

CURRICULUM VITAE

Anindita Maiti

Undergraduate Sophomore

Engineering Physics, Specialization: Nanoscience

Indian Institute of Technology Bombay

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Examination	University/Board	Institute	Year	CPI(Out of 10)/%
2 nd Year 1 st Semester	IIT Bombay, India	IIT Bombay, India	2013-2014	8.12 Points
1 st Year 2 nd Semester	IIT Bombay, India	IIT Bombay, India	2012-2013	8.24 Points
1 st Year 1 st Semester	IIT Bombay, India	IIT Bombay, India	2012-2013	8.65 Points
Intermediate/+2Level	West Bengal Council Of Higher Secondary Education, India	South Point High School, Kolkata, India	2011	80.60%
Matriculation	West Bengal Board Of Secondary Education	Sakhawat Memorial Govt. Girls' High School, Kolkata, India	2009	90.38%

Academic Achievements:

- **All India Rank-1288 in IITJEE, 2012** amongst 10,035 qualified candidates and more than 500,000 examinees. IITJEE is one of the toughest competitive examinations in the world.
- Secured **AA Grade** or **10 Points** out of 10 Points Grading Scale in **1st year UG Chemistry Lab, 1st year UG Physics Lab, and Engineering Graphics and Drawing.**
- Qualified **Intermediate/+2** with **80.60%** marks from West Bengal Council of Higher Secondary Education, India. (2011)
- Qualified **Matriculation Examination** with **90.38%** marks and **96 percentile** from West Bengal Board of Secondary Education, India. (2009)

Projects and Training:

- **Non-Linear Dynamics and Chaos:**
Presented a project on **Non-Linear Behaviour of Coffee-Ring Effect** under Prof. Punit Parmananda (Aug. 2013) as a part of semester curriculum.
- **Optics:**
Completed a project on **Polarisation of Light and Lissajous Figure** as a part of semester curriculum. (Sept. 2013)
- **SimpleCPP Software** (Extension of C++):
Completed and presented a computer project on SimpleCPP software that uses **graphic functions** and **loop functions** extensively. (Nov. 2012).

Key Academic Courses Undertaken till February, 2014:

- **Physics:**

Quantum Mechanics 1

General Theory of Relativity

Mechanics of Continuous Systems

Non-Linear Dynamics and Chaos

Optics

Electricity and Magnetism

Waves and Oscillation and Thermodynamics
Classical Mechanics

Modern Physics

- **Mathematics:**

Linear Algebra

Multivariable Calculus

Ordinary Differential Equation

Partial Differential Equation

Complex Analysis

Numerical Analysis

- **Statistics:**

Data Analysis and Interpretation

- **Electronics:**

Electrical and Electronic Circuits

Analog Electronics Lab

Digital Electronics Lab

Technical Skills:

- **Programming Languages:** C++
- **Tools and Packages:** Wolfram Mathematica, MATLAB, LaTeX, Adobe Photoshop, MS Office, MS Word, MS Excel.
- **Operating System:** Ubuntu, Windows 7.

Positions of Responsibility:

- **Co-ordinator:** Co-ordinator of Compering Unit in **Lecture Series, TechFest 2013-14**, IIT Bombay. (Asia's largest Technological Festival)
- **Organiser:** Organiser and Compere in **Lecture Series, TechFest 2012-13**, IIT Bombay.

Extra-Curricular Activities:

- **Compering:** Compered in **Lecture Series, TechFest 2014** and **Lecture Series, TechFest 2013**, Co-ordinator of Compering Unit in **Lecture Series, TechFest 2014**.
- **Painting:** Winner of many inter-school drawing/painting competitions.
- **Singing:** **Rabindra-Sangeet Singer** (songs written and composed by Renowned Noble-Laureate and Poet Rabindranath Tagore); Fond of music
- **Quiz:** Winner of many inter-school quiz competitions

Areas of Interest:

- High Energy Physics
- String Theory, Quantum Field Theory