Review Article

Digital Library Management: A Study

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Abstract

This paper discus on challenges and opportunities of digital library management. In the developing countries, digital libraries are an implementation of innovations. Technologies for Knowledge formation and management in future, and basic concepts, process, services, challenges and opportunities in the role of librarians in digital library management, In this digital era librarian facing many challenges in managing digital libraries, librarian manage the collection, preservation of data and others. The librarians play a vital role in digital library management, so librarians having a knowledge and skills in digital library management.

Keywords: Digital Library; Management; Digital Library Management; Multimedia; Librarians.

Introduction

Digital Library basically stores information mainly in electronic format (e-form) to disseminate a broader user communities. In academic libraries changing their activity of print media to digital media. The digital library is also called e-library (or) electronic library, Information are store in electronic format and provide access through computer. In this digital era many resources are published in electronic format. So that libraries have challenges to organize the effective way.

Traditional Library and Digital Library

Traditional library: Traditional library is most printed media, manuscripts etc., the main function in traditional libraries collections of information resources, organization of information resources and dissemination of information resources. It is a physical boundary

Digital library: Digital library or electronic library is machine readable format and online resources. Digital Libraries consists mostly electronic components, digital technology is the combination of traditional library and multimedia collections, a digital library is a computer based system for acquiring, storing, organizing, searching and distribution digital format for the users, Digital libraries are based on internet services. infrastructure, digitalization, access, staffing, funding and budgeting is the main design and management of Digital Libraries.

- Access information are high speed

- Learning procedures is formal and informal

- Easily access the rare collection and expansive collections

- Digital library is a digital document such as audio, video, image and numeric multimedia components

- Information are stored in less space

- Access any time, any place, any one

Need for the Digital Library

1. Computer
2. Software
3. Network
4. Storage devices
5. Scanner
6. Printer

Definition

Digital Library Federation defines Digital Libraries as an organization that provides the resources. Including the specialized staff to a select, structure, offer intellectual access, to interpret, distribute, preserve the integrity of an ensure. The persistence of over time collections of digital works are readily and economically available for use by a defined community or set of communities.

According to Yerkey and Jorgensin, digital libraries are electronic libraries in which large numbers of geographically distributed users can access the contents of large and diverse repositories of electronic objects in the form of text, images, maps, sounds, videos, catalogues, government, scientist and other data stored in hypertext, hypermedia and multimedia compositions like CD-ROMs, Online databases etc.

Review of Literature

1. R.K. Sharma and K.R. Vishwanadhan (2001) digital libraries development and challenges authors says digital libraries are depend up on internet and intranet connection. Conversion for traditional library to digital library facing many problems in library professionals. digital libraries based on knowledge about digital resources.

2. Sarojadevi K, Padmamma S. and R.H. Walmiki (2016) this article explained Digital Resource Management Strategies: Study on Selected All India Radio Media Libraries of Karnataka gradual development in All India Radio in digital library management. It is a positive development in AIR resource management. 56% of AIR for maintained the digital resources and 72% of AIR libraries preserve their digital resource

Objectives

- To capture, store, manipulate and distribute information
- To digitize the documents to preservation
- To support library functioning such as circulation, social control, acquisition control, stock maintenance and other official works
- To have a large number of data bases in CD ROM's
- To provide need based and retrospective
- To introduce and provide new services
- To improve cost effectiveness

