**AREAS OF INTEREST:**

* Exploring Chemical Engineering: learning, implementing and improving its various aspects.
* Choreography: Dancing is my passion outside academics which I love to learn and do.
* Mentoring Students:
* Work for NGOS and Social Organisations:

**SCHOLARISTIC ACHIEVEMENTS:**

* Secured ALL INDIA RANK **1208(nearly 0.2%) in IITJEE’11 given by almost 4,80,000 students**.
* Obtained **97% marks** in CBSE 10th board exams and was the **3rd TOPPER of BIHAR** and had scored MORE THAN **Toppers of 20 other states**.
* Was Awarded **Merit Certificate to score 100 in maths** in Tenth Board Exams.
* Awarded **Institute** **Merit Cum Means Scholarship**.
* Belong to ***Category 1 student*** in the Institute with an ***additional course in Basics of Visual Communications .***

**KEY PROJECTS:**

* **BIOSYNTH** (under Prof. Sanjay Mahajani)
* ***Produced Bio-Diesel*** from **waste vegetable oil and sunflower oil** and tested it on the standard specifications.
* Carried out lab runs to understand the protocol of Biodiesel Production
* Tested many new ideas like **worked on Ion-Exchange Resin** to neutralise Methanol which was so successful and impressive that now ***professors are interested in incorporating it in regular lab courses.***
* Worked in Biodiesel plant, calibrations and had sessions on various equipments.
* **SULPHURIC ACID PLANT VIST**(Under Prof. Vinjamur Madhu)
* Visited the Sulphuric Plant at Rashtriya Chemicals and Fertilizers Ltd., Chembur.
* Analysed and prepared a report by performing mass balance calculations for sulphuric acid.

**WORK EXPERIENCE:**

* ***MENTORED*** Around ***60 STUDENTS*** At ***RESONANCE ENVENTURES PVT. LTD*** for ***2 Months***.
* Tutored around 60 students for board exams as well as competitions for 2 months(nearly 100 hours).[**July & August,2012**]

**POSTIONS OF RESPONSIBILITY:**

* **HOSTEL SPORTS SECRETARY** [2012-13] **–** Dedicatedly working to improve sports culture in the Hostel and encouraging inmates to pursue their sports by regularly organising proper events for them.
* **Coordinator, Marketing Department ,E-CELL [2012]**
* Negotiating with Companies and Convincing them for promoting their Brand during E- Summit
* Developing Marketing proposals for the Companies who are willing to sponsor E -Summit.
* Organiser, TECHFEST[2011]
* Worked in Publicity Department and contacted various media persons and journalists.
* Efficiently Participated in publicising WAVE(World Advanced Vehicle Expedition)Campaign which was patronised by UN and organised first time in INDIA by a team headed by LOUIS PALMER(Awarded as UNITED NATION’S CHAMPIONS OF THE EARTH 2011)
* Organiser, MOOD INDIGO[2011]

**SKILLS**

* Programming Languages: C++,HTML
* Dance: Hip hop, Bollywood style and contemporary(just started learning)

**EXTRA CURRICULAR ACTIVITIES**

* NON-TECHNICAL
* **Dance**
* Performed in 9 dance events in the first year.
* Represented IIT Bombay at **MOOD INDIGO 2011 and UMANG,2012(cultural festival of Narsee Monjee College of Commerce and Economics**.)
* **Choreographed** **2 performances** for Hostel in Inter-hostel Dance League.
* Mentored 1st year students in Freshiezza (Cultural Event for Freshers)
* Film Making(sound and video editing)
* Forged tracks for Solo Dance competition in MOOD INDIGO.
* **Assembled and formulated Background Music** for a Short film in 48 hour Film making competition
* Chess GC
* Was the **Best Performer** from my hostel in Freshie Chess General Championship.
* Have played **557 games** so far on [www.chess.com](http://www.chess.com) in nearly **1 year**.
* Actively Participated in Performing Arts Festival in IIT Bombay.
* TECHNICAL
* Tech 1 and Line Follower
* Constructed a Bot which follows a white line and take turn when there is black line **by detecting light intensity**, using **photodiode sensor and Arduino uno.(Line Follower)**
* Designed a **wireless Bot** for Tech-one which