

User Perception of Digital Libraries In India: Problems & Prospects

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Abstract

With the improvement of multidirectional education process, value of libraries and info science continues to be enhanced. Not merely conventional libraries have grown in size though an unique idea of libraries named as electronic library has are available in to existence. Electronic library seems to have great deal of changes not just in the library and also info services but additionally within the roles and also expectations of the librarians plus info professionals. During the previous 5 years India is answering this worldwide movement somewhat proactively and positively. Among the main factors being, presently, more than seventy proportion of world's scholarly literature is born digital. Obviously when they're acquired by the libraries for patron's usage they are going to have being acquired in the electronic form. A digital library is a set of info that's both electronic (born digital) and also digitized which provides us powers we never ever had with conventional libraries. The current study envisages that many faculty libraries in India are at the different phases of digitization. Nevertheless, this research work is taken up together with the goals of advancement of brand new technology and digital libraries (research) emerging in the area of electronic world.

1. INTRODUCTION

Electronic Libraries (DL) now are emerging as an important element of worldwide info infrastructure, adopting the most recent info as well as communication technologies. Electronic Libraries are networked collections of electronic texts, software, data, sounds, images, documents, along with several more which are the center of modern Internet as well as tomorrow's universally accessible electronic repositories of all the human understanding. Based on the Digital Library Federation, "Digital libraries are companies supply the materials, like the special team, to choose, framework, provide intellectual entry to, understand,

distribute, protect the integrity of, and also guarantee the persistence over time of collections of electronic works therefore they're economically and readily offered to be used

by a determined set or neighborhood of communities".

In India presently the idea 'Digital Library' has been practiced by as well as large even or loosely confused by a lot of info systems. It's thus crucial the idea is adequately known so that there's zero ambiguity while we advance with the job of developing or perhaps creating a digital library that is completely justified in the technical sense of the term. It's vital that

starting on an electronic library task is a thing that is going to take away considerable length of time, energy, manpower and naturally the hard earned cash being pumped into it - whether it is for method development or even towards maintenance and development of the compilation, in a significant manner. There's consensus all around that there exists an extremely big quantum of digital info, scholarly in addition to trade, that are scattered as well as distributed all over the Net as well as being kept in several different databases as well as repositories spread across the globe. Additionally there's an unprecedented technology support as well as availability of infrastructure for electronic libraries.

1.1 Features of Digital Libraries

Electronic libraries have attracted nearly all of the developed and developing countries due to the functions of its and also the chances it extend towards the info providers as well as info seekers. The electronic library has got the info in the electronic form as well as electronic media facilitates the use of info readily available in electronic form at various locations. It provides brand new levels of ability to access broader audiences of new possibilities and owners for library as well as info science area to advance both practice and theory. They contain info collections predominantly in electronic or digital form. Electric publications have a few unique issues of management as than printed document. They contain infrastructure, copyright, preservation, authentication, standardization, readability, access restrictions, acceptability, user

interface etc. However the benefits tend to be more and subsequently the benefits of electronic libraries has been realized by all nations of the planet. India has really recognized the benefits of electronic libraries as well as a lot of initiatives are considered by different libraries or institutes / organizations. Electronic libraries do enable the development of hometown content; reinforce the mechanisms as well as capability of the library's info systems as well as services. They boost the portability, effectiveness of entry, flexibility, upkeep as well as accessibility of information. Electronic Libraries are able to help shift the nation towards knowing the extremely impressive perspective of 'anytime, anywhere' permission to access the very best and also the most current of human culture and thought, to ensure that no classroom, individual or maybe a culture is separated from expertise resources. Electronic library creates the library on the person, conquering all geographical barriers.

1.2 Need of digital library

Information explosion has grown to all of subjects including as science, social science and humanities as well as libraries facing issue to maintain the service of theirs. The role of electronic libraries is really important. The present scenario electronic libraries are spreading in each and every part in the globe. It's really simple to regulate the massive information in one computer. We fulfill over needs and even several of these're mentioned below. In order to offer Quality based service and satisfy the subscriber's requirement.

Electronic library preserve the library staff and time.

- Digital library is going to be ready to retrieves info specifically. Digital library is much handier for distance learning.
- Digital library has the ability to handle the problem of info explosion.
- Digital library is affordable technology then the standard libraries.
- Multiple functions of exact same electronic info structured as well as organized by utilizing hypertext in electronic libraries.

2. REVIEW OF LITERATURE

Electronic library developments in India started quite gradually in mid 1990's and also have gathered momentum in the turn of century.

