

Unit Operations



DESCRIPTION

Chemical Processing

Equipments adapted to technical and professional formation in the range of chemical engineering. Complete set of equipments with different levels of computerization.

Topics :

- ✓ Absorption
- ✓ Adsorption
- ✓ Crystallization
- ✓ Distillation
- ✓ Ebulliometry
- ✓ Extraction
- ✓ Evaporation
- ✓ Filtration
- ✓ Fluidization
- ✓ Reaction
- ✓ Wastes treatment

ABSORPTION

- Gas liquid absorption
- Controlled Absorption & Regeneration unit
- Mini gas-liquid absorption
- Controlled absorption & regeneration unit

ADSORPTION

- Solid - Liquid Adsorption Desorption
- Solid liquid and solid gas adsorption
- Solid-liquid Adsorption



CRYSTALLIZATION

- Perfectly Stirred Crystallizer
- Crystallization by cooling
- Evaporation crystallization
- Continuous crystallization

DISTILLATION

- Distillation of crude oil products
- Discontinuous distillation
- Batch distillation
- Controlled continuous distillation
- Multifunction distillation