Research on Information Construction and Management of University Library

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Abstract. In the rapid development of the Internet today, Information technology is gradually infiltrating into various industries. Library is the core of colleges and universities and an important place for students to learn knowledge. To promote the construction and management of university library informatization plays an important role in the improvement of students’ learning ability and the expansion of their knowledge. Informatization refers to the adoption of information technology for the rational use and development of information resources, through information technology to achieve information exchange and information sharing, so as to promote the quality of information and promote the rapid development of social economy.

1. Introduction

University library is an important base for teachers and students to acquire knowledge and improve their teaching and learning level. Library information management can facilitate students or teachers to find the required resources in the shortest time, thus greatly improve the retrieval efficiency, but also reduce the capital input of university libraries. In the process of library construction, information should be realized. It is necessary for the library to carry out information construction, which can provide readers with more convenient and better service, at the same time, the information technology can be used to effectively extract the information resources and knowledge of the library. The informatization of the library is an important mode for the construction of the library, and the service of the library is not limited to the traditional document service. From passive service mode to active service for readers, the library is gradually transformed from the former document center to the information service center.

2. Problems Existing in the Construction of Information Management in University Libraries

With the development of science and technology, the application of information technology in working life is becoming more and more frequent, and information technology is gradually integrated into people's life. Most social work is developing towards information and intelligence. Library information management is a term that has entered the field of management in recent years. It refers to the application and transformation of information technology to the internal work of the library, and to deal with the problems existing in the traditional management of library work by means of new technology. Make library information management more suitable for the needs of contemporary people. This paper discusses the problems existing in library information management, and then puts forward the relevant optimization countermeasures. The management idea of "library information management" was first mentioned in 2008. The report holds that "library information management will be the center of development of library management in the future". As it said, our management mode is gradually developing from the traditional library management mode to the library information system ten years later. The so-called "library information management", that is, the integration of the resources owned by the library itself, summarizes and stores all the materials of the whole library through the model of building an information database. In order to realize the science and practicability of library information management, people can get a more efficient and convenient book viewing experience by
integrating the modern advanced management idea with computer information technology. In the information construction of university library, there are still many problems to be solved.

2.1 Lack of Awareness of Information Management

At the present stage, a large number of libraries in colleges and universities pay less attention to the construction of information technology, and the consciousness of information management is seriously inadequate. Many libraries of colleges and universities still have the problem of “paying more attention to storage than using” in the aspect of management. And do their work only according to the basic requirements of the school. In order to solve this kind of problem fundamentally, the related administrators of colleges and universities must strengthen their own information management consciousness and establish the information management system with the development and utilization of literature and information resources as the core. To establish and perfect the consciousness of library management service, to meet the actual needs of teachers and students in colleges and universities, to improve the actual utilization efficiency of library resources, and to establish an open mode of operation.

2.2 Infrastructure Construction is Relatively Weak

Now, many libraries in colleges and universities in China have serious problems in terms of basic hardware facilities, many computer hardware and software equipment lack the ability to update in time, and even some colleges and universities still remain in the stage of manual management. As a result, the actual management efficiency of the library is very low. Even in some university libraries where computer equipment has been installed, the construction process has not really combined with their own actual management situation, and many other university software developers have low practical operation skills. As a result, there are many loopholes and deficiencies in the development and maintenance of management system in many colleges and universities, and there is no coordinated situation. In addition, the management system of university library has the problem of repeated coverage of database, which leads to the duplication and limitation of the library management system, the lack of standardization, the single content and the smaller scale of the management system. The information database system needs to be improved. Although every university buys a large number of books every year to enrich the library collection, but according to the current conditions of database retrieval system and query system, it cannot meet the scientific and efficient retrieval needs of teachers and students. The perfection and construction of library database directly reflect the educational level and cultural background of colleges and universities.

2.3 Shortage of Talents in Information Construction

With the continuous improvement of information construction, at this stage, the main objects of university library in information construction are modern advanced equipment and numerous documents. This requires that the library management staff should have the corresponding management knowledge and operation skills, be able to skillfully use the Internet computer, at the same time, in the process of building the system, they also need to combine the corresponding multimedia technology, have information retrieval, Analysis and transmission of technology, at the same time, processing of different data and information, combined with the corresponding network technology to meet the needs of teachers and students for book resources. However, there are still many loopholes in the introduction and management of talents in the libraries of many colleges and universities at present, and the problems of unreasonable structure and lack of talents are common.

