TRENDS AND OPPORTUNITIES OF DIGITAL LIBRARY IN THE MODERN EDUCATION SYSTEM

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ABSTRACT

The trend of digitalization is emerging in all streams of the economy. Digitalization by itself is associated with many advantages because of which many find it an important one. If the economy as a whole has to be digitalized it have to start from the initial stages by bringing the digitization in the education system. Digital library or the e-library will help to bring about more advancement in the fields of education system. Over the years, there has been vast advancement in the field of education system so that students can learn in the better way. A 'digital library' comprises digital collections, services and infrastructure to support lifelong learning, research, scholarly communication as well as preservation and conservation of our recorded knowledge. In schools and colleges, the main barrier is regarding the availability of the books, which are required by the students and the teachers. With the help of the digital library both will be get an access to the books, which they require. The easy availability of the books and information to them will help them to learn in an effective way and they can understand the concepts in a better way. However there are barriers associated with digital library because of which even though it is better, many are deprived of such opportunities and they cannot adopt such a system in their course of education. If these barriers are overcome, from then it will help the knowledge seekers and from the root level, digitization will flourish.

KEYWORDS

Digitalization, E-Library etc.

INTRODUCTION

Many reforms have being taking place in the education system in order to make learning more interesting. The major drawback in the earlier day's education system was that the students did not have the basic facilities. However, over the year due to the advancement in the science and technology the whole system has undergone a tremendous change, favoring the knowledge seekers. Because of various advantages of going digital today every work is being digitalized. One such step in the education system is by the way of digital library or e-library. With the help of digital library, any required information can be accessed more easily from any corner of the world. However, there are some hurdles in adopting the digital library by the education institutions. Being the most convenient source of knowledge, in the future days to come this term of digital library or e-library will be more popular.

TITLE OF STUDY

"Trends and opportunities of digital library in the modern education system".

OBJECTIVE OF STUDY

- To analyze the need and importance of the digital library in the modern education system.
- To examine problems associated with digital library.
- To analyze the advantages and disadvantages of the digital library.
- To analyze the future prospects of digital library.

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RESEARCH METHODOLOGY

Sources of Data

Present paper '**Trends and opportunities of digital library in the modern education system'** is based on the secondary sources of data. To know this in right way even journals, articles, web link, books have been used as sources of information.

Need for the Study

The need for the study is to identify the trends and opportunities of digital library in education system. Every schools and colleges have the library and many of them made it digital. Through the study of this after, making library as digital the schools and colleges faces the many problems and challenges, and it shows that how it would also help to improve the education system.

Meaning of Digital Library

A digital library is a special library with a focused collection of digital objects that can include text, visual material, audio material, video material, stored as electronic media formats, along with means for organizing, storing, and retrieving the files and media contained in the library collection. The digital content may be stored locally, or accessed remotely via computer networks. An electronic library is a type of information retrieval system.

Early projects centered on the creation of an electronic card catalogue known as Online Public Access Catalog (OPAC). By the 1980s, the success of these endeavors resulted in OPAC replacing the traditional card catalog in many academic, public and special libraries. This permitted libraries to undertake additional rewarding co-operative efforts to support resource sharing and expand access to library materials beyond an individual library.

An early example of a digital library is the Education Resources Information Center (ERIC) , which was "born digital" in 1966. The term digital libraries were first popularized by the NSF/DARPA/NASA Digital Libraries Initiative in 1994.

ADVANTAGES OF DIGITAL LIBRARIES

The advantage of the digital library is very essential in the modern education system, where various books can be accessed easily. In order to understand the concept in more accurate way the digital library helps to access through number of books and images which makes the learning more interactive.

Traditional libraries are limited by storage space; digital libraries have the potential to store much more information, simply because digital information requires very little physical space to contain it. As such, the cost of maintaining a digital library can be much lower than that of a traditional library. A physical library must spend large sums of money paying for staff, book maintenance, rent, and additional books. Digital libraries may be more willing to adopt innovations in technology providing users with improvements in electronic and audio book technology as well as presenting new forms of communication such as wikis and blogs. An important advantage to digital conversion is increased accessibility to users.

