

E – Resources: Their Importance, Types, Issues and Challenges: An Analysis

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ABSTRACT: *The purpose of this research paper is to obviously and effectively divulge the importance, types, issues and challenges of E- Resources, out and out ruling over the modern digital library system which is triumphantly holding a grip and control over library users enjoying fullest freedom in terms of accessibility and adoptability through the types and uses of e-resources. It contains e-books, e- journals, e-zine (magazine) , e-thesis and dissertation (ETD), e- news papers , e- reference sources etc., all these resources are stored in the computer in an electronic form, which is called as database. These e-resources are expedient to use, obtainable at a reasonable cost and can be accessed from anywhere and by many users can use concurrently, these databases are most advantageous utilize to put in to the academic excellence and achievement of its user community.*

Key Words: *e-resources, database, electronic form, technology, importance, types, issue and challenges*

Introduction

Electronic Resource is defined as a source which need computer access or any electronic item for consumption that distribute a compilation of information, be it manuscript referring to complete book bases, electronic periodical, depiction, other multimedia products and arithmetical, graphical or time based, as a commercially obtainable label that has been published with an aim to being marketed. The data may store on CD ROM, on tape, via internet and so on. The entry of modern library was changed the entire library system, it invented many new techniques for the storage of data which created the documents in an electronic form. Thus the librarians change the present situation into innovative techniques, namely electronic resources, It is a collection of data, files, journal, thesis etc in an electronic form, all the data may digitalized, the user can use it through computer, smart phone via internet, through this e-resources the user can get numerous resources depending upon their needs, it will make them satisfy. The e-resources on magnetic and optical media have a vast impact on the collections of University libraries. These are more useful due to inherent capabilities for manipulation and searching, providing information access is cheaper to acquiring information resources, savings in storage and maintenance etc. and sometimes the electronic form is the only alternative.

Definition

E-resources is that, "Information (usually a file) which can be stored in the form Electrical signal usually, but not necessary on a computer"

Importance of E- Resources

The E-resources plays a vital role in the all over world, every user must knew the importance of e-resources, it is accepted by all kind of people because of its accessibility, affordability, usability and readability.

1. The information preserves at standard interval and can be reserved always up-to-date in electronic media.
2. Smooth the progress of easy replication into new media and sharing the data.
3. Incorporation of special media (Image, Sound, Video etc.)
4. Afford hyper links to related additional resources.
5. The electronic resources unresponsive to environment exposure and if handle with care, it will prove huge stability which cannot be attain on paper based print media.
6. Saves massive time by providing easy and immediate access without slaying time for processing, printing, binding and delivery.

7. It also saves the space of the library.
8. It gives awareness to the user community such as PG students, research scholars, faculty, staff etc.
9. The user can get all the data in digitalized format, so there is no need for printing and binding.
10. The cost of e-resources is less than the print version
11. It allocates the interactive facility.
12. Have possible to preserve delicate / valuable unique materials.
13. To access and recover appropriate articles, number of search engines is available
14. It facilitates concurrent access to huge number of users.
15. Numerous access and through limited networks become easy
16. Smooth the progress of access to physically challenged persons.
17. It consents to remote access from anywhere at any time.

Types of E-Resources

E-Books

An E -Book is an *electronic* description of a conventional print book that can be read by means of a personal computer or by using an E-Book reader. Users can purchase it on hard disk or CD. The trendy way of getting an e-book is to acquire a downloadable file of the e -book from a web site to be study from the user's computer or reading device. The user can quickly download the required book and the readers can bookmark page, create remarks, emphasize passages, and save chosen text also the readers can comprise lexicon, and modifiable typescript sizes and styles. Some e-books may available at free or at low cost, however, prices.

Example: www.digitalbookindex.com
www.bookbunker.biz
www.blackmask.com

E-Journals

An e-journal is published and distributed all over the world by electronic network. E- Journals in progress with the complete text databases obtainable by Dialog in 1980's. An electronic journal is a periodical publication which is print in electronic format, usually on the Internet. The user can search either full text or content pages of journals to find articles on a particular subject, the user need not to visit library to read the journal, they can read it in their desktop itself, the user can download the article in their computer and can get print out whenever they need. The user need not worry about the closing time of library , they journal is always available, the journal is not only includes texts also includes audio -visual material , the readers can send comments to the authors or publishers about the article.

