

SCHOLASTIC ACHIEVEMENTS

- Ranked among top 1% students in the **IIT** Joint Entrance Examination among over 400,000 students
- Secured **State rank 815** in **AIEEE** (All India Engineering Entrance Examination) out of about 900,000 students
- Secured **All India Rank 1817** and **State Rank 101** in All India Engineering Entrance Examination (Architecture) 2009
- Awarded **scholarship** from North Central Railway Union

INTERNSHIP

AMBUJA CEMENTS LIMITED

- Project on “**Alccofine cement mortar compatibility with different chemical admixtures**” along with cost consideration
- **Performed more than 90 trials** to study the effect of microfine materials (Alccofine, Microsilica and Metakaolin) in high performance concrete
- Work visits to various construction sites to study **concrete and steel consumption pattern** with different grades in mass housing projects

KEY ACADEMIC PROJECTS

Mini National Unique Identification Project [2009]

Guide: Prof. Deepak Phatak, Department of Computer Science and Engineering

- Developed **finger print identification machine programming code** and its applications

Vehicular Emission Modelling [2010]

Guide: Prof. Gopal Patil, Department of Civil Engineering

- Conducted a **detailed analysis of the pollutants discharged** from vehicles and prepared a case study of the effect of fuel, technology and vintage on the emissions using **SPSS software**
- Suggested methods for curbing air pollution, based on the case study of the vehicles

Social Networking for Hostelmates [2011]

Guide: Prof. Anirudha Joshi, Industrial Design Centre

- Designed an **interface for social networking** among hostelmates and alumni for increasing the interaction between them

Work Visit: Central Water and Power search Station, Pune [2011]

Guide: Prof. B.S. Pani, Department of Civil Engineering

- Studied the hydraulic models and explored the application of fluid mechanics in various water bodies.
- Studied the effects of reclamation and infrastructure development on the flood levels in panvel creek network

TECHNICAL SKILLS

- **PROGRAMMING LANGUAGES:** C, C++, Java, Visual Basic, Python, HTML, CSS, SQL, PHP, Javascript
- **APPLICATION SOFTWARE:** SPSS(Statistical Package), Microsoft Office, Adobe Photoshop, Sony Vegas, CAD, SCILAB, MATLAB
- **OPERATING SYSTEM:** Microsoft Windows, Linux

COURSES UNDERTAKEN

- **CORE COURSES:** Engineering Mechanics, Soil Mechanics, Fluid Mechanics, Structural Mechanics, Water Resources Engineering, Hydraulic Engineering, Design of Structures, Geodesy, Engineering Graphics and Drawing
- **INSTITUTE COURSES:** Computer Programming and Utilisation, Data Analysis and Interpretation, Electrical and Electronic Circuits, Electricity and Magnetism, Calculus, Linear Algebra, Differential Equations, Chemistry, Philosophy, Economics
- **MINOR COURSES:** Human Computer Interaction, Visual Communication, Introduction to Industrial Design
- Pursuing **honours** in Civil Engineering Department and **minor in Industrial Design**

POSITION OF RESPONSIBILITY

Corporate Relations and Marketing Coordinator, The Entrepreneurship Cell 2011

- Led a team of 15 students and negotiated sponsorship for **Eureka (Asia's largest biggest Business Plan Competition)**
- Responsible for finding and contacting various **speakers (corporates, eminent industrialists and venture capitalists)** for Eureka and ESummit

Events Coordinator, Techfest 2011

- **Managed** two architecture competitions which was attended by over 200 participants from various colleges
- **Successfully organized** and **conceptualized** three newly introduced events along with a team of 10 organizers

EXTRA CURRICULAR ACTIVITIES

Cultural events

- Awarded first position in **video making competition** in Freshizza
- Organizer of Mood Indigo'09 and Techfest'10(Workshops and Exhibitions department)
- Represented hostel in the **Performing Arts Festival(PAF)**

Social Service

- Volunteer of **Abhyasika**, a group under **GRA (Group for Rural Activities)**, which works for the education of children living in slums
- Volunteer of **Teach for India**, a non-profit organization which works to eliminate educational inequity in the country

Sports

- Selected for **Squash** in National Sports Organisation
- Participated in various inter-hostel events in **Athletics**

Other interests include **reading, painting, video-editing** and **web designing**