Mahesh as well as Rekha Mittal (2008) have assessed publications upto June 2007 and also identified sixty three studies on electronic libraries in India by grouping the reports on econsortia, Institutional twenty six repositories, problems as well as policy foods for electronic libraries, digitisation, electronic library services, assessment and info retrieval, technology, roll of digital divide and information experts.

Recently available years have seen a few electronic library advancement initiatives in India. The experiments had been associated to e consortia (**Ramesh Babu, et al., 2007**), digitisation(**Vinayagamoorthy, et al.,**

2007, Ramesh Babu and Nageswara Rao, 2011, Asok Kumar, 2011), electronic preservation (**Arora 2009, Ramesh Babu and Ramesha, 2008**), Institutional Repositories (**Krishnamoorthy and Roopa, 2012**).

The Perception on electronic library, particularly on e learning substances was analyzed according to 3 conceptual ideas like Benefits, User and Infrastructure attitude of all the LIS professionals operating in Faculty libraries of Tamil Nadu. (**Goalakrishnan and Mohankumar, 2016**)

The usefulness of electronic library have been ascertained based upon the principles like Views on Digital library, Satisfaction in electronic library use, Feel and look of the electronic library site, Usability and Flexibility of digital library site as well as Effectiveness in job completion (**Gopalakrishnan and Vijayakumar, 2016**).

Zeng and yuangen (2014) worked with client churn price also it's the speed of client discontinuation with electronic library program. Study discovered that client churn speed of the specified library is same and high very with churn hazard in first 3 weeks after customer's registration on the site of the library.

Xianjin et al (2014) investigated the consequences of user's perception to electronic sources and print in terminology of use, ease and convenience of use. There's a tremendous impact of the qualities of user's for example gender, age area as well as knowledge on perception of

owners with respect to convenience, ease and consumption of use.

Yalan et al (2014) examined quality of electronic library which will define when the quality of info quality of overall program quality and program of digital library. The compression of user's perceptions towards electronic libraries and virtual towns are through realize the particular dynamics of e quality seen by the people. Depending on the user's perception study discovered that digital libraries provides much better info system as well as service quality compared to virtual communities.

3. RESEARCH METHODOLOGY

- **Research Design:** The research is descriptive in nature.

- **Data Collection:** Electronic library is a broad area of research and no library in Punjab, Delhi and Haryana is properly an electronic library. Nevertheless, we are going to prepare a questionnaire for librarians duly filled by them. The survey will be performed of 10 libraries. The information collected from questionnaire, secondary and primary resources is examined and provided in the form of Diagrams and Table.

4. DATA ANALYSIS & INTERPRETATION

4.1 Problems Faced By the Users

TABLE1

Problem faced by users	No. of Respondents	Percentage
Important sites in the subject area are notknown	46	38.33%
The allotted time slot is insufficient	15	12.50%
No problem	15	12.51%
Electricity failure	07	5.83%
Difficulty in finding relevant information	37	30.83%
Total	120	100%

Table 1 depicts issues experienced by the owners in the science as well as engineering libraries in surfing the Internet forty six (38.33 %) of the respondents chose the crucial websites in the subject areas aren't known. thirty seven (30.83 %) of the respondent opinion that they faced the issue to obtain the pertinent info from the Internet. 15(12.50 %) of the respondents locate assigned time for surfing the web as inadequate fifteen (12.50 %) respondent suggested they

didn't confront some difficulty while utilizing different library services, and seven (05.83 %) perspective that they confront the issue of power malfunction in the T and S libraries.

The investigator observes the users don't have knowledge of the key websites in the subject of theirs is a significant issue faced by the users.

4.2 Charges for digital use

TABLE 2

No. of Respondent		
Yes	No	Total
8	82	90
8.89%	91.11%	100

Tables two certainly proven that vast majority of the respondents are utilizing facility in the libraries premises totally free of cost i.e. eighty two (92.11 %) as well as 8(8.89 %) respondents used Internet following a paid level of cash.

The investigator analysis that the majority of the libraries are offering internet facility

at totally free of cost to the users of theirs as IIT. and INSA The libraries as NISCAIR and AIIMS impose several nominal quantities from the selected users.

4.3 Satisfaction Of Users For Research Purpose

TABLE 3

Categories	No. of Respondents	Percentage
Most helpful	56	46.60%
Helpful	58	48.30%
Not helpful	04	03.30%
N.R.	02	01.80%
Total	120	100%

Information provided in table nine suggested which a vast majority of the respondents i.e. fifty eight respondent out of 120 very helpful, opinion of four (3.30 %) drivers that's not of great help for research objective and two (1.80 %) don't have any reaction to this particular query.

