



Tanvee Mahendra Mehta

09D02027

Chemical Engineering

UG Third Year (Dual Degree)

Indian Institute of Technology, Bombay

Female

Specialization: Chemical Engineering

DOB: 4th July, 1991

Examination	University	Institute	Year	CPI/%
Graduation	IIT Bombay	IIT, Bombay	2012	6.99
Intermediate/+2	CBSE Board	DAV Public School, Kota	2009	94.20
Matriculation	CBSE Board	DAV Public School, Kota	2007	90.20

Academic Achievements

- Secured an **All India Rank 943** in IIT JEE (out of around 4,00,000 students) in the year 2009
- Secured an **All India Rank 313** and **State Rank 26** in AIEEE 2009
- Recipient of **National Talent Search Scholarship (NTSE)** given by NCERT
- Awarded the **Brilliant student 2006** from **Mrs. Pratibha Patil** for the All Rajasthan Dainik Bhaskar Talent Scholarship award by Saraswati Shiksha Sansthan, Jaipur
- Secured 96% in the B level **National Mathematics Olympiad** Contest, 2007 by the Delhi Association of Mathematics Teachers
- Scored **100% marks** in CBSE 12th Board Exams in Mathematics
- Obtained 96.67% marks in PCM, Class 12th CBSE
- Participated in the State Level Mathematics quiz held by the Ramanujan Maths Club, Gujarat

Work Experience

Tracking the Bullion - Macroeconomic variables that affect the gold prices – Canara Robeco Asset Management Company

- Understood the various factors that affect the Gold prices in Dollars.
- Analysed the factors and predicted the future of the Gold prices on the basis of previous performance.
- Analysed the performance of the ETF of the company and other Gold Mutual Funds, on a daily basis.

Current Accounts – Segmented Analysis at Kotak Mahindra Bank, Goregaon

- Understood the existing base of the customer current accounts of the bank i.e. the various aspects of the current account book
- Segmented Analysis: Analysed the customer base on the basis of the constitution type they belong to, i.e. Proprietorship, Partnerships, Public Companies & Private Companies and also on the basis of the large no. of different segments they belong to, like Agriculture paramedical, logistics, etc.
- Rated this customer base accordingly on the basis of the various aspects of the current account book and suggested the strong and weak segments of the bank
- Compared the products for the Current account customer with various other banks in the market, which have segment wise focused products and suggested new proposals for making the product competitive
- Inspected the penetration of the bank among various segments in the total accounts in the universe

Publicity and Marketing Intern - NthWall Entertainment Private Limited, Mumbai

- Prepared elaborate publicity structure for a new online social media product and participated in the marketing of the product in an innovative manner for the maximum outreach to the masses

Projects and Technical Activities

- **Training programme and Industrial Visit: Rashtriya Chemicals and Fertilizers, March 2010** (Under the guidance of Prof. Sanjay Mahajani, IITB)
 - The training consisted of detailed lecture followed by visit to the plants.
 - Prepared a report comprising of process description and flow sheet; calculation of material balance; equilibrium constant and its dependence on Pressure, Temperature and Concentration; logic behind the design of the converter
- Part of a team that undertook and successfully completed a project on *fingerprint identification* as part of a course project during the first year of education in IIT Bombay
- Prepared a 1 – Dimensional Ising Model Simulation (including *MonteCarlo Simulation*) as a course project for the course – Molecular and Statistical Thermodynamics (Under the guidance of Prof. Adhikari Jhumpa)
- Made a *remote controlled F1 car* using basic RF circuit.

Extracurricular Activities

- Performed as the **Contingent Entry for Street play in Chaos 2010**, Inter College Festival of IIM, Ahmedabad
- Performed **Street play for an NGO** with around 300 viewers in Ahmadabad
- Performed for the **Inter Hostel One Act Play General Chamionship'10**
- Performed at the **Prithvi Theatre** as a part of **Thespo 12**, a Theatre Group Youth Festival by Theatre Group Bombay
- Won several **Debating and Elocution Competitions** at intra and inter school level (Accolade at the All India Mahatma Hansraj Youth festival Zonal 2006, Cultural Carnival Rajasthan)
- Basic training of hip-hop dance style
- Participated in **Inter Hostel Freshizza**, and secured 3rd position in the Group Dance Competition
- Active participant in various activities for NGOs like Save Our Souls
- Interested avidly in Financial Markets and stock exchanges around the world
- Interested in **photography, sketching and graphic designing**
- Designed the department t-shirt for the year 2010 – 2011 and also various other goods for the **Chemical Engineering Quiz, 2010** held in IIT Bombay

Programming and Software Skills

- Q basics, C/C++, Java
- Adobe Photoshop, Microsoft Office
- Worked on Windows, Linux and MacOS

Position of Responsibility

- **Manager, Public Relations, Azeotropy, 2K12, IIT Bombay**
 - Responsible for all the national and local publicity work done for the Annual Department Festival , AZeotropy, 2K12 which has students participating from all over India
- Coordinator, Public Relations, **Entrepreneurship Cell, IIT Bombay**
 - Worked for the public relations department, handling a no. of national events and their online and offline publicity
- Coordinator, Creatives & Publicity, **Techfest, 2010**
- Coordinator, Publicity, **Azeotropy, 2K11** (Department Annual Festival, Chemical Engineering.)
- Organiser, Ozone, **Techfest, 2010**