

Master  
IPET

industrial plant  
engineering and  
technologies

# MIPET

## Operative Modules

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Facoltà di Ingegneria  
Università degli Studi di Genova

CONFINDUSTRIA  
GENOVA

Ordine degli Ingegneri  
della Provincia di Genova



MIPET Operative Modules are devoted to transfer knowledge and capabilities on specific specific issues related to Industrial Plant Engineering & Technologies.

The MIPET Operative Modules are open to Engineers and Technicians and include lectures, exercises, case studies, simulations and role play games coordinated by Academic and Technical Experts coming from Leading Universities and Companies

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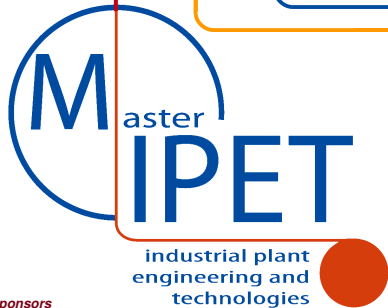


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# Construction of Industrial Plants



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## Operative Module of MIPET



Industrial Plant Engineering & Technologies

## Objectives

**Construction Module** presents critical aspects related to Constructions in Industrial Plant and provides basic concepts and case studies as methodologies. The course provides knowledge for facing issues in Site Management, Erection Planning, Cost and Time Control, Safety and Risks during erection and commissioning.

## Course Attendees

**Construction Module** is designed for young engineers, technicians and professionals active in Industrial Plants and dealing with Construction issues, enabling them to understand and make use of the key tools for the control and the management of the construction stage of an Industrial Plant.

## Structure and Approach

This module is organized as a 35 hours course to be completed in 5 days by interactive sessions with experts coming from Industry and R&D. The approach includes lecturing, case studies, exercises, experiences, RPG, competitive and cooperative simulations



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## MIPET Operative Module

### Construction of Industrial Plants

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- Construction of Industrial Plants
- Industrial Plant Construction from Project Start, Precommissioning, Commissioning, Closing
- Case Studies on Project Logistics in National International Frameworks
- Interaction between Engineering and Purchasing
- Case Study on Engineering Purchasing interactions
- Managing Construction Projects on Site
- Case Studies on Construction Yard Management
- Planning and Control on Site Construction
- Case Study on Construction Yard Activities
- Safety on Erections, Heavy Transport and Heavy Lifting during Construction
- Babel Experience: competition between two teams each one divided between Site and Office on a Construction Project; the experience is devoted to outline the critical issues related to coordination/cooperation between engineering and constructions as well as aspects related to communication, human resource management and project documentation



Each Operative Module includes a knowledge assessment and the attendees successfully completing each single Module receive a certificate from Genoa University. The Educational Material specific of the course is provided to each attendee



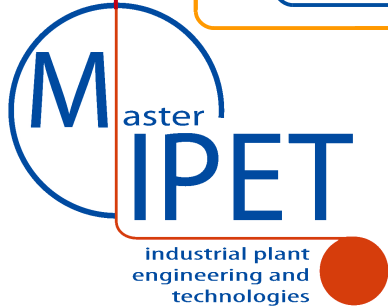
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# Academia, Institutions & Industries

## MIPET ORGANIZERS & SUPPORTING INSTITUTIONS



## SPONSOR COMPANIES

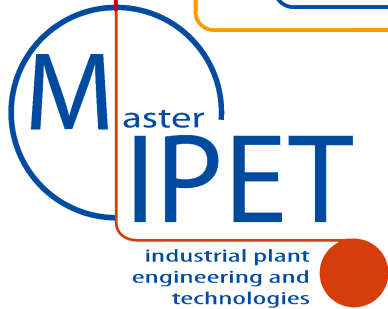


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# References

For Additional Info:



**MIPET Operative Modules**



**MIPET Thematic Modules**



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***www.itim.unige.it/mipet***



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