It's positive figures of respondent's analysis the electronic library services for study objective is very helpful.

4.4 Satisfaction with the Library Staff/Professionals

TABLE 4

Satisfied	Not Satisfied	No Response	Total
98	16	6	120
81.63%	13.37%	5.00%	100%

(Figure with in parenthesis are % age)

Table four shows that ninety eight (81.63 %) of the respondents Technology and Science computer users are pleased with the library staff/professionals. But sixteen

(13.37 %) respondents aren't happy and six (5.00 %) don't have any result.

For this investigator observes that mainly library personnel professionals are

competent to fulfilling the info needs of users.

4.5 Satisfaction with Various Facilities

TABLE 5

Category	Respondent		Total
	Yes	No.	
Location	72	48	120
	60%	40%	100%
Membership Fee	78	42	120
	65%	35%	100%
Reservation Facility	23.33%	76.67%	100%
	89	31	120
Facility	74.17%	25.83%	100%

The information shows in table 11 depicts that seventy two (sixty %) out of 120 Technology and Science library computer users are pleased with the places while forty eight (forty %) aren't happy.

membership fee, in which as forty two (thirty five %) aren't happy. In case of reservation facility eighty nine (74.17 %) are happy while thirty one (25.23 %) aren't happy.

Likewise seventy eight (sixty five %) out of 120 respondents are pleased with the

4.6 Infrastructure Facilities Available In the Libraries

TABLE 6

Category	Respondent		Total
	Satisfied	Not Satisfied	
Sitting arrangement	83	37	120
	69.18%	30.82%	100%
Number of nodes	78	42	120
	65%	35%	100%
Multimedia facilities	90	30	120
	75%	25%	100%
N.R.	40	80	120
	33.34%	66.66%	100%
Number of Printer	29	91	120
	24.26%	75.74%	100%
NR = No Response	(Figures within parenthesis are % age)		

The information revealed in table six suggests that out of 120 people, eighty three (69.18 %) respondents said the sitting plan in the library are enough, in which as thirty seven (30.82 %) indicates sitting arrangement are insufficient.

Likewise seventy eight (sixty five %) respondents conveyed the figures of node obtainable in the library are enough, while forty two (thirty five %) respondents said not adequate. In case of multimedia facility ninety (seventy five

%) respondents out of 120 suggests that multimedia facility are enough, while thirty (twenty five %) claim multimedia facility are insufficient of printer and ninety one (75.74 %) aren't satisfied.

4.7 Users Satisfaction with Library Facilities

TABLE 7

Satisfaction	No. of Respondents	Percentage
Partially Satisfied	40	33.33%
Fully satisfied	55	45.83%
No comments	11	09.18%
Least Satisfied	10	08.33%
NR	4	03.33%
Total	120	100%
NR = No Response	(Figures within parenthesis are % age)	

Table seven shows that forty (33.33 %) of the respondents partly happy with the services, basically fifty five (45.83 %) of the respondents really feel completely pleased with the services, ten (08.33 %) least happy and eleven (09.18 %) haven't shown some views about the program.

5. CONCLUSION

Digital info libraries have human resource needs which are just today starting to be clear. Although librarians have usually engaged in the organization as well as arrangement of info collections. Electronic services and collections call for librarians to perform as expertise navigators and as some people have indicated as cyberspace organizers. The dynamics of electronic info materials likewise demands electronic librarians to be source integrators and also offer users session as well as interpretation services. The brand new electronic info earth needs that librarians add value to the usage of info. Librarians operating in electronic info structures are makers of info with the assembly business as well as development of new knowledge. The

validation and authentication know-how information that are brand new opportunities to the postmodern librarian.

The majority of the goals are very satisfactorily and the majority of the owners of T and S libraries are made available the digitalized services, but ratio of services owners by owners differs since it's based mostly on the work type and also the dynamics of library. E-mail as well as WWW are likely the most used products by the library people. All libraries allow the users of theirs to make use of the Information considered as important resources for the improvement of society. In each and every sphere of exercise, peoples are contingent on info. The web is a useful tool for accessing info speedily, so it's the main task of libraries to offer high speed Internet connection, a selection of printer available as well as nodes. Far more pc should be fitted as well as utilized in growing the library services to operator simply because in such a quick life.

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