



ANKIT CHOUKSEY
Aerospace Engineering
Indian Institute of Technology, Bombay
Specialization: nil

110010031
UG Second Year
Male
DOB: 20-01-1992

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	7.41
Intermediate/+2	C.B.S.E	Mansarovar Public School	2010	89.80
Matriculation	C.B.S.E	Mother Teresa Sn.Sec. coed School	2008	84.80

SCHOLASTIC ACHIEVEMENTS:

- Secured rank **5659** in IIT-JEE (Joint Entrance Exam) 2011 with nearly 500000 students participating across the nation.
- Secured rank **6703** in AIEEE 2011. (All India Engineering Entrance Exam) with over 9 lakh students appearing for the exam.

ACADEMIC PROJECTS:

- Project in Engineering Design: **Smarter Classrooms**
As project manager, working in a team of 6 to redesign, rethink and remodel each and every aspect of a classroom aiming at maximizing effectiveness in teaching and learning. (Autumn 2012)
- Summer Project in **Satellite Laser Ranging (S.L.R.) and D.O.R.I.S.** (Doppler Orbitography and radio-positioning integrated by satellite) System. (June 2012)
(Guided by: Prof. H.B. Hablani Aerospace, IIT BOMBAY):
 - Literature survey and comprehension of both the systems.
 - Understood the principle involved, components used and applications of both the system.
- Project in C++ : **“Virtual Stock Market Game”** (Autumn 2011)
As project coordinator
 - Proposed the project idea.
 - Organized meetings.
 - Contributed in algorithm creation.

COURSES UNDERTAKEN:

MATH COURSES	MA105 MA106 MA108 MA207 IC102	Calculus Linear Algebra Differential Equations Differential Equations II Data Analysis and Interpretation
AEROSPACE COURSES	AE152 AE209 AE216 AE215 AE207	Introduction to Aerospace Engg. Solid Mechanics Fluid Mechanics Aerospace Measurement Lab. Introduction to Engineering Design
PHYSICS COURSE	PH103	Electricity & Magnetism
CHEMISTRY COURSE	CH103	Chemistry
ELECTRICAL COURSES	EE101	Introduction to Electrical and Electronics circuits
HSS	HS101	Economics

TECHNICAL SKILLS:

1. Programming:
 - Have done a C++ course CS101 (computer programming and utilization) under Professor D.B. Phatak. (Autumn 2011)
 - Have basic knowledge of **matlab**.
2. Software knowledge: Proficiency in working with
 - **Google drive, LT spice** (circuit designing), MS office.

POSITIONS OF RESPONSIBILITY:

1. **Organizer-Techfest 2012**(Asia's largest technical and science festival): (2012)
 - Assisted Spanish bubble artist Mr. Pep Bou during his stay and during the show. Helped in organizing the stage and setting up equipment under his guidance.
 - Decorated hall for Photography exhibition.
2. **Organizer-Zephyr 2012**(Aerospace department annual festival): (2012)
 - Arranged refreshments for various events and assisted coordinators in organizing them.
 - Involved in publicity of the festival.
3. As **Yoga Coordinator in NSO** (National Sports Organization program):
 - Assisted yoga teacher in teaching and coordinating yoga sessions.
 - Conducted yoga classes in the absence of yoga teacher with class strength of 35. (2011)

EXTRA CURRICULAR ACTIVITIES:

1. Literary arts:
 - Represented school in inter-school English debate. (2007)
 - Secured 1st position in story writing. (2006)
 - Secured 1st position in Hindi extempore. (2006)
 - Participated in Sanskrit Mantra recitation competition. (2005)
2. Languages known:
 - Have basic knowledge of French.
 - Proficiency in Hindi.
 - Have basic knowledge of Sanskrit.
3. Sports:
 - Was member of the winning team in Aero Premier league (Intra department Cricket). (2011)
 - Silver medalist intra-school taekwondo competition. (2006)
 - Have an avid interest in badminton, swimming and skating.
4. Tech
 - Designed and created Radio Controlled plane for freighter-15 competition for Zephyr-12.
 - Participated in balsa wood glider competition in Zephyr-12.
 - Created Radio controlled car for Tech-one, a technical event for freshmen. (2011)