Characteristics

1. Internet facility to transfer the information
2. Digitization
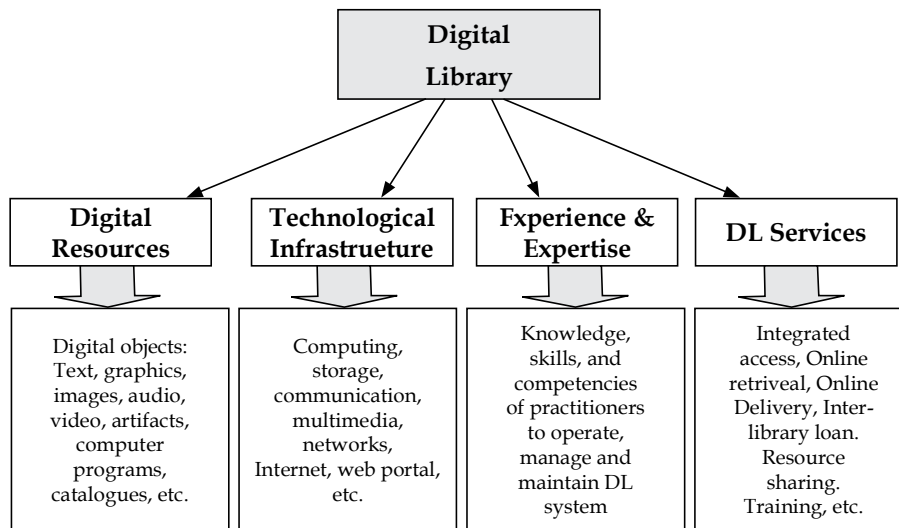3. Information supply
4. Share the information

Digital Library with Five Laws

1. Books are for use
2. Every reader his or her book
3. Every book its reader
4. Save the time of the reader
5. Library is a growing organism

In digital era books are for use is new conception in the current environment is E- books are for reading, second law of library science is Every reader his or her book its change in Every listener her iTunes, the third law of library science Every books it's a reader in Every blog its reader, in fourth law of library science save the time of the reader is change in save the time of the listener, finally the fifth law of library science, Library is growing a organism.

Digital Library Management

Library professionals mange some problems in digital library management, they are cost, copyright and training, this problems must not be availed the library professionals mange all the problems and successfully manage a digital libraries and they are use new technology and tools.

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                        │   Digital   │
                        │   Library   │
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          ▼           ▼             ▼           ▼
┌─────────────┐ ┌──────────────┐ ┌───────────┐ ┌───────────┐
│   Digital   │ │Technological │ │Fxperience │ │DL Services│
│  Resources  │ │Infrastrueture│ │& Expertise│ │           │
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| Digital objects: Text, graphics, images, audio, video, artifacts, computer programs, catalogues, etc. | Computing, storage, communication, multimedia, networks, Internet, web portal, etc. | Knowledge, skills, and competencies of practitioners to operate, manage and maintain DL system | Integrated access, Online retriveal, Online Delivery, Inter-library loan. Resource sharing. Training, etc. |

Digital Resources: Design and Management

1. Fund
2. Information resource development
3. Information resources
4. Staff
5. Space, furniture, electronic components
6. Accessing information

Challenges for Librarians

1. Funding
2. Access control
3. Digital information retrieval
4. Library professionals cum Electronic knowledge
5. Intellectual Property Rights
6. Preservation for information resources

Opportunities

In digital libraries librarian facing many challenges but opportunities are very important in librarians. Users access the information is very fact and convenient way.

Access: Frequently used information can be saved electronic format for immediate access.

Intellectual: Intellectual control with new finding and supporting.

Bibliographical: Links are provided to access the bibliographical information

Duplication: Duplication of digital resources is very easy

Timely access

Physical storage spaces saved

Librarians Role in Digital library

Now a days libraries are moving traditional library to digital library. Libraries having a multimedia collections - they are image, photo, text, sound and other digital resources of information, this type of multimedia collections handling is not a easy task. The digital librarians requires specialized digital knowledge and professional skills. Library professionals having knowledge about electronic information service, search co-ordination, and manage the archives, storage, access, reference services. The librarians are working in digital environment as well as skill and knowledge.

Conclusion

In new technology libraries are changing in print format to digital format, and libraries are improve in information resource knowledge. Library provide access the information resources in digital format. This type of digital libraries create many opportunities and challenges for library professionals. This article explain opportunities and challenges for forming and maintaining a digital

libraries. The library professionals facing some problems like funds, copy right. So the Library professionals aware the intellectual property in creating digital resources

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