

THE USING OF DIGITAL LIBRARY AMONG UNIVERSITY STUDENTS: DIGITAL LIBRARY RESPONSIVE, INFORMATIVE, AND RESOURCES.

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ABSTRACT

The availability of e-resource and how they are used by the students has been a major concern to academic libraries and information centres. The use of the digital library can be measured when students use digital library responsive, digital library informative and digital library resources. As faculty and students are overwhelmed by adapting to online teaching and learning, it becomes even harder to reach. As a way of supporting students learning, digital library resources and services were offered to patrons. Despite the many challenges that libraries were facing, many are being innovative enough to identify and offer services that could support students learning. Few articles have been selected as a guide of previous studies to learn more about the digital library. We had referred to several articles as a guide from past research as the data to be studied. It consists of a questionnaire survey, observations, and interviews. To be reminded that we do not make any approach ourselves as it all comes from the articles that we had studied. The result of using digital library responsive, informative and resources steps positively affected the student learning in university. This paper highlights literature on the effectiveness of students' learning and the subsequent actions of higher education institutions as part of campus sustainability. These findings should be seen as a reference for policymakers at higher education institutions, as voluntary tools alone would not produce meaningful results for students.

Keyword: Library, Digital Library, Electronic Library, E-Resources

1.0 INTRODUCTION

The digital library has used several different phrases over the years to denote this concept electronic library, virtual library, library without walls and it never was quite clear what each of these different phrases meant. “Digital library” is simply the most current and most widely accepted term and is now used almost exclusively at conferences, online, and in the literature (Dominic, 2009). Another factor adding to the confusion is that digital libraries are at the focal point of many different areas of research, and what constitutes a digital library differs depending upon the research community that is describing it. According to Dominic (2009) this definition of a digital library, and these characteristics, are the most logical because it expands and extends the traditional library, preserves the valuable work that they do while integrating new technologies, new processes, and new media.

A digital library is not a single entity. According to Trivedi (2010), it requires technology to link the resources of many collections. The links between digital libraries and their resources are transparent to users. Digital library collections are not limited to document surrogates (bibliographic records). They are the actual digital objects such as images, texts, etc. Information Technology (IT) infuses all aspects of modern life, and the growth of digital information continues at an unprecedented rate. Higher education institutions have invested heavily in providing campus IT infrastructure to students. With the convenience of this technology, it has helped students learn on the go. Time and cost of travel to and from campus are eliminated. Digital library promotes individualized instruction or learner-centred education where students may set their own objectives and explore their own learning needs online.

A digital library also referred to as an electronic library or digital repository, is a collection of documents and files in the form of an organized electronic, available on the internet. Users may be able to access magazine articles, books, papers, pictures, voice files, and videos in it. Universities in the world today, have taken advantage of this phenomenon by having their own website. University websites are expected to participate in the success or failure of the university; this is because these websites are now used as marketing tools of their programs to the users in general. Therefore, students' perceptions of the quality of digital library resources and services that can be accessed can be assessed from digital libraries.

2.0 LITERATURE REVIEW

The study of relevant literature presents the perceptions to the investigator about the study and research that has already been published on the subject and its allied areas. With the development of time and technology, the library has developed from a simple collection of reading materials to an information centre. The literature in all fields is growing rapidly, and in the fields of science and technology-it has doubled many times. Due to the increase in user demand, libraries have adopted modern methods of computers, the Internet, and intranets.

According to Sanjay Gupta & Sanjeev Sharma (2016), they have conducted a study about “Awareness and Satisfaction of users Using Digital Information Resources and Services in the Libraries of IIT Kanpur and IIT Kharagpur” stated that the purposes of the use digital information resources by the majority of students is to get the study material, literature for the studies and to get current information whereas the purpose of using digital information services through majority respondents is to get the study or research material, to know the availability of material and to understand the availability of material . This study clearly depicts that majority of respondents from IIT Kharagpur are more aware of digital information resources as compared to respondents of IIT Kanpur.

