

Module 1

Introduction to Information and Communication Technologies

Lesson 7

What are the Trends and Issues in ICT Development affecting Libraries?

Rationale

To enable the librarian/participant make intelligent decisions when considering ICT applications for the library.

Scope

- What are the legal and regulatory issues that affect ICT applications?
- What are the ethical and moral concerns in using ICT?
- What political, social, and economic factors should be considered in using ICT?
- What are the main security issues concerning computer use/Internet access?
- What technological concerns must be addressed when using ICT in libraries?
- What are the main policy issues relating to ICT, and which developments in ICT might affect library service?

Learning Outcomes

By the end of this lesson, you should be able to:

- Identify the trends and issues in ICT developments and applications.
- Be aware of the legal, ethical, moral, social, economic, and technological concerns relating to computer use/Internet access.
- Define various policy issues related to ICT in libraries
- Recognize developments in ICT that will affect library service

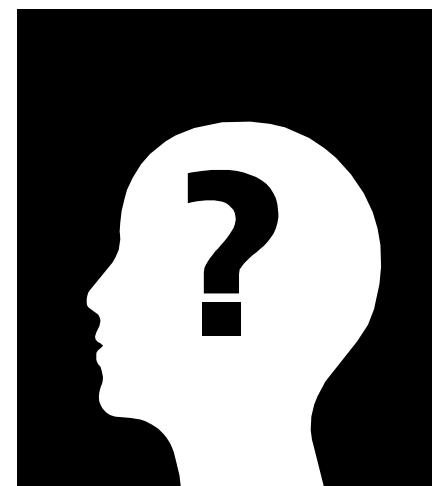
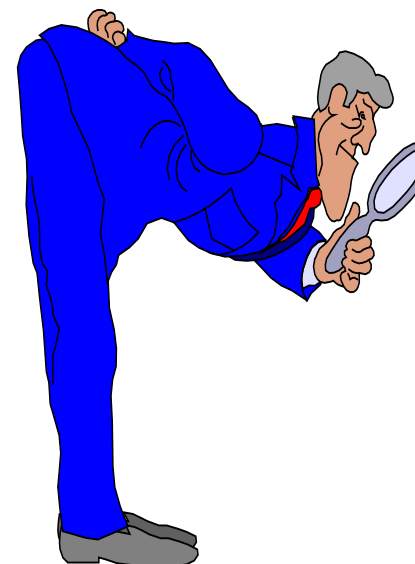
Trends

- Increasing globalization leading to standardization
- Increasing familiarization by users of ICTs
- Decreasing hardware costs, increasing capability
- Increasing software cost, increasing capability
- Increasing open source software options
- Increasing availability of content in various formats
- Continuing development of the Internet



Issues

- Legal and regulatory
- Moral and ethical
- Political
- Social
- Economic
- Technology
- Language and script
- Security
- Other



ICT and Libraries

- Collection Development--Print versus electronic information
- Organization of the Collection--Metadata
- Service—e- services: circulation of e-books, e-reserve, self-service systems
- Library automation—Selection of IL system retrospective conversion, etc.
- Organizational issues: ICT department, marketing and promotion, R&D
- Staff recruitment and development: criteria for selection, training programs
- Digitization: selection of materials, archiving
- Technology considerations
- Budget implications