E-Zine

The online magazines disseminated through World Wide Web are called E-Zine, which means electronic magazine and it is also describe **web- Zine**. This kind of articles is stored in server and it will be accessed through computer network. Through bulletin board systems or other public network may publish this online magazine via internet. The user can get the magazines through online at any time, at any where, they can also download and the main advantage is that the user can give comment to the authors for the particular article.

Example: www.indiatoday.com
www.musicindia.com etc.

E-Thesis and dissertation (ETD)

An ETD is an electronic document that gives details about the thesis and dissertations which was done by the scholars, it was stored in digital format and the researchers can find the thesis and dissertation whenever they need, it was formed in the coherent works or research of a researcher. ETD is affords a scientifically sophisticated standard for articulate thoughts with a lesser amount of expensive, tiny space, simple handling, elevated durability.

Example: www.unesco.orb/webworldtd/contribution.html
<http://scholar.lib.vt.edu/theses>
www.geocites.com
www.more.edu.sg

E-News Papers

An electronic newspaper is a self-reliant, reusable, and refreshable edition of a conventional newspaper that obtains and holds information electronically. The e-news papers is refreshed everyday by the concern editorial boards , it may be video , audio and text news. In previous days today's news may

comes in the next day by paper but at present the technology has changed the entire world, the e-news paper is very convenient to all those who have computer with internet facility. This kind of paper is refreshable, every important news may uploaded in the e-papers by the editor, the user can read and download the news at any time. The e-news paper is alternative of normal printed papers, through this e-news paper user can receive the instant news at any time, it is available in all languages, the user can also get previous newspapers from the internet by date wise, so the readers need not to wait for the news papers, it is available in the internet at any time.

Example: **India Today.com**
USA today.com
Los Angeles Time
Mid Day

E-Reference books

The number of reference books are liberally available in the internet, the information is planned to be originate quickly when needed. Reference works are typically *referred* to for scrupulous portion of information, relatively than read opening to end. The inscription method used in these works is instructive. Many reference works are accumulating by a panel of donor whose work is synchronized by one or more editors rather than by an entity author.

Examples: Atlas, Dictionary, handbook thesaurus, encyclopedia
<http://www.britannica.com/>
<http://dictionary.cambridge.org/>

CD-ROMs

CD- ROMs is a compact disk- read only memory, it is one of the sequence of devices. It is used to store huge amount of prearranged data, bibliographic information full text information and images etc.

Data bases

A prearranged set of data seized in a computer, particularly one that is easy to get in various ways. Database is computerized documentation maintenance system. The imperative thing is that a database permits accumulate data and receiving it or modifying. The data base is two types, such as

Analytical Databases
Operational Databases

Issues and Challenges by using E-Resources

- Power is the first requirement for e-resource.
- Involved in prominent technology infrastructure
- Necessitate unique utensils to access
- requires compatibility among dissimilar publishers.
- Challenges raised in Hardware and software
- Patent infringement trouble
- Present e-book set-up may not be legible by prospect e-book devices.
- Paper book is cheaper than the Book reading devices
- User awareness is essential on network skills for practice of e-resource.
- Obstruction in Technology
- Lack of Security / Privacy like e.mail hacking and network interruption etc.,
- Reliance on Technology ie., users don't know to search the books without using technology

Conclusion:

This paper has discussed the importance, types, issues and challenges of e-resources, it is very familiar among the various fields of peoples, In fact, it is now hard to envisage a world without e-resources. The stipulation and use of e-resources is element of the complete system, to both the students, institutions and information professionals. The e-resources assist to deliver the sources to their user very fast, so the user time was saved. Nowadays e-resources have totally reduced the usage of paper material. These e-resources are convenient to use, reachable at a reasonable cost and can be accessed from anywhere and by many users concurrently, these databases are most advantageous utilize to put in to the academic excellence and achievement of its user community.

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