

## SCHOLASTIC ACHIEVEMENTS

- ❖ Was ranked in **top 1%** students among **half a million** aspirants who appeared for **IITJEE 2011**.
- ❖ Secured an **All India Rank** of **403** and **State Rank** of **41** among **one million** aspirants who appeared for **AIEEE 2011**.
- ❖ Was ranked **3<sup>rd</sup>** in school, for meritorious performance in **SSC** in 2008 from **CBSE**.

## ACADEMIC PROJECTS

- ❖ **Model To Show Slip Systems** *Spring 2011*  
(Guide: *Prof. Ajay Singh Panwar, IIT Bombay*)
  - Prepared the working model to show the slip of plane in crystal lattice.
  - Designed and presented the various slip dislocations in the crystal lattice.
- ❖ **Employee Payroll Management** *Autumn 2011*  
(Guide: *Prof. M.P.Gururajan, IIT Bombay*)
  - Efficiently coded in C++, the project deals with the management of salaries in a graphical interface.
  - The project is efficiently coded to maintain a proper database and also generate an automated salary slip.
  - The complete database is protected using username and password login.
- ❖ **Water Problem in India** *Autumn 2011*  
(*NSS Project*)
  - Studied the various aspects of the uprising water problems in India and drafted a report on this.
  - Presented the causes and consequences of the problem along with the remedies to tackle them.

## WORK VISITS

- ❖ **Gavand Wadi Village** *February, 2012*
  - As a part of NSS GRA, visited Gavand Wadi Village Taluka Karjat Dist. Raigad and worked with **Jalvardhini Pratishthan**, an **NGO** supporting rural and tribal population in **Rain Water Harvesting and Management**.
  - Constructed 1000 Liters **Ferro Cement Tank, Culvert Banadhara, Loose Stone Bandhara**.
  - Learned how to measure Slope of hill and to mark Contour line with simple A frame.
  - Visited **Karjat Resource Centre** where learnt the importance of Rain Water Management and witnessed various storage structure / tank.

### ❖ Yusuf Meherally Centre

October, 2011

- As a part of NSS GRA team, visited Yusuf Meherally Centre, an NGO in Tara Village Taluka Panvel Dist. Raigad, working for **Rural Development**.
- Voluntarily undertook “**Shramdan**”.
- Gained first-hand knowledge on functioning of **Bio Gas Plant**.

## TECHNICAL SKILLS

- ❖ **Programming Languages:** C, C++, Visual Basic
- ❖ **Web:** HTML
- ❖ **Operating Systems:** GNU/Linux (Ubuntu), Mac, Microsoft Windows
- ❖ **Software:** Photoshop, Sony Vegas Pro, Microsoft Office
- ❖ **Other:** 8085 Microprocessor Programming

## MAJOR COURSES STUDIED

- |   |                                      |
|---|--------------------------------------|
| ❖ Transport Phenomena                                 | ❖ Workshop Practice                  |
| ❖ Mechanics Of Materials                              | ❖ Engineering Graphics & Drawing     |
| ❖ Structure Of Materials                              | ❖ Computer Programming & Utilization |
| ❖ Colloidal & Interfacial Science (Honors)            | ❖ Data Analysis & Interpretation     |
| ❖ Materials & Technology                              | ❖ Economics                          |
| ❖ Metallography & Structural Characterization Lab     | ❖ Differential Calculus              |
| ❖ Introduction To Electrical and Electronics Circuits | ❖ Linear Algebra                     |
|   | ❖ Electricity & Magnetism            |
|   | ❖ Chemistry                          |

## POSITIONS OF RESPONSIBILITY

- ❖ **Organizer, Mood Indigo 2011, Asia's Largest Cultural Festival**
  - Integral part of the **Services** team which provided and maintained all the services and infrastructure of festival.
- ❖ **Organizer, Techfest 2012, Asia's Largest Science and Technology Festival**
  - Integral part of the **Technolix** team which organized professional shows from the biggest names in the entertainment sector from around the world, with flicker of tech.
- ❖ **Member, National Service Scheme (NSS)**
  - Worked in **Group of Rural Activities (GRA)** for one year and participated in various activities helping to tackle the problems faced in rural areas.

## EXTRA CIRRICULAR AVTIVITIES

- ❖ Was awarded consolation price in “**All India Atomic Energy Inter School Science Quiz -2007**”, organized by **Bhabha Atomic Research Center & Atomic Energy Education Society**.
- ❖ Won several awards for outstanding work in **Mimicry, Street Paly, Quizzes** and **Singing** in school and college.
- ❖ Enthusiastically worked in **Production Design** in **Performing Arts Festival 2012**.
- ❖ Performed in **Freshizza** (inter hostel competition) in a street play.
- ❖ **Language Proficiency:** English, Hindi and Marathi.