

Petrogenium. Academy

PETROCHEMICAL INDUSTRY OVERVIEW

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This **Petrogenium.** Petrochemical Industry Overview course is a basic skill course for professionals starting to work in the refining or petrochemical business. The course is taught on awareness level and will be invaluable to all professionals, who started their career in or recently joined the refining or petrochemical industry.



This **Petrogenium.** training can be tailored for awareness/inexperienced staff, for intermediate and for experienced personnel, although it has originally been designed as an advanced course. Furthermore the course can be customized for a specific refinery / plant or multiple sites. The option for post-course consultancy/help-desk support is also available. Participants may include: Refinery personnel, Trainees / GETs, Academic participants, Operations staff.

Training Objectives :

After completion of the course participants will have solid understanding of:

- Feedstock dynamics and industry fundamentals
- Understanding of petrochemical processing and technology
- Key petrochemical products and its production by different feedstocks
- Brief on polymers - types, major processes, and their significance.



Programme

Day 1

- Introduction to petrochemical industry
- Petrochemicals - products and uses
- Feedstocks - composition and preparation
 - Chemicals from
 - Paraffins - methane, ethane, propane, butane

Day 2

- Chemicals from
 - Olefins - ethylene, propylene, butylene, diolefins, acetylene
 - Aromatics - benzene, toluene, xylene, ethylbenzene
 - Non-hydrocarbons - synthesis gas, hydrogen, Sulphuric acid
- Polymers
 - Introduction
 - Polymerization processes
 - Polymer types and uses



Why select Petrogenium.?

The above support will be provided by principal consultants with 30+ years world-class experience in the technology and hands-on know-how from operation of refinery units.

Because Experience Matters

Contact Petrogenium.:

Email: training@petrogenium.com

Website: <https://www.petrogenium.com/training/>