

## Abhi Barthakur

1-908-369-3424

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### Objective:

**A career in chemical engineering.**

### Software: OS:

**Aspen Plus, Mathcad, MS office, ANSYS, AutoCAD, Shell Scripting.  
Unix, Linux, Windows,**

### Experience:

**2 years:**

**Graduate Teaching Assistant** at the Department of Chemical Engineering,  
South Dakota School Of Mines & Tech, Rapid City, SD

Completed and defended MS Thesis on "**Speciation of Chromium Compound in  
Combustion Environment**" under Dr. Robb M. Winter.

Conduct Laboratory classes and grade papers for the senior undergraduate students..

**4 years**

**Process Engineer** at the Technical Services Department, Indian Oil Corporation  
Limited. Digboi Refinery, Digboi, India

Responsible for reporting daily crude oil throughput and yield in Wax, Distillation and Coking unit. Replacing and trouble shooting of various process equipment in the Kerosene Treating Unit (KTU) and the Wax Extraction Unit (WEU) according to existing design specifications. Worked as shift engineer in KTU - three months; and Effluent Treatment Plant (ETP) - five months. Developed a new database program to monitor Product/Crude Loss within Digboi refinery and off site Oil Terminals. Re-designed using FORTRAN and ASPEN PLUS process simulator, a steam jet ejector in the Crude Distillation Unit #1.

### Training:

Project Management Course from Armiger : Beginners, Intermediate and Advanced.

### Education:

**Master of Science in Chemical Engineering.**

South Dakota School Of Mines and Technology, Rapid City, SD.

**BS in Chemical Engineering**, Regional Engineering College, Srinagar,  
University of Kashmir. India.