2.4 Lack of Diversified Service Channels

At present, the proportion of digital collection in many university libraries is low and the network information resources that can be provided are very limited. At the same time, many university library management resources are underutilized. Compared with the western developed countries, the domestic library resource management system is developed late. The online consulting service is not mature enough. Compared with the foreign diversified service methods, the domestic library provides the service channel is very limited. There are mainly FAQ, E-mail and call centers in
foreign libraries, but only a handful of universities in China can provide FAQ services and E-mail services. The establishment of virtual consultation desk and call center library management system is more limited.

2.5 Lack of Planning and Low Resource Utilization

For a long time, our library information management work is in a groping "dry middle school" stage, there is no comprehensive overall planning, which inevitably leads to "think what to do, useful best," Useless idle "and so on repetitive construction problem." Repeated construction will lead to the waste of corresponding funds and resources, resulting in insufficient standards of library management, the lack of unified integration of resources information among various departments, poor communication, and so on. So much of the resource that the library spends heavily is idle or underutilized. Nowadays, the information management mode of the library has become a big trend. However, due to the competition among the universities, most of the universities are still in the stage of closed door construction. Not aware of the advantages of sharing resources with fraternal schools. In addition, each major university has its own characteristics, which to a large extent has increased the difficulty of information resource sharing platform construction. What's more, some colleges and universities take the attitude of ignoring the library construction. They think that the library construction is a waste of manpower, material resources and financial resources, which can not promote the development of school education. This kind of negative consciousness is also the fundamental reason that affects the library information construction and promotes the information management ability at the same time.

2.6 The Problem of Resource Information Security

In today's society, people are in an era of information explosion, and network technology is complicated. People can almost find any information they need from the network. How to make the library provide learning conditions for readers. Moreover, it can avoid the theft of library information resources, which has become another challenge of library informatization in the future.

2.7 Lack of Technology and Legal Guarantee in Library Infom Management

Although the domestic laws and regulations have been promulgated, in practice it is not ideal. The information resources of the library are not well protected, and the phenomenon of downloading and copying at will appears. Due to the lack of information security protection in university library, the copyright, digitization and privacy of university are easily infringed. In addition, the backwardness of hardware equipment, the non-standard of information statistics and information retrieval are also the important factors that affect the information construction of library.

3. The Way to Improve the Informatization Construction of University Library

In order to effectively solve the problems in the information construction of university library, and to improve the level and quality of the informatization construction of university library; It is necessary for the relevant personnel to take necessary measures to improve and improve the information management service. We should raise the awareness of information management service and promote the improvement of the library management service level, and attach importance to the construction of infrastructure and the improvement of the management and service mode. Attach importance to the introduction and training of high-quality information talents and improve the integration and development of resources.

3.1 Improve the Consciousness of Information Management Service and Promote the Improvement of Library Management Service Level

At present, the library of colleges and universities should attach great importance to the construction of information system in order to promote its own information level. The relevant
administrators need to raise the awareness of information management service and promote the improvement of library management service level. With the continuous improvement and improvement of the information technology level of Internet, the demand for related information of teachers and students in colleges and universities is also increasing. The traditional library management mode can no longer meet the needs of teachers and students for information resources in colleges and universities, aiming at such a situation. Relevant managers must innovate the model of book management, combine with the actual needs of teachers and students, perfect the information system of book management, innovate the way of service, widen the service channel, and improve the level of service management in colleges and universities in an all-round way. Managers must clearly understand the orientation of the library society and determine the short-term goals for the future development of the library according to the needs of the society and the readers. Then, we should deepen the control of internal resources and information quality in library management, and construct a professional data and information platform which can provide readers with health, accuracy and detail. Finally, we should strengthen the integration and induction of network information. Will be huge, complex network information classification, easy for readers to use, read.

