Exploration of the Information Construction Path of Educational Archives Management Under the Paradigm Concept

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Abstract. With the continuous development of information technology, archives management information has become an important trend in the field of education. As a scientific research method, the paradigm concept emphasizes the integrity, systematization and regularity of scientific development, and provides new ideas and methods for the information construction of educational archives management. Based on the paradigm concept, this paper analyzes the current situation and problems of the information construction of educational archives management, puts forward a reasonable and effective construction path, which helps to improve the efficiency and quality of educational archives management, better serve the development of education, improve the efficiency and quality of educational archives management, and better serve education

Keywords. paradigm; archives management; education informatization

1. Introduction

Under the background of the era of big data, the development of information technology makes the archives management in the field of education more comprehensive and sophisticated, and information has become an important development trend of archives management. However, although the application of information technology in archives management is increasingly extensive, how to effectively combine the concept of archives science paradigm and build an efficient and scientific information path for educational archives management is still an urgent problem to be solved.

As a method of scientific research, the concept of paradigm provides a new idea and method for the information construction of educational archives management. It guides scholars to think about paradigms from multiple perspectives, such as the research of archives management paradigms, the research of specialized archives management paradigms and the research paradigms of archival academic research [1].

However, although the application of paradigm concept in the field of archives management has been explored, its specific application and impact in the construction of educational archives management information path are still lack of in-depth research and systematic analysis. Therefore, based on the concept of paradigm, this paper aims to deeply explore the path of information construction of educational archives management.

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Based on the analysis of the current status of the information construction of educational archives management, the paper puts forward targeted strategies and suggestions based on the theoretical framework of the concept of paradigm, in order to provide theoretical support and practical guidance for the further development of the information construction of educational archives management.

2. Paradigm concept

The concept of paradigm, proposed by Thomas Kuhn, is a theoretical expression of the system and laws of scientific research methods. It emphasizes the consensus of the scientific community on the common understanding and persistence of a certain theory or method. In Kuhn's interpretation, the paradigm is the sum of assumptions, theories, principles, and methods shared by the community of scientists, providing scientists with a research framework and thinking direction.

Specifically, the application of the concept of paradigm in the management of educational archives is embodied in many aspects. First of all, it requires the establishment of a unified management system and operational norms to ensure the authenticity, integrity and security of archival information. Through the formulation of clear management system and operation process, the concept of paradigm makes the archives management work more standardized and scientific, and improves the standardization level of archives management. Secondly, the concept of paradigm emphasizes the introduction and application of new technologies and new methods to promote the innovation and development of the archives management model. Through the use of cloud computing, big data and other advanced technologies, education archives management to achieve information, intelligent, improve the overall efficiency and level of archives management[2].

To sum up, the application of paradigm concept in the information construction of educational archives management has far-reaching significance. It promotes the standardization, standardization and efficiency of archives management, improves the level and quality of archives management, and provides a solid guarantee for the sustainable development of education. Therefore, we should deeply study and apply the concept of paradigm to continuously promote the innovation and development of educational archives management.

3. The current situation and problems of the information construction of educational archives management

As a huge, diverse and complex work, archives management has always been an important factor affecting the archives management work, which is related to the development of the whole archives management department. At present, there are two main forms of file management: one is the traditional paper file management, which mainly uses artificial intelligence to classify file resources according to certain indicators and place them in the designated area. The safety and reliability of the placement environment are the issues that need to be focused on[3].

Under the influence of big data era, new phenomena and changes have appeared in file management. Under the influence of the era of big data, the field of archives management is experiencing unprecedented changes. This transformation is not only

