Registration information

Emerging technologies shaping the digital future

Organized by:

Funded by

Global Gateway

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Training details

Modality: Face to Face
Location: São Paulo, Brazil
Dates: *19 May 2025 - 23 May 2025*
Training fees: $0.00
Language: English

Application deadline: 11 May 2025
Training code: 25WS500199MUL-E-D
Contact: danielnunes@inatel.br

Training description

This 32-hour course will cover the key emerging technologies that are shaping the digital future and their applications across various sectors. The content will include an introduction to 5G networks and the evolution towards 6G, exploring their capabilities and impact on global connectivity. The fundamentals and applications of the Internet of Things (IoT) will be discussed, highlighting how this technology revolutionises industries and everyday life. Artificial Intelligence and Machine Learning will be covered, focusing on their automation and predictive analysis capabilities, while Quantum Computing will be explored in terms of its potential to solve complex problems.

The course will also include an analysis of Cloud Computing and Edge Computing, emphasizing how these technologies support modern digital infrastructure. Advanced cybersecurity will be highlighted as essential for data protection in an increasingly digitalized world, and finally, Blockchain will be examined as a disruptive technology that is redefining the way transactions and records are managed. By the end of the course, participants will have a comprehensive understanding of these technologies and their role in digital transformation.

With the generous support of the Global Gateway initiative of the European Union, participation in this training is provided free of charge for selected applicants, including accommodation, meals, and other organized activities. Participants or their organizations will be responsible for covering their travel expenses to São Paulo, Brazil and if necessary visa application costs.

For more information about the training objectives, target population, entry requirements, methodology, evaluation and content, consult the page here.

How to apply

In order to register for the training, applicants should:

1. Create an ITU Academy account here
2. Apply for the course here
3. The selection of participants for the course will be made by the course coordinators, based on the course's entry requirements, selection criteria and available number of seats. If selected, you will receive a notification by email.

The ITU Academy is the International Telecommunication Union leading platform for capacity development initiatives.

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