3.2 Attach Importance to the Perfection of the Service Mode of Infrastructure Construction

In view of the main problems existing in the current book management, first of all, colleges and universities must attach importance to the investment in the book management system, especially in the construction of information infrastructure, to ensure that the capital investment is not just a verbal commitment. In the construction of library management, we should ensure that the proportion of funds input increases year by year, and the ratio of increase should be controlled within a reasonable range to ensure that the investment of funds can achieve the maximum output. In addition, in the construction of library information management, we should pay attention to the construction of the infrastructure of the management system, clarify the actual needs of teachers and students for information resources, and at the same time, build the information automation of the management system. In addition, in the construction of university books management, we should take into account the interests of all parties, combine with the actual situation of colleges and universities to build their own book management mode, improve the pertinence of construction activities. At the same time, in order to guarantee the normal and high quality service of the library, through the feedback of readers and staff, we can find out the characteristics of our own information resources, enlarge our advantages, and gradually develop a special way of development suitable for ourselves. For example, to establish the data information resource search mode with its own characteristics, and to attract more and younger user groups with its own characteristics. The information service channel is still too single. According to the current information development situation, the library service diversification trend has become inevitable. Although most colleges and universities have carried out the reform of library management mode, compared with foreign countries, the service channel is still too single, such as serving only teachers and students in school, which is also a major factor that causes the lag of library information management.

3.3 Attach Importance to the Introduction and Cultivation of High-Quality Information Talents

Talents play an important role in the information construction of university library. In view of the shortage of high quality talents in university libraries, it is necessary to take necessary measures to strengthen the introduction and cultivation of talents. The most basic requirement for the construction of library informatization is to master the corresponding complex skills. In view of the current information updating speed, the staff must improve their work level and work efficiency. We should not only limit ourselves to the process of borrowing books and returning books, but also familiarize ourselves with the relevant computer operation techniques, master the basic principles of software application, and improve the level of information services for different disciplines. The information resource service of different discipline can be guided discriminatively. In view of this, the university library should improve the quality of the staff in the following two aspects: on the
one hand, it is necessary to attach importance to the introduction of library management talent, to establish the corresponding entry threshold, and to conduct regular examination and training for the staff. On the other hand, it is necessary to perfect the corresponding training system, to establish a targeted training system, to carry out an assessment system for staff members, to clarify the corresponding assessment standards, and to fully establish the awareness of staff members to learn independently. Selecting the training mechanism suitable for the library system, organizing forum of information management and other professional knowledge courses regularly. Improving the quality of the staff and strengthening the introduction and training of informatization talents. Build a more perfect team of professionals, each team members do their own functions to enhance the library information management to a new level. At the same time, we can set up the system of reward and punishment, examine and punish the librarians, and improve the enthusiasm of the librarians, so as to improve the management level of the library information.

3.4 Improve the Integration and Development of Resources

At present, the university library needs to improve the integration and development of resources. The university library mainly relies on the database, the data information service, the computer retrieval system and the publication information service in the management of the information resources. In view of this, the university can innovate the development and utilization of the information service according to the actual situation of the university. Improve the construction of library information. At the same time, the construction of digital library and regional data center can be carried out in combination with the corresponding advanced technology. The level of software and hardware facilities of book management can be improved more. Build a platform to facilitate the sharing of resources between colleges and universities. With the development of information technology, the management mode of library must keep pace with the times and enter the era of Internet management. The construction of university library network should not be confined to local area network, expand the scope of Internet construction, establish regional network, and finally form the national and even global Internet management mode. At present, the developed countries have begun to build the information resource sharing platform, so that the wide dissemination of information resources will be of great help to the backward institutions of higher learning. In addition, in order to adapt to the trend of economic globalization, the cooperation between university libraries is expanding day by day.

3.5 Provide Corresponding Technical and Legal Support for the Realization of Digital Management in Library

First of all, it is necessary to establish a legal system of information management in university libraries and ensure that it can be implemented in various management posts, which plays a certain legal protection for the security of information resources, the leakage of information resources and the integrity of information resources. Secondly, the technical support of the library needs to be improved regularly to make up for the technical deficiency. To improve the level of information management of library is not a matter of the day, need each other departments, institutions, links of communication and cooperation, in order to ensure the orderly development of library information.

4. Sum up

Library plays a very important role in obtaining information resources for students and teachers, and will greatly enhance the comprehensive competitiveness of colleges and universities in the education industry. The information management mode of university libraries is imperative. In view of some problems existing in the construction of information management in libraries at present, it is necessary to raise the awareness of library information management services, build a platform that facilitates the sharing of resources among colleges and universities, and attach importance to the construction of infrastructure. Attach importance to the introduction and training of high-quality information talents and improve the integration and development of resources.
References