reflected in the size and complexity of archival data, but also in the way we process and use it. With the rapid development of computer and network technology, we have more efficient and convenient data and information processing tools [4]. In the past, faced with a huge amount of archival data, we may feel helpless. Today, however, with the support of advanced computer software, we can easily achieve fast data collection, accurate storage, efficient query, intelligent processing, flexible conversion and long-distance transmission. The realization of these functions not only greatly improves the efficiency of file management, but also makes it possible for us to dig deeply into the value of file data. More importantly, through the application of various computer software, we can give more value and meaning to data and products. These software can not only help us organize and analyze archival data, but also generate various forms of reports and charts according to our needs, so that we can have a more intuitive and in-depth understanding of the content and rules of data [5][6]. Giving value and meaning to data and products through various computer software is an important part of data processing. In the aspect of archives management, with the continuous emergence and application of new technologies, we have realized the digitization and network storage of archival data. This means that no matter where we are, as long as we have an Internet connection, we can access and use this archival data at any time. At the same time, through the corresponding hardware and software support, we can also edit and process files, data and information to meet the needs of different users. Therefore, it is very important to use the information law to process the data of educational documents and formulate the countermeasures of document management according to the technical requirements of the new era [7].

In the overall environment of social "big data", the policy discourse system in the field of archives has changed from informationization to data. In terms of technical environment, the popularization and application of big data technologies and methods, such as applying data mining technology to archives management, is order to promote the refinement of archives management[8], or to build a data flow-based archival data processing mode based on big data technology[9]. And the archival big data system construction framework[10].

At present, the safety factor of educational archives information system is not high and also needs urgent attention. In the process of information construction of educational archives, the transmission and sharing of information need to be carried out through the network, which has some hidden security risks. Some schools or educational institutions did not pay attention to this problem in the process of information construction of educational archives, resulting in the security of information in the transmission process can not be guaranteed. If the information is stolen during the transmission process, it will have a serious impact on the development of the country or the education sector. The shortage of high quality archives information construction is also an important factor restricting the construction of educational archives management. The information construction of archives management needs compound talents who understand both archives management and information technology, but there is a relative lack of such talents, which restricts the promotion of the information construction of archives management.

Therefore, the information management of educational archives needs to explore new ways to deal with the current challenges and problems.

4. The information construction path of educational archives management based on the paradigm concept

As shown in figure 1, education archives information management path need construction from the following five aspects, respectively is to establish a scientific and reasonable archives management system, strengthen the development and utilization of archives resources, improve education archives management information literacy, promote the wide application of archives management information, and establish archives management evaluation mechanism.
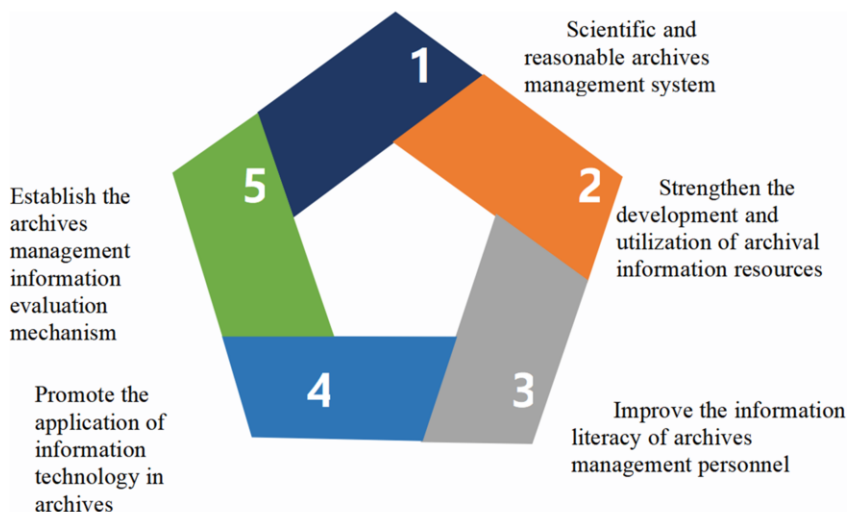

Figure 1. Information management path of educational archives

4.1. Scientific and reasonable archives management system

Under the guidance of the paradigm concept, the advanced management concept and mode are introduced, the targeted archives management mode is formulated in combination with the actual teaching situation, and the management concept is innovated to improve the standardization, scientific nature and management efficiency of archives information management. At the same time, a unified standard is established to standardize the entire document management, including standardizing the document management of each business system, in order to realize the sharing and utilization of archives resources. The efficiency and quality of archives management can be improved by formulating a perfect archives management system[11], clarifying the archives management process and strengthening the archives information security management. To clarify the process of archives management and strengthen the security management of archives information, especially in the field of educational archives management, standardized archives management policies and operating procedures should be

