

## CHANGING ROLE OF ICT IN LIBRARY SERVICES

Dr. Ravindra B. Bagul\*

### \*Librarian

R.N.C. Arts, J.D.B Commerce  
& N.S.C. Science College,  
Nashik Road, Nashik,  
Maharashtra,  
India.

#### QR Code



**ABSTRACT:** - *The ICT (Information and Communication Technology) growing a very speedily in the modern era. The information Environment around the world is changing day to day and growing at a tremendous seeds due to the emergence of the web based information and communication technology. In the present information environment has brought a lot of changes not only on the library services but also on the roles and expectations of the library professionals to satisfy their user's information demand. Library and information professionals are being affected by a range of digital developments and so find their roles changing world wide. A Librarian with diverse talents and training and who is flexible, will be able to meet the challenges of future library scene. Due to the rapidly growth of ICT the Library has changed their work and moved from traditional to modern era.*

*The present paper has discusses on the development of information and communication technology and its application in the library services.*

**KEYWORDS:** Information and Communication Technology, Information Environment, Library Services, Information Technology, Information Services.

### Introduction

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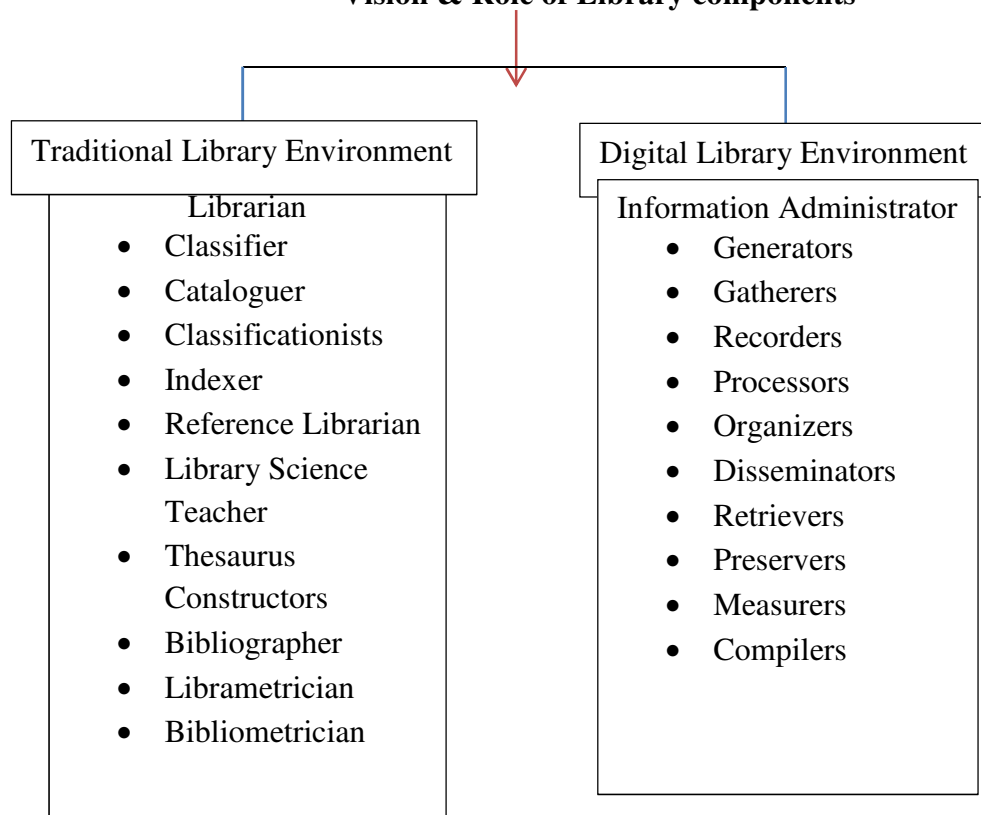
In the information era the ICT plays a very important role in human life. Now the ICT is the one of the important part of everyday activities.

The ICT also play a very important role in Education. Internet is one of the important tools of ICT. So, the ICT has also changed the path of activities and services of library

. The ICT has also changed the totally work of library as well as Library management system, access method of information and library services, by using new advanced devices.

LIS Professionals have been playing a versatile role beyond their traditional job. They have to gather adequate knowledge of computer and communication technologies, network and networking, operating system, internet concepts, database management system, along with adequate practical exposure to handle technological devices. The role of librarian and the needs of user also changed due to the all these development. The librarian has changing its role form library custodian to library facilitator or information manager. In this changing scenario, objective, role and function of library and librarian need to change and be reconstructs. If library and library profession has to continue in the changing era, creation of electronic libraries, digital libraries or virtual libraries are the products of this ICT development. ICT is used in housekeeping operations such as cataloguing, circulation, acquisition, serial control, library services and digital library section etc. Through this modern information technology the library is providing 24 hours services to its users on very low cost and very short time. This change of library services is essential because quality attracts the user towards the use of library resources and services.

