

# Research on the innovation of University Archives Management under the background of “Internet +”

*Yanfang Liu*

Xi'an International University, Xi'an, Shanxi, 710077

**Abstract:** the advent of the “Internet +” era has enabled all walks of life to realize the development of informatization, and it also plays an important role in the archives management of colleges and universities. Archives management is not only highly professional, but also involves many confidential contents, which fully reflects the importance of paying attention to archives management. Therefore, colleges and universities need to actively apply and give full play to the advantages of “Internet +” technology, and find solutions in time in improving management efficiency and strengthening the security of archives management. In the actual management work, most colleges and universities have established information systems, and gradually explored new paths in the reform of management mode, but there are still many deficiencies. Based on this, this paper explores the innovation of University Archives Management under the background of “Internet +”, hoping to provide a valuable reference for promoting the development of university archives management.

**Key words:** Internet +; Colleges and universities; Archives management; Innovation strategy

Archives management is a complex work. In the traditional management mode, it not only needs to invest a lot of manpower, but also needs to spend a lot of time. In view of this problem, colleges and universities need to take some measures to adapt to the efficiency of the information age. In the face of this actual situation, the application of “Internet +” technology to archives management has become an inevitable choice for the development of colleges and universities, which is also a new challenge for archives management in Colleges and universities. In the actual management work, colleges and universities need to take a positive view of the integration between archives management and Internet technology, and see development opportunities from many challenges. Therefore, it is of great practical significance to explore the innovative strategies of University Archives Management under the background of “Internet +” and can promote the informatization development of university archives management.

## 1 Opportunities for University Archives Management under the background of “Internet +”

The arrival of the “Internet +” era has broken the traditional mode of archives management and put forward higher requirements for archives management staff. At the same time, colleges and universities are constantly expanding the enrollment of students, which makes the archives management work face new pressure. It is necessary to reform the old mode of archives management with the help of “Internet +” technology. In this regard, colleges and universities need to deeply understand the new opportunities brought by “Internet +” technology for archives management, and explore new archives management mode.

### 1. Can enrich the means of archives management

The application of Internet technology in various fields has enriched people’s management means and made various work carried out in a more efficient mode. In the archives management of colleges and universities, the use of information technology can input the archives information in time, and it is convenient for manual timely query, which greatly improves the management efficiency. Compared with traditional manual search, paper recording, sorting and filing, “Internet +” provides managers with a large number of available resources, which reduces the intensity of archives management to a certain extent. Therefore, under the “Internet +” mode, the archives management in Colleges and universities can break away from the traditional single and inefficient management methods, and provide richer methods and means for managers to query and sort out archives. In addition, colleges and universities can use the “Internet +” technology to build an information platform to store information data, such as video, audio, and so on, making the storage methods of archive information more diversified.

### 2. Can expand the service space of archives management

With the development of China’s education, more and more students can enter colleges and universities to receive better education, which fully reflects the development of China and the importance of education. At the same time, with the increase of the number of college students, the file management work is also facing new pressure, which needs to store more file information. If the traditional archives management mode is still used, it needs to occupy equivalent space and colleges and universities need to invest more manpower, which will increase the management cost in all aspects. However, with the help of “Internet +” technology, colleges and universities can introduce computer equipment to realize digital storage, which not only opens up a new space for archives management service work, but also saves the management cost of colleges and universities. At the same time, with the help of archives management under the “Internet +” mode, colleges and universities can provide more convenient access and management services for staff with the help of information technology, so as to maximize the efficiency of archives management.

## 2 Challenges faced by University Archives Management under the background of “Internet +”

### 1. The concept of archives management staff needs to be changed

Under the background of the “Internet +” era, the traditional archives management in Colleges and universities has been difficult to

adapt to the development mode of colleges and universities. Managers need to actively change their ideas and apply Internet thinking to innovate the management mode. In the actual archives management work, some employees' ideas have not been changed in time, which limits the innovation and improvement of archives management mode to a certain extent, and has a negative impact on the development of archives management informatization. Therefore, the concept of archives management personnel has become one of the challenges faced by University Archives Management under the background of "Internet +".

#### 2. The quality of archives management personnel needs to be improved

Under the "Internet +" technology, the professional quality of archives management personnel in Colleges and universities needs to be further improved. They need to master information management technology, master various computer operation skills, and even make judgments in the face of some computer failures to minimize the loss. This puts forward higher requirements for the information literacy of university archives management personnel, and is also a new challenge for archives management under the Internet mode.

#### 3. Archives management methods need to be innovated

In the past, when colleges and universities carried out the archives management work, they mainly used the manual management mode, requiring a large number of staff to sort out and summarize all kinds of information manually. However, with the help of "Internet +" technology, university archives managers can adopt new management modes, such as editing and modifying archives through electronic coding. Therefore, under the background of "Internet +", the implementation mode of university archives management needs to be reformed and innovated to adapt to the informatization development of archives management.

### 3 Innovative strategies of University Archives Management under the background of "Internet +"

Different from the traditional archives management mode, in the process of applying "Internet +" technology, colleges and universities need to change the traditional archives management ideas, actively study innovative strategies, and promote the archives management work into a new mode.

