

Master
IPET

industrial plant
engineering and
technologies

MIPET

Operative Modules

www.itim.unige.it/mipet/modules



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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Project Management

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Objectives

Project Management Module presents critical aspects related to Industrial Plant PM and provides basic concepts and methodologies in Project Management. The course provides knowledge for facing issues in Project Organization, Risk Management, Cost and Time Management, Planning & Control, Quality, HR and Communications

Operative Module of MIPET



Industrial Plant Engineering & Technologies

Course Attendees

Project Management Module is designed for young engineers, technicians and professionals intended to operate as Project Engineers in complex Industrial Plants projects;

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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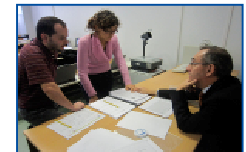
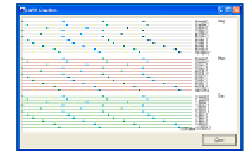
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Facoltà di Ingegneria
Università degli Studi di Genova

CONFINDUSTRIA
GENOVA

Ordine degli Ingegneri
della Provincia di Genova

- Project Management and specific issues related to Industrial Plants
- Project Life Cycles
- Reporting & Metrics for Project Management: PMB & KPIs
- Cost and Time Management, Techniques and Methodologies for supporting planning and control
- Risk Analysis & Risk Management: Risk Source Identification, Quantification, Decisional Trees, Statistical Methods and Simulation
- Communications: Technological Solutions, Information Distribution Policies
- HR in Project Management, organizational planning, People Management
- Quality Management: methods, constraints and critical issues in Industrial Plants
- Project Management Networks and Certification Processes
- Coordination Engineering, Purchasing, Erection, Commissioning
- PM Certification, Societies and International Overview
- Role Play Game: Celebes (Cooperative Engineering Plant, Project Business Exercise and Simulation), work to be completed by coordinated teams concurrently working on a complex industrial plant under coordination of real Project Managers and operating on a distributed simulation



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

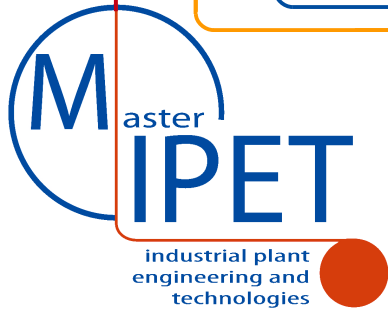


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Academia, Institutions & Industries

MIPET ORGANIZERS & SUPPORTING INSTITUTIONS



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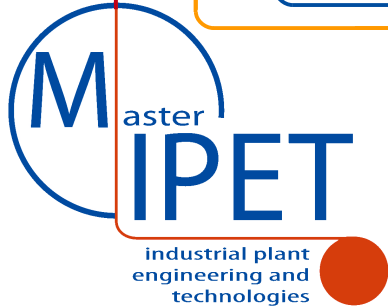


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References

For Additional Info:



MIPET Operative Modules

MIPET Thematic Modules



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