In this study conducted that the statistic has been analysed about the awareness of using digital information resources, so the numbers of respondent's range in analysis for different digital information resources. It is obvious from the study that the majority of respondents from IIT Kanpur cited that digital information resources are very essential as compared to respondents from IIT Kharagpur. E-books are taken into consideration as very important 71.1% of respondents from IIT Kanpur in the evaluation of 59.2% respondents from IIT Kharagpur. Subject portals are taken into consideration as very crucial with the aid of using 68.8% respondents from IIT Kanpur observed with the aid of using 65.9% respondents from IIT Kharagpur. E-journals are taken into consideration as very crucial with the aid of using 62.4% of respondents from IIT Kanpur in the assessment of 59.8% of respondents from IIT Kharagpur. CD/DVD databases are taken into consideration as very important with the aid of using 58.6% respondents from IIT Kanpur in comparison to 56.2% respondents from IIT Kharagpur. Bibliographic databases are taken into consideration as very important with the aid of using 54.3% of respondents from IIT Kanpur in the assessment of 48.4% respondents from IIT Kharagpur.

For centuries, libraries were the guardians and vendors of “books, journals, maps and different materials which are utilized by college students withinside the learning process”. Today, they are worried approximately their sometimes-dwindled function in society and this function is predicated increasingly on the records and conversation era. The reaction of libraries to the cutting-edge challenges changed into an improvement of recent virtual records assets supplemented with the aid of using new content material transport offerings. Online lending is a free service that provides access to a wide range of lending services such as peer-to-peer lending, computer lending, and online book lending.

According to Radovan Vrana (2017), said that “the existence of such a trend in which students of today have closely embraced modern technologies to enhance their learning, and libraries have become their companion in the role of knowledge organizer offering various services which might be ICT incorporated”. This study stated that, the digital libraries offer “online catalogues, databases, multimedia, online journals, digital repositories, electronic books, electronic archives and online or electronic services”. The existence of digital libraries has had an impact on library services, from the automation of internal record-keeping systems to the digitization of physical collections. Digital libraries are important to education because they provide up-to-date materials, instant access to various resources that do not exist physically, and they provide resources anytime and anywhere through an Internet connection and obtain these benefits in digital format.

The relationship between digital libraries and e-learning is straightforward. Digital libraries as networked records structures are already a part of the learning system. The need for digital libraries in e-learning might be additionally observed withinside the very definition of e-learning. E-learning might be interpreted as digital learning; the learning that includes the Internet, learning from a distance through the resource of the net or other digital gadgets. E-learning includes all kinds of digital supported learning and teaching, which can be procedural in person and intention to impact the development of understanding with regards to personal experience, exercise and understanding of the learner. E-learning isn't viable without the learning material, and this is in which digital libraries because the resource is available convenient.

According to Pavani (2016), stated that whether digital libraries are appropriated for inclusion in the learning process and determined out the following reasons. For example, documents in all formats are controlled in a unified way, (texts, animations, interactive exercises, audio files, video streams, e-books, e-journals and online tests) may be saved, defined and dispensed through computer systems and network, access control (contents can be assigned different types of access according to the classes of user which might be entitled to them.), content sharing (authors could make their contents available for other faculty to combination into their courseware.), interactivity (contents stored in digital library may be interactive and primarily based totally on multimedia.), customization (a few users can also additionally required special traits of the contents and the system.), reuse (courseware may be evolved with a granularity that makes it flexible to combine and guide multiple syllabus.) cross organization cooperation (digital libraries are networked information resources and allow that content may be used from one of kind cooperating institutions.), and any place and any time learning (any students observe in one of kind hours of the day any day of the week).

According to Fahimme Abbasi (2012), libraries each traditional and digital one has 3 roles in schooling which is a region for sharing reach records, preserving ideas, and supply recognition to deliver collectively character with gaining knowledge of aims. The primary reason for every library is helping, facilitating, and increasing formal schooling in mom organization. Next step is to help with casual schooling. Resources in libraries are amassed to assist in gaining knowledge. Digital libraries offer the spot to get admission to a huge variety of reasserts now no longer exist physically, in an assessment with conventional libraries which can be confined to region and time. Digital libraries without bodily boundaries can offer assets thru a web connection every second from every region. Because of those advantages, in virtual libraries gaining knowledge is an impartial process. Digital libraries offer suitable possibilities for novices, due to inclusive of updated records.

