# Role of ICT in libraries

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## Abstract

Higher education is the center of learning specially for research and development. ICT helps in communication of information from one place to another place. ICT implies in a lot of fields of higher education as equity, access, management, efficiency, quality and retrieval of information.ICT is currently taking center stage and transforming whole world into a global village with global economy. ICT's reduce the time, distance, space and so many things. Education is mainly concerned with the society. If the society is well educated then it will improve the thoughts of persons. ICT has changed the thoughts of person. Libraries are the heart of the higher education. They play a vital role for the development of human thoughts and communication of knowledge. Now a days the techniques of communication has been changed. They are become very advanced. The recorded knowledge which was kept in the library are now open to all. ICT help to manage the libraries.

## 1. Introduction

In ancient time the libraries was for only collection of knowledge. They were consider as store house of knowledge. The services of libraries was not so fast and they are limited for use. The concept of libraries has been revised according to the need of user. The services of library as collection development, reference services, document delivery services, management services, information storage and retrieval are assist to users need. The basic essential purpose of ICT to manage the huge collection of library. It is indispensable to use modern technology to make library services faster. The libraries are facing a new generation of online users. The technologist and librarians jointly work together and search the way to satisfy the users need. The successness of library is depend upon the satisfaction of the library users. In present scenario the quickest library service is approachable through the world- wide web and internet. To provide information to write users at any time from anywhere in the right way (Fischer,2012)is possible using web based technology setting.

### 2. Information Technology

Due to invention of information technology in the field of library and information science tremendous development has been seen. With the use of information technology and internet the library work has become very fast. The information is the basic need of every human beings. It is joint it is just like of air for survival of living things. Information technology is the use of any computers, storage, networking and other physical devices, infrastructure to process, store, secure and exchange all forms of electronic data.

## 3. Objectives of ICT

3.1 To aware the users for the use of ICT for quick library working system.

3.2 To promote different features of ICT in the field of library services .

3.3 To motivate the library users for using the ICT.

3.4 To promote the library users to use of OPAC and web OPAC for search library   resources.

3.5 To reduce the communication gap.

3.6 To save the time of readers and provide accurate information.

## 4. Tools for ICT

There are some tools use for implementation of ICT in libraries are as follows

4.1 Computers with high speed.

4.2 Library maintenance software.

4.3 International credit facility of high speed.

4.4 Human resource and their motivation.

4.5 Qualified and knowledge for library staff.

4.6 Capital for investment.

## 5. Fields of Library Using ICT

Use of library automation software is the excellent way of reducing human involvement for library services. The main aim of ICT is to provide maximum services in minimum time and lowest cost.A lot of software are available in the field of library automation such as SOUL 2.0, KOHA, SLIM 21 etc. The functions of these software to automate the following library services:-

### A. Technical Services

1.Book acquisition

2.Serial control

3. Database designing

4. Stop verification

5. Classification

### B. Library services

1.Circulation services

2.Reprographic services

3.Current awareness services

4.Selected dissemination services

5.Database services

6.Internet services

### C. Library Administration Services

1. Management support

2. Budget control

3. Maintenance of Record

4. Library statistics

5. Generating reports

### D. Resource sharing

Resource sharing play a very important part with the help of Information Technology. It reduce all the barriers for research and development and provide right information to write users at right time.

## 6. Advantages of ICT:-

1. Helps to avoid duplication.

2. Easy to gather other library activities

3. Increase efficiency

4. Save the time, energy, space and money

5. Improve the status of library

6. Provide up to date information

7. Reduced distance

8. Speedy and easy access of information

## 7. Disadvantage of ICT

Cannot use remote Areas where high speed internet facility is not available. At initial stage it is expensive. Remote areas users are unable to understand the technology.

## 8. Conclusion

ICT plays a vital role in the different field of library. Introducing of ICT in libraries, the library services are become very fast and users friendly. The manual work of library has been reduced but the technical work is increased. Libraries are become very advanced and open 24x7 hours on the mobile phone. Resources of libraries are easily accessible and use by large number of users. The successfulness of a library and the library professionals always depends on the quality of the services. There is growing need to organize and retrieve subject information on the internet. IT continue to play their supportive role in helping libraries to full fill mission of acquiring, organizing, disseminating and preserving knowledge for future.

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