



Tanmay Saxena
Chemical Engineering
Indian Institute of Technology, Bombay
Specialization: Chemical Engineering

10D020042
UG Third Year(Dual Degree)
Male
DOB: 21-09-1991

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2013	6.76
Intermediate/+2	CBSE	St. Joseph's co-ed Higher Secondary School	2009	82.80
Matriculation	CBSE	St. Joseph's co-ed Higher Secondary School	2007	90.20

POSITION OF RESPONSIBILITY

MANAGER, EVENTS TECHFEST 2013

(April '12 – April'13)

Part of 23 member team responsible for the overall conceptualization and execution of Techfest 2013, Asia's largest science and technology festival with a footfall of over 92000 and budget over 15 Million

- Leading a 2 tier system of more than 100 volunteers to publicize and execute Technoholix – Premiere night shows and optimized a budget to worth INR 2.5 million
- Conceptualized the social campaign "Give a Coin", promoting financial child adoption amongst the youth of 55 colleges across 15 cities in India
- Spearheaded the planning of Ideate, a flagship event of Techfest 2013 worth prize money 4 lakhs to promote innovative thinking and research in the fields of energy conservation, social entrepreneurship and education reforms by providing them a platform to implement their ideas
- Organising Techolympics- A technical competition in 6 cities across India having prize money worth INR 4 lakhs
- Conceptualized Techfest Green Campus Challenge-Born with a vision to make every campus in India sustainable with prize money worth INR 2.50 lakhs

EXTRA CURRICULAR ACTIVITIES

Sports

- Was a part of a 4 member team which won the freshmen inter hostel Squash Championship
- Trained under **NSO squash** for one year
- Part of table tennis team to represent interschool competitions

Dance

- Performed in Group Dance at Performing Arts Festival, 2011 and 2012
- Performed dance in **KALAGHODA-2011**, one of the most important Cultural Art Festival in South Mumbai having budget exceeding INR 50,00,000
- Performed in **Group Dance** at Freshiezza, a Cultural Fest for freshmen

Miscellaneous

- Built a **wireless remote controlled car** for freshman F-1 car racing championship
- Participated in the freshmen inter hostel foot painting and face painting
- Grabbed 2nd position out of 80 teams in Institute Treasure hunt
- Performed in Group Dance at Performing Arts Festival, 2011 and 2012
- Was a part of 8 member team which came second in inter hostel impromptu drama

KEY ACADEMICS PROJECTS

REPORT ON CONTACT PROCESS Course Report [February 2011]

Faculty Mentor: Prof. Sanjay Mahajani Chemical Engineering Dept., IIT Bombay

- Underwent training programme at RCF and streamlined the entire process of manufacturing of sulphuric acid from manufacture to purification
- Calculated **the mass balance** of entire sulphuric acid plant

INEART GASES AND CRYOGENICS Pvt. Ltd., PITHAMPUR [December 2011]

- Ineart Cryogenics & Allied gases Pvt. Ltd. is a producer of oxygen and nitrogen gases by separating them from air also it is the sole producer of argon in the whole region
- Study & improvised the detailed separation process of nitrogen, oxygen & argon from air using cryogenic separation technique

SNAKES GAME PROGRAM

Guided by: Prof. D.B. Phatak CSE Dept., IIT Bombay

- Successfully completed Course Project Autumn 2010 working in tandem with 10 other students under the guidance of Prof. D.B. Phatak.
- Coded a program using C++ and EZ WINDOWS

RELEVANT COURSES AND SKILLS

Organization Management and Human behavior
Transport Phenomenon
Solid Mechanics Numerical Analysis
Differential Equations
Experimental & Measurement Lab
Computer Programming & Utilization

Heat & Mass transfer
Linear Algebra
Economics
Data Analysis & Interpretation
Calculus

SOFTWARE PROFICIENCY

PROGRAMMING: C++, MATLAB

SOFTWARE: MS Office, MS-Excel,

OPERATING SYSTEMS: Windows,

SCHOLASTIC ACHIEVEMENTS

- Secured **all India rank 1252** in the IIT-JEE 2010 and was amongst the top 0.3 % of the appearing candidates.
- Secured **state rank 135** in the AIEEE 2010 and was amongst the top 0.1% of the appearing candidates.