**POST OF RESPONSIBILITY**

* **Co-ordinator of Aeromodelling club of IIT Bombay** [May’12-Present]
* Conducted workshops ,organised sessions and air shows of RC airplanes

created in the Institute for the freshmen.

* **Organiser** for ***Techfest*** (Asia’s biggest technical activity festival). [Jan’12]

**INDUSTRIAL EXPERIENCE**

* **RASHTRIYA CHEMICAL AND FERTILISERS,MUMBAI** [Jan’12]

*Guide – Prof. Sanjay Mahajani*

* Successfully completed a training program on “Production of Sulphuric Acid” at RCF,Mumbai
* Analysed and studied the ***Double Contact Double Absorption*** process incorporated for the manufacture of sulphuric acid and the various techniques used to optimise the energy requirements of the plant

**TECHNICAL ACTIVITIES**

* Designed and fabricated a **RC airplane** capable of carrying 200 grams in cargo and complete a

course in under 3 minutes for ***TECHFEST 2011*** . (Technical fest of IIT Bombay)

* Created a RC airplane capable of completing a course in the minimum time for ***ZEPHYR 2011***

(dept fest of aerospace engg-IIT Bombay)

**ACADEMIC ACHIEVEMENTS**

* **All India Rank 3794** in **IITJEE 2011** among 5 lac students. (2011)
* Was among the **top 1%** students in the country in **AIEEE** (among 1 million appeared) (2011)
* Amongst **top 0.01%** students nationwide selected for **BITS Pilani** (2011)
* Amongst the top 100 in KEAM (state level engg entrance exam) (among 1.25 lacs appeared)

**COMPUTER SKILLS**

* Programming Languages :C/ C++,SCILAB,XML.
* Worked in **Eclipse** (a multi-language software development environment)
* Web Tools : HTML.
* GUI Tools : Microsoft office, Solidworks.
* Operating system: Windows,Linux(Ubuntu distribution).

**KEY COURSES UNDERTAKEN**

**Mathematics Courses:** Complex Analysis,Calculus,Linear Algebra,Differential Equations. **Core courses:** Chemical Engineering Thermodynamics,Fundamental of Heat and Mass Transfers\*,Intro. to Transport Phenomena,Solid mechanics,Process fluid Mechanics\*,Introduction to Numerical Analysis\*,Introduction to Chemical Engineering **Non-Core Courses:** Computer Programming and Utilisation,Data Analysis and Interpretation,Economics,Environmental studies\*,Science and Engineering\*.,Chemistry,Modern physics. **Laboratory Courses:** Chemical Engineering Lab 1\*,Experimentation and Measurements Lab,Chemistry Lab,Physics Lab,Engineering Graphics and Designing,Workshop Practice. Note:(The \* marked courses will be completed by April 2012.)

**EXTRA CURRICULAR ACTIVITIES**

* **NSS (GRA)** [Jul’11-Apr’12]
* Worked with a tem in a remote village studying the rainwater flow pattern and constructed check dams to reduce surface runoffs.
* Constructed and installed rainwater harvesting units for two households in the aforesaid village.
* Visited the Yusuf Meherally centre as a volunteer to expand their activities in a nearby village.
* ***TAEKWONDO*** [2007]
* Underwent 2 years of training in Taekwondo under the TFI(Taekwondo Federation of India)

and holds a yellow belt in it.

* ***JUDO***
* Possess a yellow belt in judo certified by the Bombay Judo Club [Apr’12]
* Undergoing training for orange belt, to be completed by Dec 2012