

Article

Role of Digital Library in Homeopathic Education in India

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A B S T R A C T

The rapid advancement in Information Technologies has revolutionized the only of libraries. Information Technology has its own niche in every aspect of life within the society. Changes in society & technology made variation within the life sort of Indian people and their views & attitude towards the libraries.

Today digital world cares, with creating, sharing & using information in digital form. Information Technology has almost converted the earth into a worldwide village. Digital libraries has brought phenomenal change within the progress of collection, storage, preservation of rare documents, retrieval & dissemination of data Now –a-days the ICT is taken under consideration as an important commodity and is playing an important role for development altogether fields like education, research etc. this study focuses on the functional aspect of the digital library in homeopathy education in India. within the present education system, digital libraries are playing a key role in disseminating information by providing differing types of relevant & recent information to the users with a brief span of your time. The digital library can provide open access to the electronic information sources and therefore the users can access the digital content regardless of time & space boundaries. This study also discusses the core elements and functional components of the digital library in homeopathy education.

Keywords: Homoeopathy Education, India, Information Technology, Information and Communication Technology, Digital Library

Introduction

Information technologies have revolutionized the role of libraries. Information technology is causing changes within the people and students in their way of communicating, retrieving & using information libraries are redesigning services and knowledge products to feature value to their services and to satisfy the changing information needs of the library user. It'll be simpler in medical education, Information technology has its own niche in every aspect

of life within the society. Changes in society and technology made variations within the life sort of Indian people and their views & attitude towards the libraries. Today all information on digital form during previous couple of month effective of COVID-19 all study are started on digital form different mods (Zoom, Google Meet) in the time digital library provide soft material (e-books, email,) any differ ants sources. the proper information to the proper person at the proper time is that the main aim of any modern

library. Information technology has almost converted the planet into a worldwide village. Knowledge industry is influenced by the revolution within the IT sector. The rise in digital libraries has many changes within the progress of collection, storage, preservation of rare documents, retrieval & distribution of data. Now-a-days the knowledge & Communication Technology (ICT) is taken into account as a crucial commodity and is playing a crucial role for development altogether Homoeopathy education, research etc. So, information & ICT are recognized because the world's most vital resources and therefore the drive for library, social development & modern financial system.

Scope of the Study

The present study focuses on the functional aspect of the digital library. In the present education system digital libraries are playing a key role in Medical and homoeopathy education disseminating information by providing different types of relevant & recent information to the users with a short span of time. Digital library can provide amplified access to the electronic information sources and the users can access the digital content with disregard of time & space boundaries. This study also discusses the core elements and functional components of the digital library.

Objective of the Study

The main objective of the study are:

- To emphasize on the functional aspect of digital library.
- To discuss the functional components of digital library.
- To highlight the core elements of digital library.

Review of Related Literature

- Sharma R, Tiwari N. (2019) In their published paper discussed about the Digital Initiative of government. They also focused on the different portal of E-learning.
- Hahi R, Widiaty I. Discussed in their study digital library is a learning resources and how can be improve of library.
- Chowdhury G. (2009) Discussed the commonalities of research in digital libraries and digital preservation with reference to the problems of users & context of data. His paper discussed about current research in digital preservation that aims to handle the users & context information for building future digital preservation systems. He also highlighted some major challengers within the areas of capturing, storing and making use of data associated with users & context.
- Venkanna E. (2018) in his study found that digital libraries is too important to wait for the opportune time to take advantage of the resources. Using the Internet and its resources for providing information services only requires re-orientation of traditional skills of Medical Librarianship. With the available infrastructure in the medical education we can make a beginning in

exploiting the digital library resources on the internet for better and newer services. The digitized media is a supportive too, for searching and locating the information faster to the targeted end users.

- Mishra (2017) study discussed the A functional Approach to Digital Library in India. They focused about concept, core elements of digital library.
- Jie Sun & Bao-Zhong Yuan (2012) discussed about the Core elements and features of digital library, his this study they also discussed about Five laws of library science with digital library.
- Sherpa, dawadoma (2017) in his study discussed about role of librarian in digital library and major challenges faced by librarians in Digital Library Environment for providing digital information service to the knowledge society.
- Jadhav, Kavita Ajay (2011) this paper attempts to give some idea for beginners in digital library ,paper also highlights on the impact of information technology on the traditional library. Significance of use of Digital Library Software's in building digital library environment and publication trends in Digital Libraries.
- Ciocanel, A &Rughini, C (2017) In this paper we have examined the role of the software in homeopathic practice, focusing on the Radar Opus system. Radar Opus includes a digital library through its functions of collecting and organizing the available homeopathic information and books.

Methodology

The conceptual & textual information related to the present study was collected from primary & secondary sources of information such as looks, national & international research papers and Books.

Discussions

Features of Digital Library

Digital library is the one which really helps the user to get access to the digital resources directly on the screen of their computer itself. Digital library is reforming the dissemination of the information with respect to the availability of speed and access. The main features of the digital library are-

- All resources are in digital from.
- Accessibility from anywhere and anytime.
- Availability for long time.
- Network accessibility.
- User friendly interface to access the information.
- Giving access to large collections, including access to primary and secondary sources of information.
- Provide Clint – server architecture.
- Advanced search &retrieval of information.
- Dynamic and ephemeral.
- Supporting multimedia content and fractal objects.

