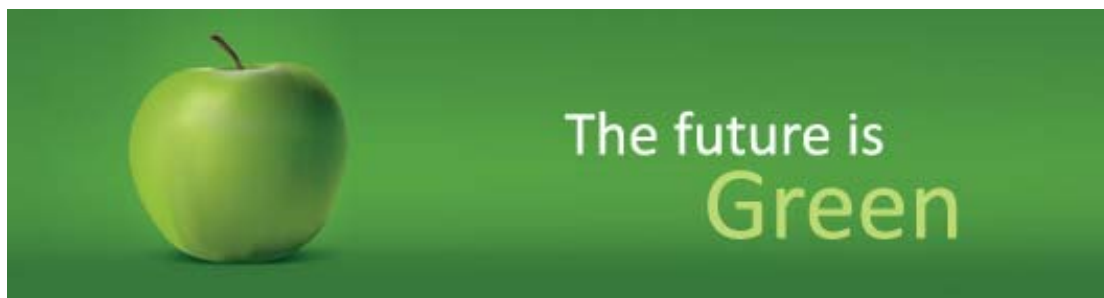


Track 4 | Green ICT



Green ICT Fundamentals

The course aims to provide basic knowledge of Green ICT concepts and best practice principles that will enable participants to optimize the use of ICTs in their organizations through the application of various hands-on tools and techniques.

Expected Outcomes

When participants complete the course, they should be able to:

- Define the concept of Green ICT
- Identify the need for Green ICT
- List the benefits of Green ICT
- Identify the challenges that face Green ICT
- Explain different applications of Green ICT
- Assess the ICT activities on the organizational level
- Apply the strategies of going green

Audience

The course is designed for technical administrators, application developers, system administrators, and architects. It is also of value for business analysts and business managers.

Delivery Mode

Blended Learning (e-learning + facilitator-based)

Language

English

Instruction hours

For students

- Web-based: 8 hours
- Facilitated: 8 hours

Course Outline

Chapter 1: What is Green ICT?

Definition of Green ICT
Key Green ICT Concepts
Initiatives of Green ICT

Chapter 2: Why Green ICT?

Environmental Drivers
Organizational Drivers
Benefits of Green ICT
Challenges of Green ICT

Chapter 3: Green ICT Applications

Recycling
Data Center
Cloud Computing
Virtualization

Chapter 4: Green ICT Assessment

Why Green ICT Assessment?
Standards and Criteria
Assessment Tools

Chapter 5: Strategies for Going Green

Corporate Strategies
Individual Behaviors