

EDUCATION:**University of Connecticut**

Hartford, CT

Master of Business Administration

2011 – 2013*

- Awarded T.K.Lindsay Full-MBA Scholarship for academic and professional excellence.
- President and founder of UConn MBA Energy Club.

National Institute of Technology

Surat, India

Bachelor of Chemical Engineering (GPA: 3.7/4.0)

2004 – 2008

- Co-authored ScienceDirect journal article on “Mathematical Models for Chemical Engineering Calculations.”
- Nominated as Campus Ambassador for Gujarat Gas Company Ltd. (A British Gas subsidiary).
- Elected as Cultural Secretary of the college: Led a team of 60 members to organize a 5-day cultural festival with participation of 10,000+ students from 14 colleges.

EXPERIENCE:**Hindustan Petroleum Corporation Ltd.**

Mumbai, India

Associate – Strategy and Operations

2009 – 2011

- Developed business plans to accomplish strategic objectives and operational excellence for the production (oil refineries) division of the company.
- Won ‘**Outstanding Achiever**’ award – introduced an innovative scheme to outsource the storage space for raw diesel inventory during turnaround project, resulting in potential savings of USD 4.5 million.
- Assisted the 7-member core committee to develop Joint Venture for setting up new Maharashtra Refinery Project (valued at USD 5 billion).
- Suggested for an alternative vendor to rehabilitate the collapsed cooling towers, resulting in saving 42 days of crude throughput, equivalent to approximate savings of USD 1.2 million.
- Coordinated business strategies with other companies in the industry and government agencies.
- Monitored several projects to appraise top management for expediting corporate decision making.

Analyst – Production Planning

2008 – 2009

- Planned the production profile and procurement of crude oil for the refinery through Linear Programming (LP) mathematical modeling and simulation in Aspen PIMS.
- Achieved nil furnace oil export benchmark at Mumbai refinery through crude swapping model, resulting in estimated savings of USD 3.2 million.
- Performed operational analysis for Gross Refining Margins (GRM) and Production yields, a daily summary was reported to the CEO and other top management of the company.
- Prepared Annual Revenue Budget, MOU targets, MD&A reports as well as monthly/quarterly MIS reports.

ADDITIONAL INFORMATION:**Achievements:**

- Chess – National player for India
- Secured 97th rank among 800,000 students in All India Engineering Entrance Exam (AIEEE).
- Won “Business Simulation competition” at World Petroleum Council –Youth Forum (2010).

Internships:

- Strategic planning and Business development – Engineer’s Associates, Inc., San Jose (2012).
- Financial Modeling – Adkins Matchett & Toy (AMT), Hartford (2011).
- Future trends in Refining technologies – Indian Institute of Petroleum, Dehradun (2010).
- Technical analysis of market trends – Thomson Reuters, Mumbai (2009).

Certifications:

- National Stock Exchange of India - Certification for Financial Markets (NCFM): Three modules (2010).

Miscellaneous:

- Expertise in mathematical tools like Microsoft Excel, MATLAB, Polymath, and Aspen PIMS.

**Anticipated year of completion.*