

Challenges & Skills of Library Professional in Digital Resources

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Abstract

E-resources and their increased use have changed the overall perspective of the library. Electronic Resources are gradually replacing the hard copy material of the library. E-Resources focus on various aspects. Digital technology has made it simple, fast, and comfortable to apply the stored assets. The beginning of technology has made the libraries add new areas to their collection. Hard copy resources are now digitized. E-resources information sources are now more essential for academics. This arranged information through the time has to be used for further research, and for the betterment and overall development of the society too. Electronic resources are easily accessible to all the places online.

Keywords: E-Resources, E-Books, E-Journals, E-Thesis and E-Newspaper

1. Introduction

The information which is available in electronic form via the internet is called e-resources. Electronic resources are gradually replacing the print of the library and most of the academics are depend an E-resource is an electric information resource that you can access through the Website or offline.

E-Resources is one Part of the “Invisible Web” The Information which is available in electronic form via the internet is Called Electronic Resources. Electronic Resources are gradually replacing the print material of Library and most academicians depend on e-resource. In this changing Library circumstances, it is highly essential to manage these e-resources properly for their wide and effective use.

E-Resource is an electronic information resource that you can access through the website online or offline. You can get the information you want when you need it 27x7x365. An electronic asset is any information source that the library provides access to in an electronic format.

Today maximum information in electronic resources i.e. e- journal e-Magazine, e-book e-Newspaper, database, Standers, Patents, are available resources through online

Advantage of E-Resources

1. It allows remote accuse.
2. It can be used by many users simultaneously
3. It is inactive and allows interaction between author-publisher and user.
4. It provides timely access to documents
5. It does not require physical processing
6. It Provides improved access through full text Searching.
7. It can solve the problems of missing issue of the journal

8. It can be updated more easily and reduces storage space.
9. E-resource can be searched quickly and easy often through the complete full text of articles.
10. User friendly
11. Easy to access anywhere any time
12. Access 24x7x365
13. Instant access
14. No need to purchase multiple copies in the library
15. The cost of maintenances of e-resources is very less.

Disadvantages of E-Resources

1. Hardware and software compatibility issues between publishers and users.
2. Excessive printing of the document
3. Initial high infrastructure and installation cost
4. Need special equipment to access
5. Causes more concern about Copyright.
6. Efficient manpower is required
7. Lack of compatibility among different publishers
8. Efficient manpower is required
9. Causes more concern about copyright.

2.The objective of the paper

1. To know the different aspects of e-resource by the teachers, research scholars, and student.
2. To locate the problem faced by the users while accessing and using the e-resource in the library
3. To increase the awareness in the library professional about information technology, e-resources.
4. To get the awareness of librarian skills in the global era.
5. To focus on the significant change like the work of librarians in global education.

The information that may be available in digital or electronic form via the internet is called e-resources. e-Resources produce in various electric formats such as – e-books, e-journals, Bibliographic databases, online databases, and another web-based resources.

3.Challenges and Skills of Library Profession in Electronics Resource

Today Libraries are shifting their role from the conservator of traditional information resources to the provider of service-oriented digital information resources, library professionals are provided many tools to help the users' better utilization of web-based resources.

3.1 E-Resource –

The System also changes a new vista for an effective and efficient environment for the library profession. e-resources are part of the invisible web which is essential information accessible through the internet e-resource are not freely available to everyone on the world wide web and they may not appear a search engine like Google most e-resource subscribe by the libraries contain password-protected web contents which are available only to staff and student via the library Portal such as e-book e-journal and newspaper.

Libraries play an important role to change the world into a knowledge society. I should say that the world is changing around Libraries.

Library Professionals have been playing an all-round role beyond their traditional job. They have a gather adequate knowledge of computer and communication technologies networks and networking operating systems, Internet concepts, and database management system shows the clear cut idea of changing the role of library components.

Role of library Components	
Traditional Library Environmental	Digital Library Environmental
1.Classifier	Generators
2.Cataloguer	Recorders
3.Indexer	Processors
4.Reference Librarian	Organizers
5.Bibliographer	Disseminators

3.2 E-book

E-Books are the most useful for our digital age user's libraries and resource centers should be a compilation of E-Books in such a manner which is beneficial to our Patron in finding according to their requirements e-book advantages like portability, 24 hours access test search annotation linking and multimedia and self-publishing.

3.3 E-Journals

Electric journals can be accessed via the internet from any web-enabled PC one or more users can access the service Simultaneously Electronic journals also offer the benefit of full text searching & downloading of articles. Technology-based libraries can subscribe to electronic journals through consortia. So that they can provide e-journal to users electronic journals are easily accessed by the uses anywhere anytime.

