



EDUCATION

Program	Institution	%/CGPA	Year of completion
B Tech in Chemical Engineering	Indian Institute of Technology Madras, Chennai	5.87	2013
XII	Narayana Junior College, Hyderabad	88.9	2007
X	Nalanda Vidyalaya High School, Mahabubnagar	88	2005

COURSE WORK

- Process calculations
 - Chemical engineering thermodynamics
 - Momentum Transfer
 - Transport phenomena
 - Process equipment design
 - Chemical reaction engineering - I & II
 - Process heat transfer
 - Instrumentation and process control
 - Catalysis in Petroleum technology
 - Ecological engineering
 - Chemical process design and economics
- Minor: Naval architecture
- Ocean technology
 - Offshore and coastal structures
 - Marine corrosion and control
 - Ships and floating systems
- Math courses
- Linear algebra and numerical analysis
 - Calculus I & II
 - Partial differential equations
 - Computational techniques.

SKILLS

- AutoCAD, Mat Lab, Aspen Plus, FORTRAN, Programming : C.

PROFESSIONAL EXPERIENCE/PROJECTS

- Worked as project trainee at UTN NANO technologies, Chennai (jun-aug'12)
 - Was involved in project Modelling and simulation of Bioreactor.
 - Modeled bioreactor in Mat Lab and analyzed the related kinetics.
 - Studied the enzyme complex and drug adsorption characteristics using Matlab.
 - Did a study on waste water treatment.
- Did a detailed research on Contact Angle Hysteresis. (oct-nov'12)
 - The effect of the nanoparticle size and its concentration when it is dispersed in a medium.
 - Measured the advancing and receding contact angles based on the tilting plate method.
- Worked on "digital handbook of social projects at IITM" in C-TIDES IITM. (may-june'12)
 - Have documented all the projects at IITM.
 - Worked on 3d printer and coding used to build the prototype of objects used in machinery.

POSITIONS OF RESPONSIBILITY

- Facilities and requirements coordinator for Chem Clave'11, annual chemical engineering department festival.
 - Handled all the facilities required for all the events held during Chem Clave
- Sports head for Jawahar Navodaya Vidyalaya for the year 2003
 - Organised sports events held at school level

AWARDS & ACTIVITIES

- Selected for Jawahar Navodaya Vidyalaya among 5 lakh students in the year 2000.
- Participated and secured first place in creative writing competition Saarang 2011.
- Participated and secured second place in Sudoku Saarang 2011
- Was selected as a content writer for "Adieu memories", a book for IITM alumni.
- Played for cluster level and regional level Volleyball
- Active participant in Volleyball, Table Tennis and Hockey in Intra-hostel competitions.
- Participated in 10 km marathon race held in IITM consecutively for four years