



IMPACT OF INFORMATION TECHNOLOGY IN LIBRARIES

Dr. K. Senkodi

Librarian, Seethalakshmi Achi College for women, Pallathoor, Tamilnadu - 630002

ABSTRACT

Information is an important for human development as air is crucial for the survival of all living organisms on earth, as well as human beings. The pace of amendment caused by new info technologies contains a key impact on the way individuals live, work, and play worldwide. The increasing role contend by info technology within the development of library services for an energetic reaction to the challenges of the knowledge service providing. The paper makes an attempt to debate the quick development of data Technology and its application within the library services. Today libraries are equipped to accomplish the new info Technology based mostly services. Information Technology enabled services fulfill the data desires of the users at the correct time within the right place to the correct person.

KEYWORDS : Information Technology, Libraries, Electronic Library, Digital Library, EResources

INTRODUCTION

Information is that the key issue of any kind of analysis and development. Information could be a elementary resource that is important for survival in today's competitive and wired world. The info itself and approach it's accessed have undergone changes attributable to the developments in information and communication technology. It is an important ingredient for socioeconomic and cultural development of any nation or individual. According to Kemp" info is taken into account because the fifth would like of man ranking after air, water, food and shelter". The value of data in each human endeavor can not be overstressed. Quick and easy access to every required information is a supreme importance especially for libraries . Information technology application and also the techniques are being employed by the libraries for informatics, storage, communication, dissemination of information, automation etc. Further, origin of web and also the development of World Wide web revolutionized the data communication technology. Recognizing the advantages application of information technology the libraries are essential to provide the facilities to their user community .

INFORMATION TECHNOLOGY

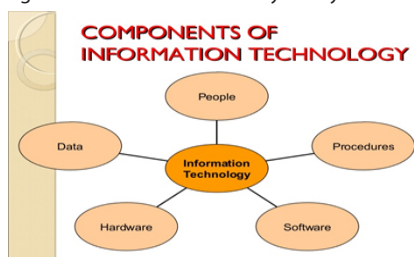
a) in keeping with the Webster's New reference, "Information Technology is the collective term for various technologies involved in the processing and transmission of Information they include computing telecommunications and microelectronics".

b) according to ALA glossary "Information Technology because the application of computers and technologies to the acquisition, organization, storage, retrieval and dissemination of information".

c) according to Brits Department of business, it defines Information Technology as "The acquisition, processing, storage and dissemination of vocal, pictorial, textual and numerical information by microelectronics based combination of computing and telecommunication

COMPONENTS OF INFORMATION TECHNOLOGY

Technological change is becoming a drive in our society. Information technology could be a generic term used for a bunch of technologies. Following are the foremost elements of data technologies as most relevant in trendy library and data system.



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The application of data technology in library and knowledge centers has developed within the western countries since the 1940's. In the 1960's the use of data technology has been started within the developing countries which too is in several stages. The speedy development of data and communication technology has created a special impact on the strategy of data acquisition, Processing, Storing & dissemination of data. The invention of the web has brought a significant modification within the scenario of library and data services. Due to this impact of information technology, it's created challenges and opportunities for the knowledge skilled round the world.

The impact of information Technology is incredibly vast for the library and knowledge work. University libraries have undergone speedy transformation upon the introduction of latest technologies from the recent typical methodology that is shown within the form of table

| Sl. No | Information activity | Conventional method | New Technology |
|--------|--------------------------|--|--|
| 1. | Generate, originate | Writing, Typing | Word processing, Text editing, Character recognition, voice recognition. |
| 2. | Preserve, store | Manuscript, Paper print media | Electronic publishing, magnetic storage, Videotext, Tele-text, Computer disk, Rom |
| 3 | Process | Classification, Cataloguing, Indexing | Electronic data processing, Artificial intelligence, Expert system |
| 4 | Retrieval | Catalogues, Indexes | Database management system ,Information retrieval off-line, On-line. |
| 5 | Disseminate/ communicate | List, Bibliographies, Abstracts, Hard copies | Electronic mail, Electronic document delivery, Computer conferencing, Telefacsimile, View data |
| 6 | Destroy | Physical weeding | Magnetic eraser, Optical erasers, Reuse the medium |

ADVANTAGES:

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
- Integration within the organization
- Improvement in the status of libraries
- 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

DISADVANTAGES:

Though this can be ignored, a few points can be raised as disadvantages factors on the use of IT in the libraries. They are:

- Lack of trained LIS skilled to handle IT devices;
- Establishment cost;
- Other recurring expenditure;
- Lack of infrastructure and above all;
- rapid growth and development of IT devices and their implementation within the machine-controlled setting

CONCLUSION

As ultimate remarks, it is reminded that libraries are operating in a quickly changing situation, they should be aware of latest technologies to continue and maintain the importance of the service offerings. Utilization info Technology in present libraries is optimistic to realize right information at the correct time within the right place and at the correct value. Information Technology helps to progress the rank of the library and it condense the work stack of the library professions. Information Technology has broken the worldwide boundaries, new equipment and ways facilitate to supply higher services to our purchasers.

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