Research on the Construction of University Digital Library

Guocan Ren

ABSTRACT

With the rapid development of Internet and information era, digital has deeply influenced our daily life and work. Will the construction and development direction of university library digitization. Therefore, based on the analysis of the significance of construction of University Digital Library, to grasp the characteristics of the construction of the digital library, according to the problems of University Digital Library Construction of the current problems, put forward the solution, provide the basis for the construction of Digital Library in Colleges and universities better.

KEYWORDS

Network; Digital library; Colleges and Universities

With the rapid development of Internet and information technology, digital information is constantly changing our work, study and life, there is information on the Internet is more and more abundant. In common under the influence of various factors, the digital library came into being, it is produced in the rapid development of Internet and information technology is the inevitable trend of the university the development of the library. The main purpose of the construction of Digital Library in colleges is to build a comprehensive adaptation of "cloud computing, big data, networking, new demand for mobile Internet and other new environment and domain knowledge service digital library strategic security service system, the resource organization, play a more important role in technical support and service for innovation. The construction goal, must build a good digital library. In the process of construction of University Digital Library in

Guocan Ren, Ningbo City College of Vocational Technology of Ningbo, Zhejiang 315100, China
colleges should make full use of all resources. Under the new situation, it is the primary task for universities to speed up the digital construction of libraries, which needs continuous practice and efforts.

THE SIGNIFICANCE OF THE CONSTRUCTION OF UNIVERSITY DIGITAL LIBRARY

Digital library is connected through the network at home and abroad to get around the digital resources, digital resources, sharing of resources and services, improve resource utilization, reduce the use cost. Not only to serve the students and the teachers college library to serve the society. With the rapid development of Internet technology, people are more and more dependent on network the higher, the traditional library has been unable to meet the service to the community.

The construction of digital library is conducive to the creation of learning environment and enhancement of the quality of the public. The digital library is not limited to specific units and institutions at the same time, break through the limits of time and space, no matter who can access information resources from the network through the appropriate way so that the digital library is conducive to creating a good social learning environment, therefore the construction of university digital library is the realization of the source and power of the strategy, is for lifelong education classroom.

Digital library helps the universities to promote the scientific research work. Colleges and universities focus on teaching and research; these must rely on modern information through the support, will have better development, and improve the international competitiveness of university teaching and research in the field. In the aspect of teaching, teachers and students through the digital library query literature, can improve the teaching quality and contribute to a more international teaching mode.

The construction of Digital Library in colleges and universities promote active participation in economic construction, to better contribute to the social economy, enhance the comprehensive national strength of our country.

THE CHARACTERISTICS OF DIGITAL LIBRARY

Storage Resource Digitization

With the rapid development of science and technology and the development of society and economy, more and more information is needed on the information storage requirements, the library must also be massive. With the development of information technology especially cloud computing, big data technology
development makes the digital library storage information become a reality and lay the foundation for the construction of the digital library.

**The Network of Information Transmission**

The digital library is based on the Internet; therefore, one of the characteristics of the requirements of the digital library must be networked. Whether the collection of information, or the transfer of information, have to rely on computer network technology. With the Internet, mobile Internet technology increasingly mature digital resources transmission channels more and more rich, the transmission speed is more and more quickly, can fully meet the demand of digital resources.

**Customer First Service Model**

The construction of digital library is mainly to meet the information needs of the user, if out of the needs of users, the digital library has no meaning. Therefore, the construction of the digital library must adhere to demand driven, continuous updating preferred generic resources digital resources, improve the structure, establish a reasonable system of information resources to meet the needs of various users.

**THE MAIN PROBLEM AND SOLUTION OF DIGITAL LIBRARIES IN COLLEGES AND UNIVERSITIES**

**Digital Information Resources**

The digital library must have a large number of digital resources, digital resources if not enough, you will not be able to provide a variety of information services users. The construction of digital library to carry out construction according to the actual situation in the school of digital library resources. In addition, the demand for the driver, continue to update preferred generic resources, improve the structure of digital resources to deepen. Open sharing of resources, promote resource integration and utilization. To actively improve the depth of cloud service system of digital resource usage.

**Digital Resources Standardization**

In the construction of digital library resources, should pay attention to standardization, standard fixed, according to the unified form of organization,
realize the sharing of resources, the formation of information resources and the need for a unified retrieval standard, to achieve resource sharing. With the necessary condition of digital library construction unceasingly thorough, standardization construction should be further improved.

**Resource Navigation Problems**

As a digital library of colleges and universities, more and more service object, the main goal is to provide the academic resources for teachers and students, the society should provide learning and information resources for the public. Resource navigation can help reduce the Internet search service object of time and energy. To establish a scientific and perfect navigation, can greatly improve the quality of service in the digital library at present. The search engine classification is not scientific, resulting in navigation needs to spend a lot of manpower. Some are covered by the field of knowledge is not complete, resulting in a lot of information can not be classified. Therefore, the future of University Digital Library according to the actual capacity, combined with digital resources characteristics have been obtained, the integration and classification, establish the navigation structure reasonable. Classify the links necessary.

**REFERENCES**

1. Li Xin Qiao, 2015, China's Current Higher Vocational Colleges Digital Library Construction, Intelligence (In Chinese) (1), 31.
2. Jianmin Feng, 2016, Digital library construction analysis in the big data era. Science and technology communication (In Chinese) (1), 9.
3. Wei Li, Tingxiao Wen, 2015, Investigation and analysis on the construction of digital library in Hunan province, Library (In Chinese) (1), 1.
4. Xiaqing Liu, 2015, Construction and service of digital library taking Zhejiang Province as an example. Library theory and practice (In Chinese) (1), 6.
5. Weizeng Zhang, Jie Xing, 2009, Investigation and analysis of digital resources of University Libraries in China, Library work and research (In Chinese) (1), 10.
6. Bocheng Wu, 2010, Reflections on the construction of Digital Libraries in Universities, Journal of Yellow River Conservancy Technical Institute (In Chinese) (1), 3.
7. Fengge Yang, Bo Pang, Chongzhen Tian, Yan Xu, 2006, Discussion on the construction of university library, Journal of Hebei Engineering and Technical College (In Chinese) (1), 3.