



Niket H. Vora
Civil Engineering
Indian Institute of Technology, Bombay
Specialization: Structural Engineering

09D04005
UG Third Year(Dual Degree)
Male
DOB: 17/02/1990

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	7.77
Intermediate/+2	Maharashtra State Board	S.S & L.S. Patkar college of science	2008	78.67
Matriculation	Maharashtra State Board	J.B.Khot high school	2006	90.40

Position of Responsibility

Marketing Manager, Aakaar

[May'11-till date]

Annual technical festival of Civil engineering department

- Member responsible for **outsourcing** and **managing** budget of **INR 3 lakhs**, collecting and analysing data on success including customer satisfaction
- Involved in **planning** and **establishing** events

Maintenance secretary, Hostel 8

[Aug'10-May'11]

- Member of the Hostel Council managing over a budget of **INR 50,000/-** for maintenance activities
- **Supervised** public workers & addressed grievances of 300 students regularly for smooth functioning
- **Conceptualised** the proper disposal of the waste by wall-mounting dustbins for the first time in the hostel

Co-ordinator, Mood Indigo

[May-Dec'10]

Asia's largest college cultural festival

- **Planned** and **established** a **Limca Book of Records** for maximum number of people blowing bubbles together
- **Persuaded** an **Israeli artist** and a percussion band to **perform for free**, structured their schedule and **executed** their events
- Achieved a **unique feat** of showcasing the **premier show** of the play Red Sparrow for the first time

Scholastic Achievements

- Ranked amongst the top **0.4%** of the students (out of the **4,00,000 appeared**) in the Joint Entrance Examination (**IIT-JEE**) **[2009]**
- Amongst the top **0.5%** of the students (out of **10,00,000 appeared**) in the All India Engineering Entrance Exam (**AIEEE**) **[2009]**
- Recipient of the **Balajyoti Scholarship** by **NIIT** for outstanding performance in the aptitude and intellectual test **[2003]**
- Appearing for **Financial Risk Management (FRM)** level I exam to be held in current year

Internships & Key Projects undertaken

Gammon India Ltd. (Mumbai)

[May-Jul'11]

*Construction of Residential Complex with **RNA Corp.** worth **INR 115 crore***

- **Trained** within various departments of construction, namely, Safety, Quality, Planning, Project execution, Billing and Stores & Administration
- **Reviewed** safety measures, **examined** the quality of mix designs, studied various **quality tests** of concrete & steel pertaining to IS codes
- Identified activity, their duration, networking processes and **assisted in planning** supervision
- **Estimated** resources, costs, revenues and **quantified** amount of permissible **waste**
- Monitored & **improved productivity** analytically, certified bills and surveyed change orders
- In addition to the expected goals, **rectified the BBS** (Bar Bending Schedule) at two places, thus saving manpower and resources

Social Coin Foundation

[Dec'11]

An initiative by alumni of IIT's & IIM's to address social inequity

- Volunteered as a marketing and public relations manager to create a nation-wide network of individuals who want to bring about social change
- Partnered NGO's nationwide after analysing their financial needs and structure thus increasing accountability, simplicity and transparency thereby influencing donations
- Proposed a timely monitored concept to achieve systematized management of NGO's and strategized their donation packages

Economics Project

[Aug-Oct'09]

Guide: Prof. Haripriya Gundimeda

- **Analysed** the market structure of the **Laptop manufacturing companies** in India
- Prepared a detailed report about the monopolistic and oligopolistic nature of the Laptop Market
- **Researched** various marketing policy, theories of demand and supply, role of the state in economic policy and reforms, market trends and various trade-offs in the market structures

Technical Labs

- **Design of Structures:** Location, **design and detailing of structural members**, load calculation & analysis of buildings
- **Software analysis & Design:** Design of various elements using **AutoCAD**
- **Geodesy:** Surveyed and Computed angular & distance measurements using **GPS** and **Theodolites**
- **Hydraulics, Soil & Solid mechanics, Fluid mechanics, Experimentation and Measurements lab**

Courses undertaken

- | | |
|--------------------------------------|---|
| • Economics-Micro and Macroeconomics | • Computer programming |
| • Design of structures | • Geodesy & Hydraulic engineering |
| • Structural mechanics I & II | • Numerical methods in civil engineering |
| • Solid, Fluid and Soil mechanics | • Calculus, Linear algebra & differential equations |

Skills

- **Programming Languages:** C and C++
- **Software tools:** AutoCAD, MS office, Scilab and Matlab
- **Communication:** fluent in English, Hindi, Marathi, Gujarati and **Japanese (Basic and Advanced)**

Extra Curricula

Adventure Sports

- **Headed** a team of **trekking camp** at Manali & successfully completed the Chanderkhani challenge with a height of over **3700 metres** [2010]
- **Successfully trekked** a height of **13,800 ft** at the sarpass camp in Himalayas [2011]

Sports

- **Bronze** medal in athletics at **district level** [2003]
- Member **Silver** medal winning team in **Institute Football League (IFL)** [2010]

Cultural

- Stood **3rd** in both, a **business quiz competition** (Bizzybeez) and in a **general quiz competition** (Brainiac) among **60 other participants** at O2 - cultural festival of Bhavan's college, Mumbai [2007]