



## Impact of ICT: Changing Role of LIS Professionals

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***Abstract:** the present paper has been focused on impact of ICT on professionals. In this discussed on facing problems for using ICT and his competencies.*

### **Introduction:**

Present generation of library requires the librarians to be essentially a type of specialist librarian who has to manage and organize the library would be suited the current environment. And handling the specialized tasks of massive services, electronic information services, search co-ordination, and manage the digitization, storage, access, digital knowledge about mining, electronic reference archive and its access. We are observing that computer and communication technologies have drastically and directly affected the human activities including library and information science practices. Currently, the concept of librarianship and its practices have also changed considerably. Presently libraries are engaged to modernize their operations and activities to provide fast, integrated, interactive and comprehensive services to their stakeholders. Rapid advances in information processing, storage and communication technologies have revolutionised the role of worldwide libraries in disseminating information services to their users. The librarian acts as guardian of the information superhighway / the universal digital library or the global digital library. This paper tries to highlight the roles and functions of Librarian who is improved to suit the modern library in information retrieval, content Delivery, navigation, and browsing

### **Definition of ICT:**

*Adeyoyin (2005) cites Bayode who defines ICT as “the acquisition, processing, storage, and dissemination of information by means of computers and other telecommunication equipment.”*

As a result, libraries are facing new challenges, new competitors, new demands, new expectations and a variety of information services from users tailored to their wants and needs. The new technologies have facilitated the transformation of data into digital format. In the same direction with IT thrust, the concept of digital library has emerged globally. Various universities and institutions of higher learning have initiated to have digital libraries in their



respective environments. Over the last few years' information has been produced digitally and libraries have become major providers of information in digital format.

Today's environmental pressures are forcing libraries to focus on accelerating technology, innovation, technical complexities, social and legal issues, cost, risk, competence, staff and technology itself. Since the dawn of 21st Century, libraries are facing serious transition. Therefore, library professionals have to act in a proactive manner to support the twenty-first century educational change. Professionals working in such libraries need continuous grooming by acquiring core competencies and new skills so that they never become obsolete in this fast changing environment. The libraries and librarians globally as well as locally are facing various challenges due to the implementation of ICT, unprecedented growth in printed And electronic resources, recent trends and developments in teaching learning Librarians need to face various challenges for providing efficient, effective and personalized value added services and products to the stakeholders. Some of the major challenges faced by librarians are listed below:

- Expanding Electronic Information Environment
- Development of Information Infrastructure
- Need for Web based Services
- Resource Generation
- Explosive growth of Information
  - Resource Sharing and Collaboration
  - Industrial Interaction
- Need for Quality based Services
- Marketing of Library & Information Products
- E-Collections Building
- Digital Rights Management
- Digital Preservation

### **Ten Competencies for LIS**

The following ten competencies skills are required to lead good library professionals in the world. Such as

1. Using relevant developments in information technology like e-mail, Internet, Intranet, multi-media, imaging, interconnectivity, full-text databases, in-house CD-ROM publishing, etc.
2. Converting the functions of cataloging, circulation, acquisition, serials from manual to an automated mode



3. Planning for library automation: assessing needs, system specification and procurement of resources, etc.
4. Training staff and users in using automated systems
5. Leadership skill
6. Comprehending the impact of information technology on libraries
7. Managing automated systems (input, file maintenance, backup security etc.
8. Demonstrating good interpersonal skills and effective verbal and writing communication skill.
9. Developing a sound knowledge of ready reference sources
10. Designing and developing Web-based materials and documents for online use

### **Paradigm Shift in the ICT world**

The rapid development in computer technology as well as economic changes has made it clear that the role of the 21st century Librarian as information intermediaries must undergo immense change. The changes are at such a fast pace that catch day new skills and approaches are required to India and the to enhance their knowledge and acquire new competencies, skills and develop technological advancement have forced the library and information professionals themselves in accordance with the new environment to avoid becoming obsolete and outdated. Thus, it has transition or paradigm shift in traditional to ICT skills and environment.

### **Conclusion:**

In the current era maximum impact of has been done on LIS professionals so that his role about his work has been totally changed. He should be aware and accept new changes. And also face the new changing problems related our job.

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