

For PH 542, under Prof Punit Parmanada (Autumn 2011)

A study of non-linear dynamical patterns in happiness of people and hence chaotic behaviour in the same.

POSITION OF RESPONSIBILITY :

- Hostel Web Secretory:
  - Developing and updating the hostel website for all purposes
  - Maintaining the hostel google group and facebook with proper moderation.
  - A hostel council member, helped the council in events like :
    - Valedictory function for the passing outs
    - Welcome functions for the freshmen
    - Designing an online interface for hostel elections
- Organiser for Workshops in Techfest, IIT Bombay
- Web Coordinator for the Entrepreneurship Cell, IIT Bombay : part of a team that developed Virtual

Stock Market(VSM – a game which realizes the actual stock market including way to determine the current share prices for a particular company) for e-summit, the entrepreneurship festival, IIT Bombay.

- Coordinator for Competitions in Mood-Indigo-2011, IIT Bombay
- Convener for Rubik's Club IITB (CubeClub) : conducting workshops (for cube-solving algorithms) and various methods of cube-solving. The club team being a 12 group team is also working for a Guinness attempt in March 2012 where about 1000 people solve a Rubik's cube within 12 minutes.

TECHNICAL SKILLS :

C++/C, HTML, CSS, php , python , javascript, ajax.

Worked in photoshop, Matlab, Ltspice (circuit simulation), Eagle, Arduino IDE 22, Eclipse (for android app development).

COURSES UNDERTAKEN :

Core :

Classical Mechanics

Optics

Non Linear Dynamics

Modern Physics

Electricity and Magnetism

Waves & Oscillations & Thermodynamics

Quantum Mechanics I

Continuum Mechanics

Mathematics :

Calculus,   Linear Algebra,   Differential Equations – I,   Complex Analysis, Differential Equations – II, Introduction to Numerical Analysis

Electrical :

Introduction to Electronic Circuits

Others :

Digital Photogrammetry and GPS

Environmental Studies

EXTRA CURRICULAR ACTIVITIVES

Dram	Second in skit-performance in Quality Control Circle Forum at Vadodara level. Participated in dram-impromptu and street play at freshiezza (college fest) Co-director for sophie productions, IIT Bombay

Tech	Participated in Trackmania, a remote controlled bot making competition Participated in Line Follower, a line following bot making competition for freshers at the college Participated and reached semi-finals in LoopRush, the line following event at Techfest, IIT Bombay
Sports	Bagged bronze medal in 400m race and gold in 4 X 100m relay race (inter-house) in Annual Sports Day of the school
Others	Stood first in inter-school quiz competition in Vadodara city Second position in Hindi Debate at school level an RJ of the campus radio, IIT Bombay

I, Parul Maheshwari, hereby declare that all the information furnished above is true in the best of my knowledge.

4Th Jan, 2012