



Siddharth Kothari
Civil Engineering
Indian Institute of Technology, Bombay
Specialization: None

100040065
UG Third Year (B.Tech.)
Male
DOB: 17.04.1993

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	7.32
Intermediate/+2	CBSE Board	ILVA Hr Sec School	2010	89.40
Matriculation	CBSE Board	ILVA Hr Sec School	2008	90.60

SCHOLASTIC ACCOMPLISHMENTS

- Qualified for **2nd round of Physics Olympiad** organized by Indian Association of Physics Teacher in 2010
- **All India rank 17th in 11th National Science Olympiad** in 2008
- **State rank 9** in 3rd International Mathematics Olympiad held in dec 2009
- **State rank 24** in the 12th National Science Olympiad
- **AIR of 1370** out of more than 470,000 students who appeared for JEE 2009
- Ranked among top **.1%** in **AIEEE 2010** in which nearly 1.2 Million students appeared

PROJECTS AND WORK VISITS

Ansys Engineering Simulations, Guide: Prof. K.M. Bajoria [May 2012- Present]

- Reanalysed the design and load calculation for super-structure and sub-structure of Zuari Bridge with the application of software- ANSYS 13
- Analysed and learned the application of various software such as ETABS, ANSYS and STAAD PRO used to solve various structural problems

Work visit- Larsen & Toubro, Mumbai [October 2012]

- Studied the application of various concepts of Reinforced Concrete Design for Columns, Beams and Slabs
- Studied about concrete pumping and modern form of scaffolding used to directly pump the concrete at site through large pumps

Local Transportation System Project, Guide: Prof. Vedagiri [January 2011]

- **Suggested** relevant **modifications** for campus internal travel (tum-tums and auto rickshaws) after analysing the fundamental issues through an exhaustive survey

C++ Projects, Guide: Prof D.B.Pathak [October 2010]

- Developed graphical games like Pac-Zon and the Pocket Tanks and graphical interface using EzWindows software (team of 7 members)

WORK EXPERIENCE

Internship: BCM Builders and Developers: [May-June 2011]

- Learned about different ratio of concrete in Project **BCM Paradise**(having 308 units of 2,3,4 BHK type)
- Analysed and formulated the raw mixture parameter and mix design for **High strength concrete** and learned about slab work including reinforcement and stirrups in beams
- Understood the whole process and devised methodology to allocate work to the labour

Planceess Limited: [Jan-March 2011]

- Meticulously packaged various topics of IIT JEE curriculum into **157 interactive video lectures** and **managed** the production of about **50,000 Planceess notebooks**
- **Negotiated** with dealers throughout Mumbai to adopt the products, and also promoted them via online media, resulting in **50% increase in sales** and wider network in market

21st Century Coaches: [Aug-Sep 2011]

- Worked in the **marketing team** and marketed the various events like- Robocon, Robochamp,etc
- Headed a team of 5 members for execution and design of Robochamp, a robot making competition for the school students which got around **140 participant team**

POSITION OF RESPONSIBILITY

Institute Dance Secretary

[2012-2013]

- Meticulously planned a budget of **3.5 lakhs** and leading a team of 14 hostel secretaries and 5 council members
- Part of 8 members managerial team of the regional convention of **SPICMACAY** with a budget of over **14 lacs and headed the Artist Services Department**
 - Planned and executed 6 music and dance concert held across 3 days with a footfall of more than **5000**
 - Planned the arrival and departure of each and every artist and also took care of their hospitality
 - Organized 'Viraasat'- exhaustive workshops from distinguished artists from various genres
- **Conceptualized and organized** Sophomore Dance League, an inter hostel competition for sophomores for the first time providing a platform to more than 150 students
- **Introduced** Institute-Level Professional Dance Classes for novel genres, benefitting over **400 students**
- Leading a team of over 120 students for the biggest cultural event of the institute “AIDS” (Annual Insync Dance Show) catering to an audience of 4000 people
- Structured an **online publicity campaign** for past laurels and performances to motivate students

Coordinator, Mood Indigo 2011, IIT Bombay

- Executed the trump event of competitions “*Choreo nite*” with footfall of more than **5000**
- Handled the hospitality of several high profile celebrities and judges
- Led a team of 10 organizers and successfully conducted 4 dance events with more than 100 participants

Hostel Dance Secretary

[2011-2012]

- **Updated** the hostel dance room with large wall mirrors fitting to provide better facilities and uplift the hostel dance scene
- Conducted 3 **dance workshops** under different genres and many intra hostel events
- **Led** the Hostel team to **2nd** in inter-hostel dance general championship and **2nd** position in PAF

COMPUTER SKILLS

- Software - **ANSYS 13**, SAP 2000, MATLAB, STAAD PRO, ETABS, Sony-Vegas, Adobe Photoshop
- Language and Operating system- C, C++, HTML and Unix/Linux, Windows-XP/Vista

EXTRA CURRICULAR ACTIVITIES

Tech:

- Secured the **1st position** in the Track mania, a Remote control Car making Competition among 200 team
- Made an autonomous machine that had an in-built sensor to detect the track follow the same

Dance:

- **Performed** at the opening ceremony of **Kalaghoda Art Festival 200**, Mumbai
- Secured **2nd** position ingroup dance event at IIM-Ahemdabad’s cultural Festival CHAOS’11
- Won **2nd** position in the inter-hostel dance competition Gyration 2010
- Won **3rd** position in Malhar- the annual cultural festival of **St. Xavier’s, Mumbai** in 2011
- Won **4th position** in Mood Indigo 2010(Asia’s largest cultural fest)

Literary arts and Debate:

- Represented hostel in the **Hindi and English Debate General Championship** for consecutive **2 years**
- Won positions in about **10 literary and speaking** competition at school level

Sports:

- **Captain** of **Table Tennis** team in inter school competition at **state level** held in 2007
- **Captain** of **Badminton** team for **National rank** in all India tournament held in 2006
- **Captain** of **Table Tennis General Championship** team and selected for inter IIT Camp 2010

Miscellaneous:

- Awarded hostel “**Organisational Special Mention**” for exceptional contribution towards organizational activities of hostel
- Awarded as **best student** by the Rankers point, Indore for **academic excellence** in May 2010