### Vision & Role of Library components



### **Benefits of ICT Services for the Libraries**

The ICT Products & services are beneficial for the library in the following ways:

- It provides efficient and accurate services;
- It saves the time, Space, energy, Money, Mean Power and resources;
- It helps for controlling the tremendous escalation of information;
- It assists to provides high quality of services and increases the range of services
- It has invented the ways of resources sharing by cooperation and coordination;
- It helps for the betterment of library image by providing better services in modern ways.

### **Modern Library Services**

According to demand of user in the present technology era it is the necessity of modification of traditional library services into modern library services. Following are the some important technology based library services useful in the digital environment.

#### **E-Books**

E-Books are the most useful product for use digital age users. Libraries and resources centers should be compilation of E-books in such a manner which is beneficial to our patron in finding according to their requirements. E-books

offer advantages like portability, 24 hours access, text search, annotation, linking and multimedia and self-publishing. In the library number of CDs comes with printed books, if the library has uploaded these CDs on Library Computer or website, library users can use these books for free any time anywhere.

#### **E-Journals**

E-Journals can be accessed via internet form any web enabled PC. one or more users can access the service simultaneously. E-Journals also offer benefit of full text searching and downloading of articles. Technology based libraries can subscribe electronic journals through library consortia, portal or databases, so that they can provide e-journal product to the users. E-Journals are easily access by the users anywhere, any time.

#### **E-Database**

E-database is online collection resources, like a collection of abstract, newspaper articles, maps, online resources collection etc. Libraries and resources centers con subscribe to patron needs so they can get the information as they required.

#### **Institution Repository**

Library and information professional must create their own institutional repository. In the institutional repository, library includes their own research materials such as research articles of

institutional researchers, theses and dissertation of student and faculties, administrative documents, course notes, mate to retrieve and use of this material as their educational or research needs in the institutional repository in digital form.

#### **Audio/Video Lecture**

As per the subject coverage of the institution, library may link the audio/video lectures on the library website. users will prefer the library website for those lectures

#### **CD/DVD Collection**

Libraries and information centers should be produce CD/DVD collection like guest lecture, precious delivery of the prestigious personalities etc. when library users are not able to attending the conference, seminar and guest lecturers then they have the facility of same CD/DVD in the library.

#### **Web OPAC service**

Search Library Catalogue the entire Library collection including books, journals, thesis, etc. can be searched through the web enabled online public access catalogue. Users can access the OPAC to find out the real time availability of library materials form their own computer terminals. Faculty and study can reserve items, which are on loan. Faculty is also encouraged to send request for new acquisition in the library through the OPAC. On the OPAC the users can be search the document by name of author, title of document and by subjects. Web OPAC is a web based searching platform, developed with advanced information

technologies for dissemination of information to the users.

#### **E-mail**

E-mail is the most universal application on the internet and it can be used for direct communication with potential users. There are many benefits to using email as a promotional tool. Mail shots are an effective medium that creates personalized services, with information about library activities and events, membership renewal.

#### **Instant Messaging**

Library help the patron enquiry answering service is trialing an online instant messaging service for answering enquiries. The service is aimed at library users with quick enquiries, and those users who may not be able to telephone us.

#### **Wi-Fi Service**

Wi-Fi, short for wireless fidelity, is set of standards that enable to access the internet on your laptop or other supported device through wireless technology. Wi-Fi may offer some better services in the libraries and information centers. It provides access to the remote users, where user community can access the databases like CD-Rom databases, bibliographic databases and services like library web pated, off campus services through the library web pages.

#### **New Arrivals**

Libraries and Information Centers are online display new arrivals through library webpage like new book, E-books, reports, e-

journals, online databases, online reference works and DVDs arrive in regularly. You may use instant messaging and other types of alert services for new arrival.

### **Blogs**

These are a continuously updated websites, created by individuals or organizations. They are generally free. The library and information centers can be created their own library blogs and provide the services through the blogs.

### **E-CAS & SDI**

The library and information centers can be provide the E-current Awareness and E- Selective Dissemination of information Service to the users with a list of latest e-documents and new issues of e-journals on specific subjects available in the library. Using the web tools we can design the strategy for providing current services through the website.

### **Online Exhibition**

Librarian may organize online book exhibition through library webpage to promote use of library resources.

### **E-Syllabus**

Library and information centers can be upload the all the syllabuses and related notes over the library website.

### **E-Newspaper**

Now a day's all news paper are available in the E-format. The library and information centers can provide the e-newspaper service through library webpage.

### **Translation Service**

The Library and Information centers can provide the translation service through translation software. The translation software it is easy to provide translation service i. e. Google Translation and so on.

### **Indexing and Abstracting Service**

The prepared list of keywords which helps user to locate required information. We may prepare an index printed journals article, magazine article, newspaper article, and books chapters etc. with indexing we may create an abstract and link to the index keyword.

### **Conclusion**

ICT is one of the most important parts for every person and every profession now days. Library is very developing field in this world and changes is a continuous process. Library profession must able to accept this all changes and live up to date with current technology. Using the ICT tools and techniques we can reengineer our library services. Using the web based library services library towards the reengineering traditional library system. The web based library services may become more feasible and sophisticated to the users. Above some important technology based services and products are very useful to introduce in the libraries and information centers. So, ICT based Library services is most important and need of the day.

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