



ISSUE AND CHALLENGES WITH ELECTRONIC INFORMATION RESOURCES MANAGEMENT: AN INTRODUCTION

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Abstract:

Library professionals are familiar with the management of traditional information resources, but the development of information and communication brings many changes to information resources. Information resources are currently published in electronic format. A collection of electronic information resources distributed and accessed by a computer or electronic device. Utilizing library professional skills, we create a collection of books tailored to each library user and achieve circulation among users. Library staff also need to develop skills to promote electronic resources. The management of electronic resources has many issues that affect the development of libraries.

Keywords: Electronic information resources, management, collection development.

Human being started to develop their knowledge from its existence. From the beginning of civilization, human shared their knowledge generation to generation. After invention of writing skills and writing material, human started stored it in the form of books. Creation of knowledge is main feature of human. it is very necessary to develop knowledge for human wellbeing, for that purpose knowledge should be well scripted and written to understand by others. This written knowledge is a asset of human beings. Its helps to them to develop socially, politically and economically. This knowledge stored in libraries from past centuries. From the beginning of 21st century implementation of information and communication technology has changed the scenario of library. Due to development in information communication all the sectors like social, business, medical etc. develop its services as per their field. How can library be apart from development? Libraries also started developing with the help of information communication technology In the modern era library and information centres started circulating information in electronic mode. By using Information communication technology, library professional saves their time in collection development, circulation, dissemination and other library task. Due to information communication technology, access of electronic information resources become very convenient and timely to users from the comfort of their own places.

Library is a service centre where librarians provides services to satisfied library users information needs. Librarians are introducing many information communication technologies based library services in the library by which they can save time of users and justifying the fourth law of library science. Library can produce new services and provide faster access to its collection. The Implication of electronic information resources has created opportunity as well as challenges for libraries. Library collection should be match with user's need, its depend on library professional's skills, that how much library professional aware about user's

requirement. Traditionally libraries depend on printed information resources to circulate information to its user's requirement. It was not easy task to perform because it was time consuming and hectic task for library professional. Now from beginning of 21st century development in information technology come with changes in information resources. Due to the development in information communication technology, information resources started publishing in big way in the form of electronic.

Introduction to Electronic Information Resources:

The libraries in modern period consist of print collection as well as electronic collection. The librarian required to organised these two collections simultaneously in the libraries. The Library regular task like acquisition of sources, and organize the sources, cataloguing, dissemination of electronic sources is very difficult than the housekeeping operations of print media in these libraries.

In the modern era it is very challenging job while assimilation of electronic resources and organization, dissemination of electronic resources to the end user. Library professional required sufficient knowledge and training to provide effective services to the users in a challenging way for automation, information communication technology

Electronic information resources are that 'information resources which provided in electronic form, and these include resources available on the Internet such as e-books, e-journals, online database, CD-ROM databases and other computer based electronic networks, among others'.

Categorise of Electronic Information Resources:

- Primary Sources of Electronic Information Resources are like electronic conferences, electronic journals, electronic pre-prints and e-prints, electronic theses and dissertations, patents, standards, technical reports, project reports are being included status reports of current on-going projects, news, software courseware, tutorials, manuals.
- Databases, Data sets and other Collections are included abstracting and indexing databases; digital collections comprising images, audio, video; scientific data sets comprising numeric, properties, structural databases; library catalogues; virtual libraries; museums and archives, etc. electronic books, generally online book selling and print-on demand features are also facilitated.

Types of Electronic Information Resources:

- E-Book: Electronic-Book is like any physical book, it can be downloaded and read with the help of a computer or electronic devices.
- E-Journal: In library collection e-journal plays important role. E-journals are scholarly journals or intellectual magazines that can be accessed via electronic devices.
- E-Newspaper: An E-Newspaper is also known as online newspaper or web newspaper that exists on the World Wide Web or internet.
- E-Magazines: An E-Magazine is very important part of every library collection. E-Magazines are one application of information technology.
- Databases: In databases information's are stored in large quantities. The Macmillan dictionary of information technology defines 'a database as collection of interrelated data stored so that it may be accessed by authorised users with simpler user-friendly dialogues'. Databases have lots of characteristics like easy to retrieve information

quickly and flexibly, storage, Databases help to organize and reorganize information, user can quickly switch between schemes. It has facilities to print and distribute information in a variety of ways.

- Multimedia products like audio visual, text, etc.
- E-Thesis: PhD thesis and Dissertation also published through e-format.
- E-Patents: the government grant the permission for making use invention, this patents are also published in the format of e-patents. the exclusive right granted by to make use of an invention for a specific period of time. Patent protected as it cannot be used commercially, distributed or sold without the owner's consent.
- E-Standards: Authoritative agency makes standards as definition, limit rule, approved and monitored for complains.

Issues and Challenges of Electronic Information Resources :

Library users visit libraries to meet their information needs and take advantage of the resources & services that libraries provide. In traditional library environments, users depended on printed information resources to obtain information. Libraries are currently facing the challenge of a changing electronic environment. In an electronic environment, these libraries provide information resources in a variety of formats and offer innovative services to their users.

It is expected to provide rich electronic resources to meet the demands of ever-increasing users. Libraries spend a lot of effort identifying electronic information resources (EIRs) because they don't just happen to be found in libraries. Electronic resource organization and management in libraries is a coordinated effort to select, acquire, catalog, and maintain electronic resources. This is required for the e-resource to run properly. While practicing the use of electronic resources in the library, librarians should learn about electronic information resources and materials available on the Internet. While practicing of electronic resource in library, librarian has to keep searching of important information about electronic information resources and resources available on internet.

Many researchers have pointed out in their studies that developing countries do not have enough electronic information resources for users. This indicates that there are administrative issues affecting the development of the library and that there may be no development policy for the EIR.

- Librarians have to work between grant approvals by authorities. The lack of subsidies is also one of the management problems, as the price of electronic resources is very high. Because the library is a nonprofit organization, budget is a consideration when purchasing electronic resources. There are some issues with using electronic resources, such as publishers providing licenses. Librarians must be aware of intellectual property rights, as electronic resources can be easily copied and easily transferred to others.
- Library professionals should be careful while purchasing as the electronic resources available on the market are not standardized by MARC21. Infrastructure is also an issue, as it can be used with the support of information and communication technology components.
- This hybrid environment requires integrated library software (ILS) to manage electronic content and traditional content libraries. This required integrated library software (ILS) is so expensive that library governing bodies will not allow the purchase of such software.
- Our Prime Minister Shri. Narendra Modi recently launched ultra-high-speed internet through 5G wireless technology, it is also true that internet connectivity is poor in rural

India, and without internet speed, data transmission between users is unthinkable. Because of the Internet, this is also one of the challenges in managing electronic resources.

- Information and communication technology training programs for library staff are very necessary as the main problem with electronic resources is the inexperience of staff. To handle electronic resources with appropriate skills, libraries need skilled personnel to carry out various training programs.
- There are insufficient electronic information resources available regarding various research fields.
- Large-scale software piracy and plagiarism are important issues challenges library professionals currently face in providing Electronic information services.
- The biggest challenge facing librarians is in knowledge societies, there is a general lack of clarity of vision and directions.
- Technology has change organizational structure is also an important issue when changing roles of librarians in the knowledge society.

Above mention fundamental factors are important enough to hinder meaningful library development and impact the management of EIRs.

Conclusion:

The development of information technology has provided the way for the development of library services, but as mentioned earlier, libraries in developing countries face many challenges in managing electronic information resources. These issues and challenges impact library development.

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