Digital libraries are at the manner to hyperlink their records at the Web to serve their users. Unfortunately, virtual libraries are lagging in the back of to put up their first-rate assets at the Web for wider network usage. Many libraries are succeeding in efforts to introduce present-day Web requirements withinside the shape of the Semantic Web through the use of connected records technologies. According to Zahid Raza, etc. (2019) stated that traditionally libraries had been working as storehouses of books, journals, manuscripts, audiovisual fabric and different reasserts of data. With the emergence of virtual and Information conversation technologies (ICT), libraries additionally have become data companies without the requirement

of buildings. Digital libraries and virtual libraries had been the superior paperwork of library offerings for far-flung customers. In a conventional library, the catalogue is used to locate traditional library fabric. With the life of digital data on the Web, librarians are sure now to comply with the connection between libraries and computers. The ICT revolution is curbing the conventional roles of the librarians and libraries.

The application of related statistics technology in digital libraries has enabled Web users to get entry to quality statistics of libraries round-the-clock at the Web. Linked statistics technology aid that statistics resources ought to be had at the Web without any retrieval restriction. Linked statistics technology use faceted browsing facility the use of distinctive related statistics structures to offer required statistics of the users. Maria et al. (2016) described in their study entitled Current state of Linked Data in digital libraries that the application of linked data technologies in libraries has made capable the digital collection to be viewed by machines on the Web just like humans. Machines can better read, interpret, and reuse information using linked data technologies to respond the human queries in a Semantic Web environment. This study also describes that linked data applications are utilized by European, a digital collection from museums, data and libraries of Europe which includes audiovisual collection. Its users can search and share the material on social media sites.

Another study conducted by Anyim (2018) stated that University e-libraries have made studies greater exciting, and feature attained the fame of intellectually prepared statistics useful resource Centre and a global of expertise at researchers' fingertips. Adoption of college e-library is a good match towards making researchers, college students, school individuals and the college greater studies driven. The reason for the adoption of e-libraries in universities in Nigeria is purely to offer digital and online assets for the team of workers and college students a good way to beautify academic improvement and offer academic assets for powerfulteaching, studying and studies sports.

It is obvious that most of these respondents are both postgraduate students who are also the academic staff of the universities. In an academic society where there is a traditional slogan "either you publish, or you perish" continuous research and publication remain the predominant engagement of academic staff. The digital resources are available in digital libraries in universities in Kogi State. This includes electronic Journals, online databases, Online Public Access Catalogue, wireless network, search engines, electronic books, Local Area Network (LAN), the World Wide Web (WWW) and online newspapers CD-ROMs and online indexes

and abstracts. These libraries lack institutional repositories, DVD Rom, and official portals. The major e-library services are provided by university e-libraries in Kogi State Nigeria. These services include: information literacy services, digitalization of local contents, online internet search service, electronic document delivery services, e-reference services, CDROM searching service, online inter-library service, technical training in ICT for staff and users, data management services, customer care services, awareness and workshop services, online cataloguing services, e-mail services and data analysis services while audio/ video conference services are not available in these e-libraries.

According to Ekere, etc. (2016), state that the satisfaction of library users is a function of the quality of information products or resources received the quality of information system as well as library facilities and services provided to access the information product. Therefore, satisfaction is a function of three main sources quality of the information product, the information system and the services that make the information product available. Services in e-library consist of the standard conventional library and data offerings and different international data offerings thru computer and telecommunication systems. Ekere, etc. (2016) confirmed the various services provided at the digital library which consist of: online net search services; email services; online reference services; online cataloguing and classification service; customer care services; management of online databases; Subscription services; awareness and workshop services; Audio and video communication services; information groups/speak databases; digital file shipping Services; Interoperability services; Technical schooling in ICT for a group of workers and users; online inter-library services; digitized finding aids together with online indexes and bibliographies and online cataloguing and classification services.

