

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 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 team 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