



Srinivas Nuti
Chemical Engineering
Indian Institute of Technology, Bombay
Specialization : None

100020066
UG Third Year (B.Tech)
Male
DOB: 19/06/1993

Examination	University	Institute	Year	%/CPI
Graduation	IIT Bombay	IIT Bombay	2012	6.75
Intermediate/+2	Board of Intermediate Education, AP.	Sri Chaitanya Junior College, Gudavalli	2010	96.70
Matriculation	SSC	Gowtham Concept School, Gudivada	2008	90.33

SCHOLASTIC ACHIEVEMENTS

- Qualified in Chemistry and Physics Olympiads Level 1, and was top 1% from the country
- Qualified for Indian Institute of Science and Technology (IIST) through ISAT exam introduced for the first time conducted in 2010
- Recipient of **Sir CV Raman “Young Genius”** Awards in the year 2007 for securing **District 1st** rank in CV Raman Examination conducted by Vishwabharathy Foundation

INTERNSHIPS AND WORK EXPERIENCE

UHDE INDIA PRIVATE LIMITED

(June 2013 - Present)

Plant Design & Piping Department, Vikhroli, Mumbai, India

Guide: **Mr. Girish Kulkarni**, Deputy General Manager

- Verified **Equipment** Layout of Tail Gas Scrubber unit, Proposal of DAP Plant, **GCT, Tunisia**
- Prepared **Plant** Layout of Recycle Gas Compressor using P&ID and Navisworks of VGO-Hydrotreater Plant, **IOCL, Paradip Refinery, Orissa**
- Review of **individual Equipment Piping** and **Pipe-rack** arrangement
- Studied about Piping Design in detailed engineering
- Performed piping calculations such as thickness, width, length, pressure drop etc

SHREE RENUKA SUGARS LIMITED

(December 2012)

Sugar Refinery, Kandla, Gujarat, India

“Sugar Refinery Process”

Guide: **Mr. Mahantesh Mugali**, Asst. General Manager (P&A)

- Studied about refined sugar production by ‘Carbonation Process’ used for the first time in India in a sugar refinery
- Studied about Granular Activated Carbon(GAC) column

Integrated Sugar Mill and Distillery, Athani, Karnataka, India

“Alcohol Plant Process from molasses and Integrated Sugar Mill”

Guide: **Mr. Govind Misale**, General Manager (Ethanol)

- Prepared a report and performed material balances on the production of Ethanol from Molasses
- Studied various distillation columns and treatment of effluents of the plant

INDUSTRIAL VISIT TO RCF

(Spring 2010)

Project Guide: **Prof. Sanjay Mahajani** (Chemical Engineering Department, IIT Bombay)

- Successfully completed the Training Programme on ‘Sulfuric Acid Technology with Plant Visit’ conducted by Rashtriya Chemicals and Fertilizers Limited (RCF)
- Studied and prepared a report on the Double Conversion Double Absorption (DCDA) process used for the production of sulfuric acid at RCF

KEY ACADEMIC PROJECTS

INTEL-8085 SIMULATOR

(Autumn 2010)

Project Guide: **Prof. D.B.Phatak** (CSE Department, IIT Bombay)

- The project involved designing the compiler 8085 Simulator for data storage and handling.
- Made an Interpreter and Debugger, and simulated the interpreted hex-code in Memory Registers.
- Used object-oriented approach in C++ and Qt4 library for GUI.

TECHNICAL SKILLS

- Programming – C, C++
- Operating systems – Windows, Linux , Mac OS
- Application Softwares – Navisworks, Microsoft Office , Adobe Photoshop
- Computational Softwares – MATLAB, Scilab

COURSES UNDERTAKEN

Chemical Engineering

Mass Transfer Operations, Chemical Reaction Engineering, Heat and Mass Transfer, Fluid Mechanics, Chemical Engineering Thermodynamics I, Solid Mechanics, Introduction to Transport Phenomena, Numerical Analysis, Bioprocess Principles, Molecular Cell Biology

Others

Economics, Modern Physics, Chemistry, Environmental Science and Engineering, Computer Programming and Utilization, Fundamentals of Electrical and Electronic Circuits, Philosophy

Pursuing Minor in Humanities and Social Sciences (HSS): Consumer Behavior, Social Psychology, Literature, Philosophy of Religion, Indian Ethics and Contemporary Society

POSITION OF RESPONSIBILITY

- **Coordinator** in **Entrepreneurship Cell 2012**, under Corporate Relations in the event Eureka Business, one of the main events of E Cell
 - Handled seven number of judges mentoring five organizers along with another coordinator
- **Coordinator** of **Techfest 2012**, the annual science and technology festival of IIT Bombay under Workshops, Hawk Eye Workshop
 - Handled three trainees and eleven teams in the smooth functioning of workshop on time mentoring two organizers and one coordinator
- **Coordinator** in **Azeotropy 2012**, the annual Chemical Engineering festival of IIT Bombay

OTHER INTERESTS AND ACTIVITIES

- Social Service : **National Service Scheme** (NSS)
 - Actively involved in social service via National Service Scheme(NSS) as a **volunteer**
 - Campaigned rural place namely **Vihigaon**, village, **Shahapur** thaluk, **Thane** district surveyed their living conditions and gave helping hand through NSS
- Sports: **National Sports Organization** (NSO) - Volley Ball (regular player). Part of hostel volleyball team 2010-2011
- Worked as **Organizer** in Techfest 2011, under Competitions, Robowars
- **Beginner** Level in **Chinese** Language(Mandarin)
- Actively involved in hostel activities such as **PAF 2012** which won **Best PAF Award 2012**
Performing Arts Festival (PAF) is the biggest inter-hostel cultural competition. It is of 50K budget which includes drama, production, theme and language

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