Sachin Garg   110040025
Civil Engineering   **UG Second Year**
Indian Institute of Technology, Bombay   **Male**
Specialization: none   **DOB: 7/06/1993**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2013	9.04
Intermediate/+2	CBSE	Maheshwari Public School,Jaipur	2011	94.00
Matriculation	CBSE	Maheshwari Public School,Jaipur	2009	96.50

SCHOLASTIC ACHIEVEMENTS

- Currently **Ranked 2nd** in the Civil Engineering Department (Batch of 112)
- Secured **SPI of 9.88/10.00** in the 3rd semester and was the **Semester Topper**   [2012]
- Secured All India Rank **1232** in IITJEE 2011 with a percentile of **99.7**
- Recipient of IIT-Bombay **Merit-cum-Means Scholarship**
- Awarded **KYPY** Fellowship (1 out of 100 fellows) by Dept. of Science And Technology, Govt. of India   [2011]
- Selected among **top 1%** of students for **Indian National Chemistry Olympiad** conducted by HBSCE   [2010]
- Selected among **top 1%** of students for **Indian National Astronomy Olympiad** conducted by HBSCE   [2010]
- Selected among **top 30** students of the state (out of 50,000) for **Indian National Mathematics Olympiad** conducted by **NBHM**   [2010]
- Awarded scholarship for being in **top 20** students (out of 20,000) in State Science Talent Search Exam **(SSTSE)** conducted by Dept. Of Science &Technology Govt. of RAJASTHAN   [2009]
- Awarded a **Certificate of Excellence** by CBSE for being in the **Top 0.1%** in Informatics Practices   [2009]
- Selected among **top 200** students out of 70,000 for **NTSE** final round   [2007]

MINOR IN MANAGEMENT

- Pursuing a Minor Degree in Management from the **Shailesh J Mehta School of Management**
- Done a course in **Accounting and Finance** where topics related to Investment Banking, Corporate Finance, Risk Management, Financial statements etc. were covered in depth

PROJECTS UNDERTAKEN & WORKSHOPS

Finance Winter Boot Camp   [Dec 2012]
- Part of 60 students selected for immersion in understanding the institutional framework and career specialisation in finance
- The month long workshop covered topics like Entrepreneurial Finance, Venture Capital, Private Equity, Sales & Trading ,Equities & Bonds, Investment Banking and Company treks

IIT-BOMBAY Transportation Management
Guide: Prof. Tom Mathew   [July 2012-Nov 2012]
- Extensive Survey of all traffic facilities and its components inside the IITB campus and suggested solutions to improve traffic congestion problems in the campus
- Planned Bus-routes of around 30 buses for around **8000** students and faculty members
- Used **AUTO-CAD** software for designing the map and construction of a suitable Bus-Bay

Traffic Light Control System
Guide: Prof. Siddhartha Duttagupta   [July 2012-Sept 2012]
- Developed a single TRAFFIC-LIGHT signal which operates on red, amber and green LEDs in a correct sequence with proper timing and sound
- Used a 555-astable circuit to provide clock pulses for the 4017 counter-IC and worked on its commercial viability

Matrix Computers Trainee   [May-June 2012]
- Awarded **Certificate of Excellence** in **C++** after completing a 2 month training in Matrix Computers
- Understood key concepts like operator &function overloading, inheritance, classes

Shopping and Stock Management System using C++
Guide: Prof. Deepak Phatak   [July-Dec 2011]
- Led a 10 member team to develop Shopping and Stock Management System using C++
- Designed an online portal for shop management
- Coded selection and billing indents for customer and shopkeeper end

POSITIONS OF RESPONSIBILITY

Coordinator, **Events, SARC (Student Alumni Relations Cell)**   [July 2012-Present]
- Working in logistic and operation department of Events, SARC
- Contacted more than 100 Alumni's in an event "**Phonathon**"
- Convinced them for various initiatives of SARC and IITB

Crowd Manager at **IIT Bombay Placements 2012**   [Dec 2012]
- **Coordinated** with a team of **50 students** for the successful placement of more than 500 students
- **Organised** and **managed** the smooth conduction of interviews for more than **10 companies**

Coordinator, **Informals, MoodIndigo-2012**   [July 2012-Dec 2012]
- Organised and managed **the biggest adventure** zone of the fest **"LOUNGE"** where multiple activities took place including playing board games, foosball, pool, spy –venture and poker
- **Led** a team of 10 organizers for smooth conduction of the adventure activities

Organiser, Competitions, Techfest-2012   [Aug 2011-Jan 2012]
- Organised an event **" Potentia"** involving robots working on potential energy
- **Brought** more than 100 participation in competition and managed all the teams by recording and maintaining scores

COMPUTER AND SOFTWARE SKILLS

- **Programming Languages:**   C, C++, Basics of Java
- **Software Proficiency**: Auto CAD, Matlab, Microsoft Office
- **Web Designing**: HTML
- **Operating Systems**: Windows, Linux

KEY COURSES UNDERTAKEN

TECHNICAL COURSES:
- Structural Mechanics
- Hydraulic Engineering
- Advanced Solid Mechanics
- Numerical Methods In Civil Engineering
- Geodesy

NON-TECHNICAL COURSES:
- Accounting & Finance
- Operations Management
- Data Analysis And Interpretation
- Linear Algebra, Multivariable Calculus
- Computer Programing And Utilization

EXTRA CURRICULAR ACTIVITIES

Cultural:
- Was a part of Production team in **PAF-2012**(Performing Arts Festival)
- Was a part of **School team** for **Inter-School Dramatics** competition

Social Service:
- Was a part of the **"Green Campus"** initiative of **NSS(**National Service Scheme)
- Transplanted more than 300 saplings and nurtured them throughout the year