



Vishesh Parnerkar
Civil Engineering
IIT Bombay
Specialization: Structural Engineering

08D04001
Dual Degree (B.Tech + M.Tech)
Male
DOB: 11-12-1990

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	9.18
Intermediate/+2	CBSE	Gnyan Dham High School	2008	96.60
Matriculation	CBSE	St. Xavier's High School	2006	93.80

Positions of Responsibility

MANAGER (MEDIA), THE ENTREPRENEURSHIP CELL

(Mar '10- Feb '11)

*One of the **20 core team members** of the **Leading Entrepreneurship Promoting Student Organization** in India as recognized by **National Entrepreneurship Network (NEN)***

- Spearheaded a **two-tier team of 35 volunteers** with a cash-plus-media budget of **INR 15 million** towards the organization of 2 international, 1 national and 3 institute level activities
- Achieved media coverage of **20 articles in leading national dailies**, including a **front-page article** in Hindustan Times about Vulture's Nest leading to a 200% rise in participation
- Received recognition for **Eureka!** by **Thomson Reuters** as Asia's Largest B-Plan Competition
- Solely formulated and authored the Annual Report, to be sent to the corporates and entrepreneurs, detailing all the initiatives including the **statistics and major reforms**
- Assisted media marketing team and attended meetings with top executives from **Network 18, Times Now, ET Now and Radio City**

THE EDITOR, ENSPACE (Institute Entrepreneurship Newsletter)

(Mar '10- Feb '11)

- Led an **editorial team of 30** writers for the conceptualization of the newsletter
- Reorganized the structure of the newsletter, by giving it a **journalistic approach** and creating a pool of specialized reporters augmenting readership by 30%
- Revamped the content and increased number of pages from **12 to 16**
- Personally interviewed famous entrepreneurs like **Ratan Tata, Bhavin Turakhia** and featured many others in the newsletter

CO-ORDINATOR (O-ZONE), TECHFEST 2010

(Aug '09- Jan '10)

- Fully **conceptualized and executed** the events in **Aqua games** while leading a team of 10 organizers which saw a **participation of more than 1000** students in a span of 3 days

Internships

HINDUSTAN TIMES, MUMBAI

(Dec '11)

*Served as a member of the team of reporters responsible for the Metro section of Hindustan Times, India's **2nd** largest English daily newspaper*

- Written and published more than **20 features/stories** during a period of one month
- Conceptualized, researched and wrote a full page feature, as a part of HT's Fitter Mumbai campaign
- Covered important events including **Mood Indigo 2011** and **Save Irom Sharmila Campaign**

- Conducted an intensive literature survey in the area of plastic shrinkage of **cement-based mortar**
- Investigated and critiqued the shrinkage crack patterns in stucco samples over a **48-hour period** and studied their variation with **humidity and temperature**
- Achieved a **20-30% reduction in cracks** by identifying **expanded perlite** as a possible solution
- Examined **Image Analysis** as a technique to quantify crack patterns and make tangible inferences

Scholastic Achievements

- **Consistently** ranked 1st in the Dual Degree Department for a period of 7 semesters
- Was the only one in the Dual Degree Department to be awarded the Institute **Academic Prize** 2010
- Secured **AIR – 276 and 6th in State (Gujarat)** in AIEEE 2008 amongst 7 lakh candidates
- **Topped Gujarat** in AISSE (Class XII) held by CBSE with merit certificates (top 0.1%) in **Chemistry** (99%) and **Computer Science** (99%)
- Recipient of the 5-year prestigious **Dhirubhai Ambani Scholarship** given by Dhirubhai Ambani Foundation for excellent academic performance in Class XII
- **Awarded** the Title of “**Amul Vidya Bhushan**” for outstanding Academic Performance in Class XII

Academic Projects and Seminars

SEMINAR ON STRUCTURAL USE OF GLASS Guide: Prof A. Goyal (July '11- Nov'11)

- Researched and examined the various different types of glass and their structural properties
- Conducted a presentation and awarded an AA(Highest Grade) for the course

HORIZONTAL ALIGNMENT OF HIGHWAYS Guide: Prof P. Vedagiri (July '11- Nov'11)

- Designed an algorithm to profile the shortest path between two cities with one obligatory point
- Implemented the code in C++ environment to generate highway geometric design

SEMINAR ON MUMBAI TRANSPORTATION SYSTEM Guide: Prof G. Patil (Jan '11- Apr '11)

- Reviewed the current status of modes of transportation in Mumbai and identified their problems
- Assessed the possible outreach of upcoming MMRDA projects like **Mumbai Metro** and **MonoRail** and their contribution in facilitating sustainable transportation in Mumbai
- Proposed an Integrated **Fleet** Management and **Joint fare** collection system as a long-term solution

SIMULATION OF POOL GAME Guide: Prof A. Ranade (Aug '08- Nov '08)

- Developed a program in C++ which simulated the pool game in a 2D environment
- The Program took the input from the user in the form of **angle of cue with the ball and power of the hit** through a graphical interface and then **predicts the motion** of the balls
- **Successfully incorporated the friction factor** while predicting the motion of the balls

Extra-curricular Activities and Accolades

- Awarded the **Best Xavierite Award** for my all-round performance at school (2002-03)
- Won the **Best Profile Award** in **Indian Model United Nations** held in New Delhi (2003-04)
- Secured **All India Rank 89** in National Level Science Talent Search Examination (2005-06)
- Secured **State Rank 1 (Maharashtra)** in the HFI Talent Search Examination (2001-02)