



**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	2012	6.99
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 start-up [www.instibay.in](http://www.instibay.in) which is an online portal for IIT Bombay community.
  - 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 (December 2009 – April 2011)
  - Wrote and hosted few publically acclaimed shows like “bhula bisra bachpan”, “khabardar khabre” and “love guru”
- Teacher at a coaching institute (Jan 2010 – Mar 2010)

### Internships

- IDiscoveri Education Pvt. Limited (May-Jun 2011) and (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
- State Bank of India Life Insurance (July 2011)
  - Did a survey to analyze the customer satisfaction level and market of S.B.I. Life in Bareilly (U.P)
- Nth wall Entertainment Pvt. Limited (December 2011)
  - Worked as a event manager for Nth wall entertainment private limited

- Launched a market campaign in one of the biggest college festivals, clinched deal with various cinema chains and food outlets. Also recruited campus ambassadors across different colleges in India for the company

### Projects Undertaken

- Analyzing the cause of Dyslexia (Prof. A Khan)
  - Working to find the actual cause behind reading disorder in developmental dyslexics
- BioSynth (Biodiesel Plant: First ever student initiative in India) (Apr 2010 – Apr 2011)
  - Member of the core team that installed a 200L/batch capacity pilot plant in IIT campus
- Rector designing (Prof. Sanjay Mahajani)
  - Modeled the design of a Plug Flow Reactor for the manufacturing of IsoPropanol
- Application of Monte Carlo Method and other techniques (Prof. J. Adhikari)
  - Did coding in MATLAB using Monte Carlo Algorithm and other techniques under a course project in Molecular and Statistical Thermodynamics
- Application of Finger Print Technology (Prof. Deepak Phatak)
  - Applied the finger print technology using a biometric sensor device, This was a 15,000 line code written in C++
- Sulphuric Acid Plant Analysis (Prof. Sanjay Mahajani)
  - Visited RCF Plant to study the large scale production of Sulphuric Acid and submitted a report on same.

### Extra Curricular Activities

- One of the finalist at a creative writing competition which had 60+ teams from all over Mumbai at Malhar (St. Xavier College's Annual Festival)
- Awarded with Hostel Colour in field of Organization
- Awarded with PAF special mention
- Did commentary for various events in Techfest 2010 – IIT Bombay's College Festival
- Pioneered a summer school with friends to teach twenty under privileged children

### Software Skills

- Programming Languages: C,C++
- Softwares: Comsol, Scilab, Photoshop, Matlab, Audacity
- Operating Systems: Windows, Linux