

# EMERGING TECHNOLOGIES IN LIBRARIES & INFORMATION CENTERS

LISC-01403  
(Foundation –IV)



## Emerging Technologies in Libraries & Information Centers

---

Libraries are universally recognized as important social institutions and no community is considered complete without a library system. However, libraries are facing change due to impact of ICT, changing patron needs, changing information environment or Web/Google that is trying to replace Reference Librarians. Use of Disruptive technologies is resulting in transition from Print to Digital, Changes takes place from Forms to Formats, Delivery systems, and it is inevitable.

There is a transformation in the need of library users and due to ICT, there is a change in the resources, services and products of the libraries.

## Information and other library technologies

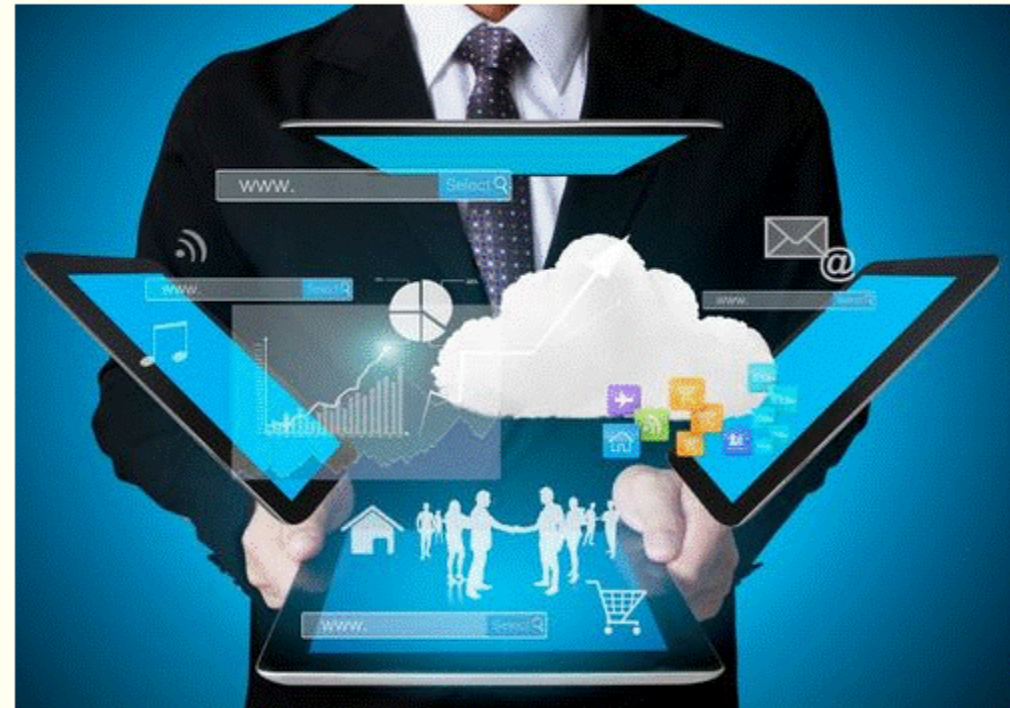
---

The application of information technology in library and Information centers has developed in the western countries since the 1940's. In the 1960's the use of information technology has been started in the developing countries and that too is in different stages. The rapid development of Information and communication technology has made a special impact on the method of information acquisition, Processing, Storing & dissemination of information. The invention of the Internet has brought a major change in the scenario of library and information services. Due to this impact of information technology, it has created challenges and opportunities for the information professional around the world.

# Information and other library technologies

---

The impact of Information Technology is very huge for the library and information work. University libraries have undergone rapid transformation upon the introduction of new technologies from the old conventional method.





# Why Does Technology Matter?

---

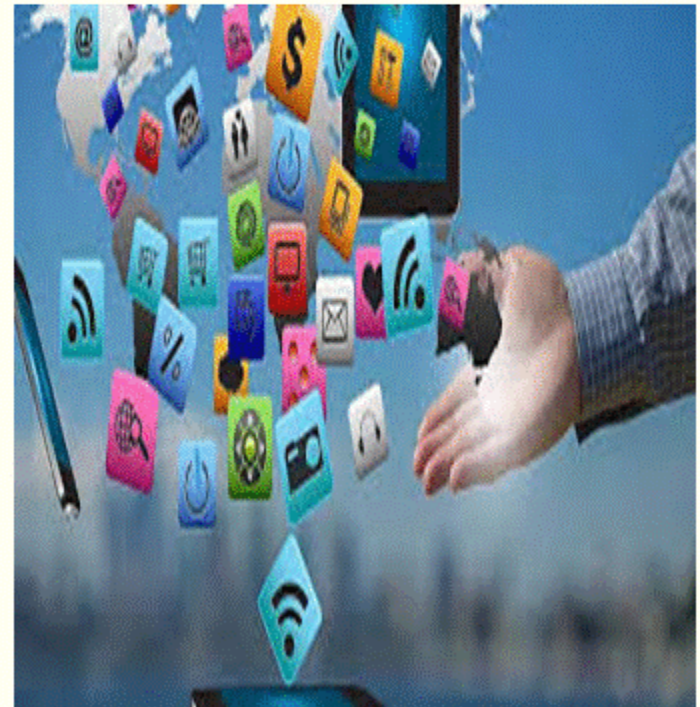
- It's where our users are
- Communications possibilities are evolving on the Web
- Technology enables new opportunities for servicing patrons' needs.



# Advantages of Information Technology

---

- There are many advantages of Information Technology. Some important points are cited below:
- Easy to collect different library resources
- Collaboration & creation of Library network
- Avoids time-consuming effort done by the librarian
- Increases the range of services offered
- Less time consuming
- Efficiency can be increased
- Easy & speedy access to information
- Improves the quality of library service
- Increases in the knowledge & experience



## Advantages (Cont...)

---

- Improvement in the communication facilities
- Remote access by users
- 24x 7 service can be offered
- Access to unlimited information from different sources
- More up to date information
- The flexibility of Information to the users
- Workload reduce of library staff
- Combining data from different sources

# The Components of IT

---

- Accepting and storing data and information
- Performing mathematical calculations
- Applying logic to make decisions
- Retrieving, displaying, and sending information
- Consistently repeating the above actions many times