**Fundamentals of Chemical Engineering for Non-Chemical Engineering**

**Course Objectives:**

* Understand the basics of material and energy balances in the chemical processes.
* Acquaintance with fluid flow and heat transfer operations.
* Have an idea about mixing phenomena and handling of materials in the process industries.
* Be able to differentiate between several separations processes such as distillation, extraction, absorption and filtration.
* Have knowledge about the reaction kinetics and reactor design.
* Be familiar with instrumentation and process control.
* Get brief knowledge about environment and pollution control activities.

**Course Outlines:**

* Introduction to Chemical Engineering; Material & Energy Balances ; Industrial chemical processes ; Fluid Flow Operations ; Heat Transfer & Related Process Equipment ;Separation Processes ; Chemical Reaction Engineering Reactor Design ; Reaction Kinetics & Role of Catalyst in Chemical Processes ; Measurement & Process Instrumentation ; Environmental Pollution Control.

**Who Should Attend?**

* Technician supervisors, Chemists, mechanical/electrical/industrial engineers and scientists could attend this course.

**Duration:** 5 Days

**For more information:**

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