



GREEN ICT FUNDAMENTALS

OVERVIEW

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

- Technical administrators
- Application developers
- System administrators
- Architects
- Business analysts
- Business managers

INSTRUCTION HOURS

For students:

Web-based: 8 hours

Facilitated: 8 hours

Delivery Mode

Blended Learning (e-learning + facilitator-based)

Language

English

COURSE OUTLINE

What is Green ICT?

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

Why Green ICT?

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

Green ICT Applications

- Recycling
- Data Center
- Cloud Computing
- Virtualization

Green ICT Assessment

- Why Green ICT Assessment?
- Standards and Criteria
- Assessment Tools

Strategies for Going Green

- Corporate Strategies
- Individual Behaviors