- Free as well as fee-based.
- Greater opportunity for publishing.

Core Elements of Digital Library

There are three broad classes of library elements.

Data – Data are library materials. Ex- a book during a library could also be thought of knowledge of the library.

Metadata – Metadata popularly referred to as data about data refers to the knowledge about the library and its materials.

Ex - An index a card catalogue could also be thought of the library metadata.

Processes - Processes are active functions performed over library elements.

Ex - The act of a librarian helping a patron find a glance by suggesting the utilization of the cardboard catalog could also be thought of as process.

Functional Components of Digital Library

Most digital library share common functional components. They are;

Selection and Acquisition

This components includes the selection of documents to be added the subscription of data base and thus the digitization or conversion of documents to an appropriate digital from.

Organization

This component includes the assignment of the meta data (biographic information) to each document being added to the gathering.

Indexing and storage

This component carries out the indexing and storage of documents and meta data for efficient search and retrieval.

Search and retrieval

This is that the digital library interface employed by the highest users to browse, search, retrieve and consider the contents at the digital library. it's typing presented to the users as Hyper Text-Mark-up Languages (HTML) page.

Functions of Digital Library

The Digital library is an information service in which all the information resources are available in complete process able from and the functions of acquisition storage preservation retrieval access and display are carried out through the use of digital technology. The sources in digital library can be divided into those that are originally created in a digital format such as electronic journals and data sets those originally non-digital resource such as manuscripts and print that are subsequently digitized. A ICT used library can disseminate its information across a network and users

can retrieval information in the same way.

Library used of ICT preserves and provides access to the increasing number of publications that are being produced only electronically such as web sites & e-journals. Digital library provide to bring these distributed collections together into a single virtual collection. Both storage & access are fully electronic in way that user can access whatever they need from their desktop. An digital library all information objects are available directly or indirectly via electronic means which makes enhanced retrieval functionalities possible.

Advantages of a Digital Library

- The benefits of digital libraries include:
- Unlimited storage space at lower cost
- Redistribute funds from some staff, collection maintenance and additional books
- No physical boundary, structural approach
- Round the clock availability
- Multiple access, networking
- Enhanced information retrieval
- Preservation for print material
- Added value, information retrieval
- Universal accessibility

Limitations of a Digital Library

Besides the several advantages listed above, there are also some limitations of digital libraries as below:

- Lack of screening or validation
- Lack of maintenance of "best in class"
- Hardship in understanding and locating every available things, and distinguishing suitable from useless information Job loss for traditional publishers and librarians
- Costs are spread and many become hidden
- Copyright, initial high cost, bandwidth, speed of access and preservation

Role of Librarian in Digital Environment

The new environment is actually challenging one for the library professional to make a choice who are publishers and who are users? within the new environment it's to very difficult to make a choice what should be organized? the because of give citation? the because of organize the collection? within the new environment, anybody are often a publisher by merely posting messages to online discussion group or by other means, which has access to the network of ICT. In some cases, librarians have the prospect to digitize unique material in their libraries' collections. Thus the librarian is more or less a hypertext engineer, because they're needed for wrapping and rewrapping of data, for electronic publishing, for reference purpose, to instruct the user about the strategy to spot relevant electronic sources

etc. The new environment requires a replacement technical set of competencies for librarians which weren't previously required. Skills like creating sites, building and maintaining computer networks, designing search interfaces, etc. are wanted in today's library employment market. In conjunction with the necessity for technical skills is that the facility to cultivate a level of comfort with ambiguity and alter. Librarians must accommodate with the one characteristics of the digital library that's rapidly changing and evolving nature of the environment. This environment is subject to rapid change and important role for the librarian within the long run are becoming to be the power to adapt and to figure effectively in such an environment.

Conclusion

The present study revealed that automation within the libraries has become a replacement phenomenon. The ICT development offered more efficient & new ways in information science and management. To the present context digital library systems came into existence which is for long-term preservation of huge documents collection. Users want letter & effective information as library materials scientific database in education and research. Therefore, digital libraries play an important role to satisfy the requirements of users. Now one can access high speed network and retrieval device thanks to availability of computers processing power on affordable price which became possible thanks to advancement in information technology. successively this capability provides us control to accumulate & relocate big volume of data in digital format at low cost. Besides electronic publishing & resource sharing activities became easy & convenient. In during COVID-19 lockdown all Education Including Homoeopathy Medical colleges is off in this time study is off, Digital libraries and publishers have risen to the occasion, offering more and more free content and curating personalized collections so that students can continue to read and learn without disruption. Indeed, as the demand for credible e-resources surges, digital libraries have emerged as vital pathways to high-quality e-books, journals and educational content, Digital Library has a important role in Homoeopathy Education for library user not only his study but also his time saving and upgrade his knowledge.

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