



Aditya Saurabh
Civil Engineering
Indian Institute of Technology, Bombay

110040069
UG Second Year
Male
DOB: 31/12/1993

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	7.09
Intermediate/+2	CBSE Board	Delhi Public School Bokaro	2010	92.80
Matriculation	CBSE Board	N.S.DAV Public School	2008	94.00

SCHOLASTIC ACHIEVEMENTS

- Secured All India Rank of **6264** in IIT Joint Entrance Examination 2011 (**top 1.2%** out of 5,00,000)
- Secured All India Rank of **12414** in All India Engineering Entrance Examination 2011 (**top 1.03%** out of 12,00,000)
- Secured All India Rank of **1650** in viteee (**top 0.61 %** out of 2,70,000)
- Received certificate of achievement from DAV managing committee for performance in Xth

KEY ACADEMIC PROJECTS

C++ Project

('11)

(Guide: Prof.D.B.Phatak)

- Developed **Banking Management System** which can handle accounts for customers, it uses files to handle the daily transaction, account management and user management.
- Used dynamic arrays, timers, file handling and vectors

RF Circuit powered vehicle

('11)

- Designed a wireless, RF Circuit powered vehicle under the programme **Trackmania**
- The objective was to complete a track, with several mechanical obstacles, in minimum amount of time

Line Follower Bot

('11)

- Designed a line follower bot using IR sensors and LED.
- The task was to follow the white line in minimum time.

Analog to digital convertor

('12)

(Guide:prof. S.Dutagupta)

- Designed an 8 bit analog to digital convertor as curriculum project.
- Using 555 Timer and Flash ADC 0804 so the motive will be achieved efficiently.

TECHNICAL SKILLS

- **Programming Languages/Tools:** Java, C/C++, SQL, HTML,CSS
- **Operating Systems:** Microsoft Windows, Ubuntu (Linux)
- **Application Softwares:** Microsoft Office, Adobe Photoshop, Matlab, Scilab

RELEVANT COURSES

- **Core Courses:**
 - Solid Mechanics
 - Fluid Mechanics
 - Engineering Mechanics
 - Numerical method in civil engineering
- **Other Courses:**
 - Computer Programming and Utilization (C++)
 - Data Analysis and Interpretation, Calculus
 - Economics
 - Chemistry
 - Electricity and Magnetism
 - Ordinary and Partial Differential Equations
 - Linear Algebra
 - Electrical and Electronics circuits
- **Lab courses:**
 - Fluid Mechanics
 - Solid Mechanics
 - Physics
 - Chemistry
 - Workshop practice
 - Engineering and drawing
 - Computer programming and utilization

EXTRA CURRICULAR ACTIVITIES

- Co-Founder of **Shikshantar** involving in education sector and having tie up with AAKRITI EDUCATION.
- Was part of the **National Service Scheme** IIT BOMBAY under Environmental conservation forum.
- Planted trees in the campus in green campus initiative.
- Got 3rd in quiz in Vedic Chetna Shivir in where 55 dav schools have participated.
- Represented the school in **General Knowledge Quiz** at **District Level**
- Won various **Volleyball** tournaments at **Inter School** level.
- Was part of Guinness World Record team for most number of people solving the Rubik's cubes.

POSITIONS OF RESPONSIBILITY

- **Mess Secretary** of Hostel-7, IIT Bombay *(aug '12-Present)*
- **Organizer, Mood Indigo** 2011, Asia's largest college cultural festival IIT BOMBAY *(dec'11)*
- **Organizer, TechFest** 2011, Asia's largest science and technology festival IIT BOMBAY *(dec'11)*