

ONE-DAY WORKSHOP ON ASPEN PLUS

Venue: Computer Center, Chemical Engineering Department, IIT Guwahati, Guwahati.

Course Objective

Aspen Plus is an advanced chemical optimization software used by the bulk, fine, specialty, and biochemical industries, as well as the polymer industry for the design, operation, and optimization of safe, profitable manufacturing facilities.

Aspen Plus enables users to:

- Optimize processing capacity and operating conditions,
- Improve equipment design and performance,
- Identify energy savings opportunities and reduce Green House Gas emissions,
- Reduce costs and improve product quality,
- Perform economic evaluation to realize savings in the process design.

Therefore, the objective of the present One-day Workshop on Aspen Plus is to make students familiar with basics of Aspen Plus through hands-on sessions. The following aspects of process design will be covered:

- Introduction to Aspen Plus
- Reactors Modelling
- Distillation Modelling

Approach

- Instructor-guided demonstrations of features.
- Hands-on sessions.
- Detailed course notes.

Benefits

- Gain the skills and knowledge to design processes.
- Learn detailed design aspects of distillation column and reactors.

Additional details on ASPEN PLUS can be obtained from <http://www.aspentech.com/products/engineering/aspen-plus/>

For registration, contact iiche.grc@iitg.ernet.in