



Sugandha Singla
Chemical Engineering
Indian Institute of Technology, Bombay
Specialization: None

100020072
UG Third Year (B.Tech.)
Female
DOB: 15-07-1991

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	6.89

SCHOLASTIC ACHIEVEMENT

- Secured All India Rank 750 in IIT JEE out of 4,00,000 student (2010)
- Secured All India Rank 624 and State Rank 24 in AIEEE out of 10,00,000 students (2010)
- Secured All India Rank 171 in 2nd level in National Science Olympiad (NSO) (2007)
- Secured All India Rank 301 and State Rank 3 in 1st Nationwide Interactive Math Olympiad (2007)
- Awarded the Certificate of Achievement by GP Chopra, President D.A.V. College managing committee for distinctive performance in academics (2007)

INTERSHIPS & PROJECTS

Motilal Oswal Pvt. Ltd. (Dec, 2011)	<ul style="list-style-type: none"> Studied the economic variables like GDP/IIP and their use while assessing the economy growth Established a relation between the IIP/GDP data on quarterly basis and the corresponding quarterly revenues of the 30 Companies listed in SENSEX.
Baljit Securities Pvt. Ltd. (Jun - Jul, 2012)	<ul style="list-style-type: none"> Studied the basics of Derivatives like Options & Futures and there relations like Put-Call Parity, Strategies like Strangle, Straddle, Naked and Covered. Operated Capitaline neo software and learned how to use it to compare different variables.
C++: Intel 8085 simulator (Oct - Nov, 2010)	<ul style="list-style-type: none"> Developed a simulator package for Intel 8085 assembly instructions, which includes an editor, an interpreter and a debugger for Intel 8085 assembly instructions Designed using Qt 4 GUI libraries in C++.
Sulphuric Acid Plant Analysis (Feb - Mar, 2011)	<ul style="list-style-type: none"> Visited Rashtriya Chemical Fertilizers Ltd., Mumbai to study the design and working of sulphuric acid plant Worked on a DCDA technique, and completed a detailed report on production of sulphuric acid.
Biosynth (May 2011 - Mar 2012)	<ul style="list-style-type: none"> Prepared biodiesel in laboratory from raw material and performed quality control test like HPLC Was actively involved in Plant Commissioning work. The plant is currently is in operation now Participated in Exhibitions, Techfest, the annual Technical Festival of IIT Bombay (2012)

POSITIONS OF RESPONSIBILITY

Manager, Publicity Azeotropy, 2013	<ul style="list-style-type: none"> Responsible for contacting and appointing of College Ambassador to ensure the proper outreach of information about the various events to be held before and during Azeotropy Playing a key role in marketing deals related to association of Courier and Printing partners Collaborating with Web & Design team for execution of various publicity campaigns to be held
Convener, Rang & Pixels, (May 2011-Apr 2012)	<ul style="list-style-type: none"> Responsible for the various club activities and events being held to increase the student's enthusiasm in Fine Arts and to provide them a bigger platform outside the institute Part of 7-member organizing team of KALADARSHAN 2012, the Annual Photography and Fine Arts Exhibition of IIT Bombay.
ACL, Chaos, IIM Ahmadabad, 2012	<ul style="list-style-type: none"> Represented IIT Bombay and managed travelling, accommodation & participation of the entire IIT Bombay team (around 100 students) and their registrations in all events at the 4 day festival.

EXTRA CURRICULAR ACTIVITIES

Conferences	<ul style="list-style-type: none"> Participated in Industrial Green Chemistry World Symposium-cum- Exhibition (4-6 Dec, 2011) Participated in UNIC Young Change Makers Conclave, 2012
Additional Learning	<ul style="list-style-type: none"> Pursuing a course Introduction to probability in Statistic department and Introduction to finance online under Prof Gautam Kaul, University of Michigan, via coursergia.com
Sports	<ul style="list-style-type: none"> Won zonal-level High School Basketball Tournament organised by State Sports Council (2004) Represented school at Mahatma Hansraj Sports Meet organised by DAV committee (2004-05)
Cultural	<ul style="list-style-type: none"> Won the State Level Science Quiz Competition in Science Fair, 2006 organised by SCERT Won Stick Modelling Competition at Chaos 2012, Annual Cultural Festival of IIM Ahmadabad Won 2nd prize in row for consecutively 2 years and 3rd prize in 3rd year in Rangoli making competition in D.A.V. Youth Festival at zonal-level (2003, 2004 & 2005)