3.0 RESEARCH METHODOLOGY

This paper seeks to examine the use of digital libraries among university students which includes digital library responsive, digital library informative and digital library resources to assist the objectives of this study such as is to observe the use of digital library among university students, to know the importance of various digital resources and services amongst the students and to know the awareness of students about the available digital information resources and services. Based on the results of this study that included methods of content analysis. Articles were chosen from 2016 to 2020 for this literature review. The literature primarily focuses on the digital library to give satisfaction to students when uses the digital library. The purpose of selecting these key themes was to convey how to develop effective student learning with a digital library. Google Scholar, Research Gate, Science Direct, EmeraldInsight, Web of Science were that databases used to search for articles related to the sustainability of the digital library. Those articles were selected and identified by primarily using the concepts, terms, or keywords related to sustainability based on the digital library. A simple search using Google Scholar with keywords or concepts that related to the digital library that related with resources, informative and responsive, from 2016-2020. The articles selected represent as a reference to investigate the abstracts, methods sections and result to make sure that each of the articles had information that reliable and related to the sustainability of digital library with responsive, informative and resources. This study was developed to examine the digital library in order to assist in the implementation in the university. To make students use the digital library more efficiently and effectively, we had referred to several studies related to the digital library. The previous article prefers to survey by having questionnaires either directly or indirectly.

4.0 RESULTS AND DISCUSSION

Since we focus on the use of the digital library, the students are always considered as responsible people who carried out a vital role which a critic and taking care of the digital library. According to Shukla and Sialai (2016) in a conference presentation, the development of ICT and its application in library and information centres have changed the nature of collections, the needs of users, the library environment, and the roles of LIS professionals.

The library services are important because these services can give an impact on students' satisfaction when using the digital library. This is because students will refer to the librarians if need their services if there is any problem or need guidance related to the library. The current study also identified the importance of asking a Librarian as a library professional. As a result, the library services can be more effective if the librarians play their roles.

Users with virtual reference services via a live chat software, text messaging, and email form which students can access through embedded links and widgets on their library's official website. It implies that the students are conversant with the importance of digital information services in knowledge acquisition in the 21st century. Digital information services are easier and more convenient to use. The database of digital material is open to all students in university and can be accessed everywhere.

In terms of library responsiveness, library responsiveness is strongly associated with the student's satisfaction. This is because digital libraries have recorded some importance such as bringing information to users, providing enhanced searching, collaboration, sharing, and have drastically reduced the issue of the digital divide.

Digital library also has changed the way humans interact with information, for, as long as there is an internet connection available and the user has an appropriate access device, the requested information can be accessed from anywhere at any time. Moreover, in so doing, Digital Library has introduced learning, and especially distance learning, to new dimensions.

The library informative has a significant influence on student satisfaction and students' learning. Digital library informative is about the quality of the resulting information and the process to identify its needs measures of the success attained. The contents of the digital library must be manipulated and prepared to best serve the other stages of the information life cycle. It also wants to investigate that the digital library are makes relevant information about its service available to the users.

Ensuring that relevant information resources and to users goes a long way to encourage users to visit the library more often in future. A library is a warehouse of information without users. The users are the ultimate consumers of library services. King (2005) says that information needs and expectations are continuously changing in the rapidly changing information scenario. Libraries ought to re-orient their collections, services, and facilities to stay pace with these advancements. User feedback is taken into account because the most reliable consider mensuration the utility and effectiveness of any library. Librarians will offer a comparative photograph of usage by creating user surveys a daily part of the library's activity.

The emergence of digital technology has accelerated the library's subscription to journal databases, e-book, cataloguing and reference management. In existing digital repositories, online databases and multi-search engines have become reliable sources to their users. These online database resources deepen the availability of electronic resources and extend the boundaries of academic research.

