
Course Title : Chemical Engineering Software Wokshop

- **Aim:**

Instructing the basics of process simulation using a chemical engineering software - Hysys

- **Syllabus:**

- ✓ Introduction and getting started in Hysys
- ✓ Property Package
- ✓ Thermodynamic Diagrams
- ✓ Power and refrigeration cycles
- ✓ Reactions
- ✓ Separation processes
- ✓ Production Process of Dimethyl Ether
- ✓ Production process of Cumene
- ✓ Dynamic Simulation -1
- ✓ Dynamic Simulation -2
- ✓ Dynamic Simulation -3
- ✓ Optimization

- **Reading Resources:**

Steady State Process simulation using HYSYS