



OBJECTIVE

- To pursue a career with an esteemed organization that provides me scope of exploring my potential and work dynamically towards the growth of the organization with an intention to be an asset to the company.

EDUCATION

Program	Year of completion	%/CGPA	Institution
M.S (By Research) in Chemical Engineering	2013	9.58	Indian Institute of Technology Madras, Chennai
B.Tech.	2011	8.40	Techno India, Kolkata
XII	2005	57.22	M.J.K College, Bettiah
X	2003	73.71	Khirst Raja High School, Bettiah

PROJECTS

- Application of Correction of Maxwell's Equal Rule in Phase Equilibrium Calculation (M.S- Project) (Aug'2011 to Dec'2013)
 - To model new equation of state, having good capacity of predicting vapor-liquid equilibrium properties.
 - Establish new methods to calculate mixture property and fitting of experimental data to model.

SUBJECTS OF INTEREST

- Advance Chemical Engineering Thermodynamics
- Mathematical Methods For Chemical Engineer
- Transport Phenomena
- Simulation Software- ASPEN & MATLAB
- Natural Gas Engineering
- Equilibrium Solutions and statistical and Thermodynamics

SKILLS

- Programming in MATLAB and C Language
- Friendly with ASPEN Tool
- Microsoft Office Tools

PUBLICATIONS

- Experimental Investigation of influence of 1-ethyl-3-methyl imidazolium chloride on the phase behavior of methyl acetate- methanol system (Paper Submitted to Chemical Engineering Science Journal)
- Application of Correction of Maxwell's Equal Rule in Phase Equilibrium Calculation (Manuscript Prepared)

ACHIVEMENTS

- Secured all India rank 81th in GATE 2011.
- First rank in M.S course work at IIT-Madras.
- Received Bageshwar Rai prize for scoring third highest in mathematics in 2002 (In the district West-Champaran)
- Received runner-up trophy in District Level Cricket Tournament, held at Bettiah.
- Passed certificate examination of SCOUT in 1998.
- Performed best all-rounder performance in Inter Club Tennis Ball Tournament in the session 2001-2002, managed by Bihar Tennis Ball Cricket Association.

POSITIONS OF RESPONSIBILITY

- General Secretary of Krishna Charity Club, IIT-Madras.
 - Member of the core organizing committee for various cultural festivals and programs in charge of
 - Financial budgeting.
 - Arrangements for catering.
- Chemical Engineering Branch Councilor from January 2013-June 2013, at IIT-Madras.
- Worked as a core member of Ankhronos (Cultural fest of Techno India).
- Worked as a core member of Edge (Technical fest of Techno India) .

HOBBIES

- Playing and watching cricket.
- Spending time with various types of people.
- Watching movies, Listening music.

STRENGTHS

- Organizational abilities
 - Meticulous planning and scheduling of activities for a project.

DECLARATION

I hereby declare that all the information given above is true to the best of my knowledge.

Rahul Kumar (13/09/2013)