



Ananya  
Mechanical Engineering  
Indian Institute of Technology, Bombay  
Specialization: Mechanical Engineering

110020030  
UG Second Year  
Female  
DOB: 26/11/1993

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	8.99
Intermediate/+2	R.N.Tagore Public School	R.N.Tagore Public School	2010	93.23
Matriculation	R.N.Tagore Public School	R.N.Tagore Public School	2008	93.50

## ACADEMIC ACHIEVEMENTS

- Pursuing minor in **Computer Science and Engineering**
- Qualified for branch change option applicable on top **5%** students
- Awarded IIT Bombay **MCM scholarship** for excellence in academics
- **Topped** in Physics-Chemistry-Maths in **Rajasthan State Board** securing **98.88%**

## INTERNSHIP

**USER EXPERIENCE DESIGNER** [June-July '12]

*Kuchnaya is an online platform for creating and exploring interactive presentations*

- Worked as **UX designer** for Kuchnaya and gave the competitor's product reviews
- Conducted **Usability Testing** for their website helping in the **improvement of the user interface**

**MARKETING, ICLINIQ** [June-July '12]

*Icliniq is an online consultation facilitating platform between doctors and patients*

- Contacted doctors and patients for registering on Icliniq, online health portal

**PRINCETON-IIT FACULTY SURVEY** [May '12]

*Part of PhD project of Mr Dinesh Mistree, PhD Student, Department of Politics, Princeton University*

- Conducted a **survey** for **2000+ pan-IIT Faculty** to develop an insight on the difference in bureaucratic functioning (work culture, incentives) of Indian Govt. employees in IITs

## KEY ACADEMIC PROJECTS

**VIRTUAL LABS (SPONSORED BY MHRD)** [May -July '12]

- Virtual Labs is an all-India level initiative aimed at providing **remote-access to the labs and help the students learn the basic and advanced concepts through remote experimentation**
- Involved in making layout for the virtual experiments and designing lab-on-chip experiments

**NATIONAL MISSION ON EDUCATION THROUGH ICT** [June-July '12]

- Involved developing and modifying problems related to **Data Analysis and Interpretation**
- Problems will be **utilized by students and teachers** from other schools and colleges (e-learning)

## INDUSTRIAL VISIT

**SULPHURIC ACID PLANT ANALYSIS (Rashtriya Chemical Fertilizers Ltd, Mumbai)** [Jan '12]

- Visited RCF, Mumbai to **study the design and working of sulphuric acid plant**
- Prepared **report on flow processes and mass balances** in the plant

**BASF, GERMAN CHEMICAL COMPANY (Navi Mumbai Industry) VISIT** [March '12]

- **Among the top 40 students** selected for the plant visit after the BASF-IIT Industry Visit Quiz
- Saw the working of 7 chemical plants in BASF, Navi Mumbai

## POSITION OF RESPONSIBILITY

### WEB, IT AND PUBLICITY COORDINATOR, ACADEMIC COUNCIL

[Mar '12- Present]

*Creating, uploading and publicizing academic awareness videos as part of Academic Executive body.*

- Organised **UG Research Symposium** consisting of Poster Presentation by UG students
- Planning initiatives of the Academic council including **Book Bay** and **Institute Summer Projects**
- Coordinated two **video conferencing sessions** for apping

### VIRTUAL LABS COORDINATOR

[Aug '12- Present]

*Part of the Virtual Lab team aiming at development of remote triggered experiments*

- **Conceptualizing remote-triggered experiments** and learning aspects of coding them
- **Designing chips** for the lab-on-chip experiments

### STUDENTS ALUMNI RELATIONS CELL (SARC), COORDINATOR

[Aug '11-Present]

- Helped in **conducting Panel Discussions** and **Networking sessions** during SAM 2011
- Actively participated in the **Phonathons** involving calling Indian and US-based alumni of IITB

## EXTRA-CURRICULAR ACTIVITIES

- Won **1<sup>st</sup>** position in **Filmfest Subtitling Competition** of Silverscreen, Film Club IITB
- **Events, Public Relations and Corporate Relations Coordinator** in Entrepreneurship-cell, IITB
- Got **2<sup>nd</sup>** position in **Hindi Debating** in **Freshizza**, the inter-hostel competition of 1<sup>st</sup> year students
- Secured **3<sup>rd</sup>** position in **Gupshup** and **Gammat** (hindi literature events) in **Malhar**
- Made to **3<sup>rd</sup>** position in “**On a roll**” movie making competition by **Shamiana** in **Malhar**, biggest college fest of **St. Xaviers College**
- Awarded **6<sup>th</sup>** prize in **Digital Electronics Competition** held by Electronics Club, IIT Bombay
- Organizer in **Filmfest**, annual fest of Silverscreen, the Film Club of IIT Bombay
- Organizer in **Kaladarshan**, annual fest of Rang n Pixels, the Fine Arts Club of IIT Bombay
- Took care of hospitality of visitors from Turkey and Poland during Worldfest, Mood Indigo 2011
- Contributed in production set of institute's largest hostel **performing arts festival(PAF)**

## SOCIAL WORK

### GROUP FOR RURAL ACTIVITIES(GRA) VOLUNTEER

[Oct '11]

- Organized the **bicycle donation function** in which over 75 bicycles donated by IITB students were given to **students of Jawahar village**, near Thane
- **Visited the nearby rural areas** of Jawahar and had a close look at their life , the **problems being faced by them and the solutions**

## TECHNICAL PROJECTS

### LINE FOLLOWER AUTONOMOUS BOT

[Oct '11]

- Designed an autonomous bot that followed given white line
- Secured **9<sup>th</sup>** position on completing the track in minimum amount of time

### WIRELESS REMOTE CONTROL BOT

[Aug '2011]

- Designed a wireless remote control car whose objective was to complete a given track consisting of sand and other obstacles in minimum amount of time