
INTERNSHIPS AND PROJECTS

May-Jun 2011	Sun Pharmaceutical Industries Ltd. <i>Intern</i>	Ahmednagar
	<ul style="list-style-type: none">Analyzed the flow of material from raw material to packaged product stage and the various processes undergoneStudied the principles of inventory management and the operation of several equipments including various types of dryers, millers and filtersUnderstood the working of a chemical plant as a whole, and the coordination of different departments	
Dec 2010	CRNTS (Center for Research in Nanotechnology and Science) <i>Intern</i>	IIT-Bombay
	<ul style="list-style-type: none">Worked on the synthesis and characterization of nanophosphors quantum dots (particularly zinc oxide) which have applications ranging from Defence Detection to Bio-imagingObserved the photoluminescence of zinc oxide quantum dots varying the zinc to hydroxide concentration ratio and also the solvent used (methanol, ethanol and iso-propanol)Acknowledged for keen interest, hard work and enthusiasm	
2010	Rashtriya Chemicals and Fertilizers (RCF) <i>Course Project (Prof. Sanjay Mahajani)</i>	Mumbai
	<ul style="list-style-type: none">Verified whether the sulfur dioxide emissions of the sulfuric acid plant were under Government regulations as part of an industrial visitCalculated the efficiency of the plant	
2010	Unique Identification Project <i>Course Project (Prof. Deepak Phatak)</i>	IIT-Bombay
	<ul style="list-style-type: none">Worked with a team to develop an application to match the input fingerprint with those in a databaseCompiled a C++ code to handle and store large amounts of data and organize them in files	

POSITIONS OF RESPONSIBILITY

2010-11	Techfest 2011 <i>Coordinator</i>	IIT Bombay
	<ul style="list-style-type: none">• Worked as part of the Competitions team in Asia's biggest technology collegiate festival• Led a team of 5 organizers to supervise two competitions Elixir and Utkarsh	
2009	Mood Indigo 2009 <i>Organizer</i>	IIT Bombay
	<ul style="list-style-type: none">• Coordinated with a team of organizers to conduct several on the spot games with over 500 participants	

EXTRA-CURRICULAR ACTIVITIES

2010	Part of the hostel dramatics team which secured 2nd position in the Performing Arts Festival
2010	Completed a course on Personality Development which was conducted by the Indo-American Society
2004-05	Captained inter-school cricket team to win the under-14 cricket tournament in the Maharashtra Region Inter ICSE Schools' meet
2003	Trained in Indian classical vocals for a period of one year
1999-2002	Helped in creating awareness and collecting funds for organizations such as: <ul style="list-style-type: none">• National Association for the Blind (NAB)• National Society for Equal Opportunities for the Handicapped (NASEOH)

AWARDS AND ACHIEVEMENTS

2011	Received special mention from hostel for contribution to sports throughout the year
2011	Secured 2nd position in COMSOLution, a simulation including heat transfer, fluid flow and reaction engineering using the software, COMSOL
2010	Reached stage 2 in Age of Chempires (AoC), in which, constructed a mathematical model to help select the ideal location to set up a phenol plant
2007	Received silver medals in school for securing highest marks in Science and Gujarati in 10 th grade.
2006-07	Received a bronze medal for participation as a social volunteer in mass campaign against cancer eradication and control for a period of 15 days
2005	Qualified International Assessments for Indian Schools (IAIS) conducted by The University of New South Wales, Australia with credit (English and Science) and distinction (Math)
2002	Received gold medal for a good performance at a summer cricket coaching camp at MIG club
2001/04	Qualified Maharashtra State Scholarship exam in 4 th and 7 th grade

OTHER INFORMATION

- Computer skills include Scilab, C++ and HTML.
- Big sports enthusiast, enjoy reading and playing the guitar.