formulated to ensure the complete collection, systematic arrangement, accurate identification, safe storage and compliance utilization of educational archives. At the same time, we should introduce the paradigm concept, emphasize the innovation and reform of archives management, and promote the development of educational archives management to a higher level. Establish an archival information security management system, improve the safety awareness and ability of archivists, strengthen physical security protection, adopt advanced technology to protect archival information, and set up a monitoring and emergency response mechanism. In addition, regular self-examination and evaluation, strengthening the department communication and cooperation, and the establishment of archives information management system are also the key. Through the comprehensive use of these measures, we can comprehensively improve the efficiency and level of educational archives management, ensure the integrity, authenticity and security of educational archives information, and provide strong support for the development of education.

4.2. Scientific and reasonable archives management system

The paradigm concept emphasizes the integrity and systematization of scientific development, therefore, the educational archives management needs to strengthen the development and utilization of archives information resources, which is also one of the important directions of the information construction of educational archives management[1]. Including the classification, sorting, cataloging and digital processing of archival information, so as to realize the sharing and utilization of archival information. At the same time, it is also necessary to strengthen the in-depth mining and analysis of archival information resources to provide strong support for educational decision-making. Through deep mining and analysis of archival information resources, the value hidden in the archives can be found to provide strong support for educational decision-making. Archival information contains rich historical data and factual basis. Through the analysis of these data, we can reveal the law and trend of educational development, and find the successful experience and shortcomings in educational practice. At the same time, with the continuous development of information technology, the mining and analysis of archival information resources have become more efficient and accurate, so that these resources are more fully utilized. Therefore, it is of great significance to deeply explore and analyze archival information resources to make scientific educational decisions.

4.3. Improve the information literacy of archival management personnel

The paradigm concept believes that the development of science needs the consensus and efforts of the scientific community. Similarly, educational archives management also requires the active participation and contribution of archives managers. Therefore, it is very important to improve the information literacy of file managers. This includes strengthening the information training of archival management personnel, improving their information technology application ability, and cultivating their awareness of information technology and thinking. Only with good information literacy, archives management personnel can better adapt to the needs of archives management information construction.

4.4. Promote the application of information technology for archives management

As the theoretical foundation of scientific development, the concept of paradigm emphasizes the regularity and stage of scientific development, and has far-reaching guiding significance for the practice of information construction of educational archives management. Through the use of professional file management software, we can efficiently process, store and share file information to ensure the integrity and security of file data. At the same time, with the help of advanced technologies such as cloud computing and big data, we can realize remote access and deep mining of archival information, and further release the potential value of archival data. In addition, we should also pay close attention to the latest development of information technology of archives management, and introduce new technologies and new methods in time to promote the continuous innovation and optimization of archives management. Following the guidance of the concept of paradigm, we can continue to move forward on the road of information construction of educational archives management, and provide strong information support for the sustainable development of education[2].

4.5. Establish the information evaluation and evaluation mechanism of archives management

Under the guidance of paradigm theory, the development of science needs constant evaluation and revision, so should the management of educational archives. In order to promote the continuous optimization of information construction of archives management, a scientific evaluation mechanism must be established. This involves the formulation of comprehensive and reasonable evaluation criteria to ensure the objective and fair evaluation of the achievements of archival information construction; The establishment of a special evaluation body, composed of archives management and information technology experts, responsible for in-depth analysis and evaluation of construction progress; Carry out regular evaluation work, comprehensively check the integrity and accuracy of archival data, evaluate the stability and security of information system, and examine the optimization degree of archival management process. Through this mechanism, we can find and solve the problems existing in the construction of archival information in time, and then take targeted measures to improve and optimize, constantly improve the level of archival management and service capabilities, and provide strong support for the development of education.

5. Conclusion

The exploration of the information construction path of educational archives management under the paradigm concept has been a rewarding and illuminating journey. It has revealed both the promise and the pitfalls of this field, and has provided us with a deeper understanding of the complexities involved. As we move forward, it is crucial that we continue to learn from our past experiences, adapt to new challenges, and strive to create a more secure and effective system for managing our educational archives.

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