Resources are critical to students learning. The availability of resources both print and electronic can have a significant influence on user satisfaction. The overall perception of a library's services and resources contribute to user satisfaction. Ensuring that relevant information resources and to users goes a long way to encourage users to visit the library more often in future. Nearly all new info is made in digital format.

The libraries collected the data resources and provided them to the users. One in all the foremost necessary aspects of the digital library within the university is its info quality services to the university community, significantly by students. info quality additionally plays the necessary role in a digital library to supply the data to users.

The services and resources can help the users improve their daily work and task. However, these services and resources need to upgrade from time to time based on the latest developments and user needs. In order to improve users' satisfaction, improvement can be made in the features considered important by users.

The librarians should include aspects that identify directions for development in the field, the implications of the information technology plan. Digital libraries are open to new developments and information resources, human and services are factors for progress.

Various new services like access to electronic or digital collections (online information electronic journal, e-books, and digitized collections), electronic commercial enterprise, online

references and online library instruction are introduced by the librarians. This development has improved access to activities in digital format.

This development additionally has improved access to acceptable, current and pertinent data at unimaginable speed. The system quality of the digital library is to supply and explore the potential of web-based mostly in digital libraries by providing the system that distributed repositories of knowledge, thereby providing info to users with effective tools and may find what users want and may examine it handily and well.

5.0 CONCLUSION

Digital libraries provide a variety of benefits that can help users in many ways. Digital library existence certainly greatly helps educational academics in finding learning resources. The core benefits of digital libraries are easy to access, unlimited space and time, preservation of collections. From many benefits provided by digital libraries, do not make it replace the position of conventional libraries. The position of the digital library is complementary to the existence of conventional libraries in facing technological developments. Although it has many benefits, digital libraries still have various problems in their practices.

These problems will later become a challenge for educational managers. These challenges are facilities that do not support, challenges of digitizing library collections, challenges of human resource ability in operating and managing digital libraries, challenges of copyright protection, and challenges of financing. Conventional libraries are irreplaceable by other library models including digital libraries. Although conventional libraries have their disadvantages, digital libraries come with all the benefits they offer as a complement to conventional libraries in facing the technological developments.

Digital library practices should be integrated with conventional libraries so that their use is more effective in supporting learning activities in every university library. Librarians should be familiar with every challenge that will face in implementing a digital library. Therefore, they can prepare whatever needs to be done to face each of these challenges in the implementation of digital libraries.

The digital resources give largely advantages to the digital library such as the speed of access to digital resources, huge number of digital resources available and personalization. According to Norazlin (2012), she stated that all of these can make user put their expectation of the library higher, which library users want to be more independent in conducting or searching information needs on their own. Designers must aware that digital library utility is measured by getting more sophistication from users.

To make DL services more helpful, designers must learn and study more about users' needs and try to fulfil them. For example, in designing user interfaces, designers need to investigate from the users whether DL interfaces are designed in a user-friendly manner. It is because only users may have interaction with the interface of the systems provided by the library (KaniZabihi et al., 2006). The author reveals in his study that in order to establish a digital library, the online system is part of it and very important things to be considered.

Therefore, librarians and especially users need to know how to hits and use the systems provided by the library to retrieve needed information at anytime, anywhere.

In the related previous work of Stelmaszewska and Blandford (2004) undertook a study in order to understand better people's interaction and their needs in the context of a traditional and physical library. The results of the studies showed that the first attempt at finding information in a library was to search the OPAC by the title keyword. Whilst users need to be familiar with a physical library environment to find information that they are searching for. Through all studies that have been done by scholarly researchers and professional shows that only expert user of digital library (DL) is more successful at finding the information needed rather than non-expert users. Thus, it's supporting views that DL design has to take into account the IT skills of the users.

Libraries around the world have been working hard to face digital library issues and challenges. With several years of experience, librarians discovered that they should seriously focus on legitimate copy and digitization. It is not an easy task for the libraries to establish a digital library without embedded current technology. From the reviews, we can conclude that the key to library services to the remote users are universal and must be addressed to meet successfully the needs of patrons.

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