- **No Physical Boundary:** The user of a digital library need not to go to the library physically; people from all over the world can gain access to the same information, as long as an Internet connection is available.
- **Availability of Information:** A major advantage of digital libraries is that people can gain access 24/7 to the information.
- **Multiple Accesses:** The same resources can be used simultaneously by a number of institutions and persons.
- **Convenient:** The user is able to use any search term to search the entire collection. Digital libraries can provide very user-friendly interfaces, giving easy access to the required information.

- **Storage Space:** Whereas traditional libraries are limited by storage space, digital libraries have the potential to store much more information; simply because digital information requires very little physical space to contain them and media, storage technologies are more affordable than ever before.
- **Easily accessible.**

TRENDS OF DIGITAL LIBRARY

The main intention of making a library as a digital is only because of the future of our country that is the students, our country participate with other country in all the field, but it fails to make a library as a digital. Foreign country has well facilitated library but India not having these facility so that most of the people will go aboard for their higher education. Now India also step forwarded to make an Indian Library as a digital library. The main trends of the digital libraries are as follows:

- The number of students is still growing.
- Different types of students are asking for education; participation of women, older students, and students from ethnic minorities is growing. Different students bring different experiences with them.
- Increasingly, work and study are combined, and that leads to a need for more flexible learning arrangements in which the campus or school building is no longer central to the educational process.
- More generally, there is a trend towards lifelong learning.
- Lifelong learning leads to an emphasis on "learning to learn". Knowledge becomes obsolete at an ever-increasing rate in a knowledge economy, and knowledge workers need to be able to refresh their knowledge on a regular basis.
- Because of the differences between students, there is a need to accommodate different learning styles, customization and alternative learning routes. Courses have to take more into account the different experiences and backgrounds of students.
- Higher education institutions have long had a monopoly in providing education, but increasingly, companies and public bodies possess knowledge that can be reused for educational purposes, partly for in-house training (knowledge management) but also to offer to external markets.
- Education is under constant budget pressure, thus there is a need for more efficient and effective education.
- Students more and more are behaving like consumers who want to make informed choices about how and where they want to be educated, which implies students are no longer committed to one institution.
- Teaching staff will exhibit more job-hopping behaviour than they did in the past.
- There are too many dropouts in the current educational system.

PROBLEMS WITH THE DIGITAL LIBRARIES

The digital libraries also face many problems:

- **Technical Architecture**

    Libraries will need to enhance and upgrade the current technical architecture to accommodate digital materials. It will include as follows:

    - High-speed local networks and fast connection to the Internet.
    - Electronic document management functions that will aid in the overall management of digital resources.
    - Relational databases that support a variety of digital formats.

- **Lack of Technical Knowledge and Support**

    The technology required to provide digital library services continues changes rapidly as researchers and commercial vendors expand the kinds of content and access services that might include. As the technical

changes and improves, an institution's vision and requirement of digital library evolve accordingly. The software supports are complex and dynamic. It is difficult to the library with limited technical resources manage a development and growth, it meets a unique requirement.

- **Lack of Sufficient Funding**

  Building and maintaining digital library requires a huge financial resource the budget allocation of most of the schools and colleges is not sufficient for the digital library research and development.

- **Illegal and Harmful Materials**

  Web information is a big portion of any digital library and some material in the web is illegal and harmful.

- **Skills of Staff**

  The major problem of digital library is faced by the schools and colleges are lack of skilled staffs in the institution. Whose staffs don't have necessary skills the digital library plan will not become successful.

CONCLUSION

The digital library will have both advantages and disadvantages in the education system. In India more than 445 million students are studying (5-24 years), in this more than 93% students are using internet for their studies, 70% students are using Smartphone's to get the information very quickly. It shows that instead of carrying books from one place to another place for searching information it is better to having a Smartphone's.

In India, now a day's Primary children's also have a Smart class in their schools. The teachers also have some knowledge about the current affairs going in the world and their subject concept so this digital library will help them to get information.

The digital library concept was recently introduced, and within the year it is almost 75% was successes and in future days it will reach 100% and the entire students will use the digital library and gets more benefits from it.

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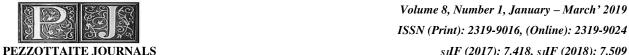
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