Two types of e-journal are available

Online journals

These journals are on pay as you go cast per access basis via online hostess or vendors some online journals are free of cost also available.

Offline Journals

CD- Rom journals there are full set journals published and distributed in the form of CD-ROM at a different frequency along with search software to access and print mostly.

E- Databases

E- Databases are online Collections of resource like a collection of abstracts, newspaper articles maps online renounce collections, etc. libraries are resources centers can subscribe according to patron needs so they can get the information as they required.

E- Databases are the most important and highly used electronic media among library professionals for information retrieval purposes. They are available in both forms i.e. Online and Offline.

Audio Video

Audiovisual is one important source for information education and entertainment. Many libraries, particularly media libraries and large academic and public libraries, hold audiovisual material such as DVD, Films, and Photographs, etc.

CD/DVD Collect

Libraries and information Centers should be produced CD/DVD collections like guest lectures, when library users are not able to attend the conference, seminar, and guest lecturers then they have the facility of the same CD/DVD in the Library. e.g. If the student is not able to attend regular classroom lectures due to some reason he/she will be made available required lecture through DVDs.

Institutional e-repository

An Institutional Repository is an online archive for collecting, preserving, and disseminating digital copies of the intellectual output of an institution, particularly a research institution. Libraries and resources centers include material like academic journals, articles, digital theses and dissertations, administrative documents, courses notes, etc.

4. The significant change in nature of Work Of librarian in Global Education

Technology is changing continuously and librarians have to link with this new updating which will help to provide better access to E-Resource. Emergences of electronic information has created challenges to library Community to resolve all these things. Librarian must be updated. Following things are listed.

4.1 Awareness of Librarians Skills in the Global era

1. Technological Skill
2. Tools using Skill
3. Skills of using ICI
4. Information Retrieval Skill
5. Preservation Skill

Challenges Faced by Academic Libraries

1. Explosive Growth of information and Document
2. The increased cost of the document and information material
3. Increase in user's information needs.
4. New Role of the librarian and greater responsible
5. Latest Techniques and comes in the handling of information
6. New electric Inhumation Environment
7. Creation of databases and their security

4.2 The Role of Library Professionals

In today's information age, the Library Professionals play an important role in library service dissemination to the library user. Library Professional changes the work of libraries and information

center as users demand and expects the opportunity to provide value-added information and access to a wide variety of electronic-based information resource. I.e. electronic/online resource and database. Today an increased number of users a greater demand for new electric formats materials. Today the walls of the library are giving way to electronic Environments to establish the link with information and virtual information is a valuable resource. The traditional libraries should be transformed into electronic libraries focused on providing information collected in the form of books and electronic resources to survive and to meet the need of end-users library professionals have started facing the challenges which are accompanied by the new information resources.

The users expect the libraries to deliver high-quality Resources. The concept of Library has been described by several different terms such as automated library digital library electronic library, virtual library without walls, and internet library.

21st Century libraries have a lot of indifference with the traditional model their dominant elements are changes as shown this Following table

Book –	E-Book
Journals –	E-Journal
Bound Volume –	Journal Archivals
Slider –	Images
News Paper Clipping –	E-news Paper Clipping (PDF, Doc, format)
Reference Collection –	digital tools
Photo album –	Images Collection
Scientific move –	DVDs-

4.3 Challenges

Library Professional Face several challenges as they seek to continue offering the high level of the services that users have come to expect-

1. Facing with e-resource Management
2. Technical infrastructure
3. Copyright issues
4. Online / Virtual Crimes and security

4.4 E-Resource and Related Service

In this electronic environ mate library Profession should inform the user that has many e-books available and their accessibility to the ware how to find information from how to access resources from the N-List or INFLIBNET

The Present Information age with the electronic and digital environment resulting in information superhighway made virtually the world a global village the day is not for where there will be one world one library where information is accessible where it is by anyone and at anytime

4.5 E-Resource

Sources in the electric Information forms are called E- resource can be online and offline

Online:

1. E-Journals
2. E-Books
3. E- Theses

Offline:

1. CD – ROM
2. DVD
3. Pen drive
4. Audio Video alias etc.

5.Conclusion

Library professionals with high computational skills are more likely to use electronic resources. More than those with inadequate ICT Skills electronic resources provide 24 hours anywhere flexibility and convenience of use by multiple users and full-text searches and faster delivery. Subject gateways are one of the useful tools to provide web access to intranet resource

The advent of ICT and intranet medium plays a vital role in accessing the e-resource for the benefit of the academic library the advantages of e-resources and their wide scope in the research activities are to be made amicable to the user community.

An electronic resource is defined as any work encoded and made available for access through the use of a computer. It includes both online data and electronic data in physical format. e- Resource can be any e-journal, e-book, and e-database

6.Reference

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