



Tarun Gangwar
Chemical Engineering
Indian Institute of Technology, Bombay
Specialization: Chemical Engineering

09D02022
UG Third Year(Dual Degree)
Male
DOB: 19 May 1990

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	6.86
Intermediate/+2	Central Board Of Secondary Education	Sir Padampat Singhanian School	2008	71.20
Matriculation	Central Board Of Secondary Education	Brij Bhusan Lal Public School	2006	88.10

Positions Of Responsibility

- **Insti Bay** (An online portal for buying and selling goods among students)
 - Founder and head of a startup – www.instibay.in which is an online portal for students
 - The portal takes pride in being a renowned name among the student community and is gaining popularity in local market as an advertising site
- **Dramatics Secretary** (April 2010- April 2011)
 - Introduced various intra hostel events and successfully organized various competitions
 - Coordinated with the hostel team for various Inter Hostel Championships to put up entertaining performances
- **Radio Jockey**
 - Writing and Hosting few publically acclaimed shows on Campus radio like” Bhula Bisra Bachpan” , “ Khabardar Khabre” and “ Love Guru”
- **Teacher** at a Coaching Institute (Jan 2010- Mar 2010)

Internships

- **State Bank Of India Life Insurance** (July 2011)
Topic: **Market Analysis of SBI Life**
 - Did a survey to analyse the customer satisfaction level and the market of SBI Life in Bareilly(U.P) and presented a report on the same
- **IDiscoveri Education Pvt. Limited** (May-June 2011) & (December 2010)
 - Contributed various innovative and creative ideas towards development of learning and teaching materials which could eventually help students in acquiring strong foundations in Maths and Science

Projects Undertaken

- **BioSynth (Biodiesel Plant:** first ever student initiative in India) (Mar 2010 –Mar 2011)
 - Core team member to design and install a 200L/batch capacity pilot plant
 - Conducted experiments to produce biodiesel from waste vegetable oil and performed various quality control test like Karl Fischer titration, flash, HPLC, also made a report on Water Removal from biodiesel
- **Application of Monte Carlo Method and other Techniques** (Prof. J. Adhikari)
 - Did coding in MATLAB using Monte Carlo and other algorithms under a course project in Molecular and Statistical Thermodynamics
- **Sulphuric Acid plant analysis** (Prof. S. Mahajani)
 - Visited RCF Chemical Plant to study the large scale production of sulphuric acid and submitted a report on the same
- **Application of the finger print technology** (Prof. Deepak Phathak)
 - Applied the fingerprint technology using biometric sensor device. This was a 15,000 line code written in C++

Extra Curricular Activities

- Was selected in top six finalists for a Creative Writing event (which had Sixty plus teams from all over Mumbai) in Malhar (St. Xaviers College Festival)
- Was awarded with Hostel Colour in the field of organization
- Was awarded PAF Special Mention
- Did commentary for various events in Techfest 2010
- Pursued a course in Japanese conducted by IIT Bombay
- Did community service by teaching twenty under privileged children with friends

Software Skills

- **Programming Languages :** C,C++, Matlab
- **Operating Systems:** Windows, Linux
- **Software:** Comsol, Scilab, Photoshop