

IT - based Library Collaborations

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Abstract

It examines information Technology as one the major tools of tomorrow to shape our society and our institutions particularly our libraries as one of the most important influences in education, culture and society. Today's now a days IT changes all the aspects related with the users. In library it should cover in all manners. This paper discusses the issues and role of Librarianship in this era.

Keywords: - Changing Libraries, Information Technology, Components of Information Technology, Role of Librarian, Skills Development

Introduction

In a world that has become more visually oriented, our education and information infrastructure must develop techniques to incorporate these changes. Information technology, through the melding of computer technology with communications, digital imaging, and full motion video and sound, can be a powerful ally to improving education and thus improving skills for gainful employment. But, in order to do this, libraries and librarians will have to change. Real world problem can be approached on an educational level by developing an infrastructure of high quality information technology. If the right changes are made by libraries of every persuasion, there should be a good future for automated library systems and related information technologies. These systems can and should become major information delivery systems to a wide variety of societal segments.

Changing Libraries

It has been evident for over half a century that libraries can no longer comprehensively collect in a wide variety of subject areas. Thus, a long

history of cooperative networking and interlibrary lending has been the mainstay of satisfying ever widening and interdisciplinary subject material demands of research, scholarly and student users. New publishing techniques such as CD – ROM, multimedia interactive computer works, machine – readable text files on the Internet, and collections of scanned materials stored in image and character formats are increasingly becoming key parts to library resources. These collections are accessed and controlled through specialized retrieval software and LANS with Internet connections. The new publishing formats and systems are pushing the envelope of the library community to supply and service clientele using these new mediums. The local area network, with its ability to provide wide CD-ROM access as well as institutional connectivity to both the library and to the Internet, is the underpinning communications system of today's forward-looking library.

Information Technology (IT) is the application of computers to store, study, retrieve, transmit, and manipulate data or information often in the context of a business or other enterprise. It is considered a subset of information and communications technology (ICT). At some point in the not too distant future, cable television companies will undoubtedly begin offering carrier services to allow individual homes to connect to such networks as the Internet, with software and connections that are easier to use than today's modem communications. According to the Webster's new encyclopedia, "Information Technology is the collective term for various technologies involved in the processing and transmission of information they include computing telecommunications and microelectronics." ALA Glossary defines it as "Information Technology as the application of computers and technologies to the acquisition, organization, storage and dissemination of information.

Components of Information Technology

Technological change is becoming a driving force in our society. Information technology is a generic term used for a group of technologies. Following are the components

- Data
- Information
- Computers
- Networking and
- Mass
- Software

Applications of Information Technology in Library

- Library Management
- Library Automation
- Library Networking
- Audio-Video Technology
- Technical Communication

Role of Librarian

Librarian is playing very important role in building the Library. There are various aspects in library which are related with all the corners. As we seen there are various ways of information daily entered in our society. That becomes very crucial issue about the place. It occurs in various forms. And every Reader wants the information. For that reason the Library is seeking to have it. Place the very important issue. As far as the Generation is going on the place can't be expanded. For that thinking for about 50 years plan Library should build. Librarian this era having some skills which can be implementing in daily work. There electronic environment of the 21st Century will demand a range of skills from Library and Information Science (LIS) professional, including ;

- Technical skills,
- Information Technology skills
- Managerial skill

According to National Knowledge Commission, India, Skills required fulfilling the changing role of libraries are:

- Library and Information Handling skills;
- Service Orientation;
- ICT knowledge skills;
- Communication and training skills;
- Marketing and Presentation skills

Conclusion

In any field there are lots of difficulties but if there is a will there is wish. Librarian is also having many problem facing. In many libraries there is a crucial point that there is lack of money investing in library. But there is enormous change in the mind of Patrons. This gives the positive sign for Library. Lack of Manpower and Lack of IT knowledge between the colleagues. There is a little bit of hesitation that the computer information is very difficult to understand us and the work is very hard. In general there are lot of people among us that they can't do work on

computer and coz of this they are illiterate in computer. There are various courses in computer literacy. In Library Librarian is the person which should be the neck of library. He should teach the entire attendant after that the situation will change.

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