#### 1. Actively change management thinking

Under the background of the "Internet +" era, University archivists need to establish a new mode of thinking, around the application of mobile network technology, thinking about the connection between Internet technology and archives management. In the daily management work, actively develop websites, wechat public accounts and microblog platforms to enrich the service mode of archives management. The application of these new models requires the archives management workers to have innovative consciousness and promote the informatization development of archives management. In addition, in view of the problem that the staff's management philosophy and management thinking can't keep up, colleges and universities need to provide opportunities for training and learning, relying on the network platform, organize archivists to make full use of time to learn the integrated application between information technology and archives management, and further improve the comprehensive quality of archives managers. As the front-line personnel of university archives management, archives management workers need to be aware of the new challenges they face, actively seize various learning opportunities, improve themselves and improve themselves, rely on Internet technology to carry out innovation work in depth, form network innovation thinking, and promote the reform of university archives management mode.

#### 2. Focus on improving management efficiency

First, colleges and universities need to put the safety of archives management in the first place, so as to promote the informatization development of archives management. According to the actual management needs, establish and improve the supervision mechanism, highlight the confidentiality and security of archives management, ensure that the advantages of "Internet +" technology are highlighted, and create a good archives storage environment. At the same time, colleges and universities need to strengthen the vigilance of archives management personnel, so that they can perform their duties in practical application, and ensure the safety of management work in strict accordance with the operating standards.

Second, colleges and universities need to strengthen the stability of the archives database to ensure the safety of archives information and the effectiveness of information management. At the same time, combined with the update speed of "Internet +" technology, colleges and universities need to actively introduce advanced management technology, organize relevant personnel to further study, enrich information management experience, and minimize the probability of data loss caused by human factors.

Third, combined with the investment and application of "Internet +" technology, colleges and universities need to improve the working system of archives management departments. The traditional management mechanism is formulated for a large number of manual management. Although under the "Internet +" mode, the work contents of managers are all different and the work efficiency has been improved, it still needs to input information, and it needs to spend a certain amount of time and energy to ensure the accuracy of information input. For example, the pre work of information management is relatively complex, which brings a lot of workload and psychological burden to the staff. In order to stimulate the enthusiasm of the staff, colleges and universities can formulate incentive measures to do a good job of humanistic care, so as to promote the archives management personnel to better complete the work task.

#### 3. Actively promote the construction of information management

In view of the fact that some colleges and universities' archives management work is still in the traditional mode at this stage, colleges and universities need to actively intervene and strengthen the management personnel's awareness of the integration of digital and informatization archives data resources. According to the overall trend of the development of colleges and universities in China, information management has become the inevitable trend of archives management, and gradually occupies a dominant position. Managers need to

change their ideology, pay attention to the progress and development of archives management, and maximize the application of “Internet +” technology in archives management. In this regard, colleges and universities need to ensure the sufficient amount of funds in the construction of archives informatization, and take the initiative to contact relevant units to build an informatization archives management platform. At the same time, according to the actual needs, colleges and universities can continue to develop new modes and terminals that are convenient for managers to operate. For example, in the current era of the popularity of smart phones, the archives management app is carried out, which is installed on the mobile terminal by the archives management personnel to facilitate their operation and query.

#### 4. Strengthen the application of "Internet +" technology

First of all, in the process of promoting the technological progress of “Internet +”, colleges and universities need to pay attention to the construction of infrastructure to lay the foundation for the application of archivists. For example, the introduction of advanced computer equipment, printer equipment and file scanners has made the informatization work of staff more smoothly. This requires colleges and universities to ensure sufficient funds to meet the needs of archives management in Colleges and universities. Secondly, in the future, the work of colleges and universities will achieve information management, and the construction of integrated mode is bound to become an inevitable demand. In this regard, colleges and universities need to build an information management platform as soon as possible, and set corresponding permissions in the construction, screen different user identities, ensure the security of file information, and improve the efficiency and quality of file management services. Finally, colleges and universities need to provide training opportunities for archives management personnel, so that they can adapt to the changes of archives management in the “Internet +” era as soon as possible, and also improve the information literacy of staff to meet the needs of the development of archives management informatization. In a word, in terms of strengthening the application of “Internet +” technology, colleges and universities need to start from many aspects, do a good job in the premise work, also need to fully consider the future development needs of colleges and universities, but also need to improve the information literacy of staff, and comprehensively promote the construction of informatization archives management.

#### 5. Do a good job in file information security

Under the background of the “Internet +” era, colleges and universities need to pay attention to network security issues and actively do a good job in the prevention of file security. In the specific application process, colleges and universities can carry out the “double” test of identity authentication and use authority for users of the file management system, and reduce the possibility of leakage of file information under the condition of clarifying the identity of users of the file system and whether they have use authority. Relying on the “Internet +” technology to ensure the security of time and space of archival information storage, colleges and universities need to realize the importance of ensuring that information is not leaked and damaged. With the construction and improvement of information-based file management system, colleges and universities can input the identity information of managers, recognize users’ faces, control the access range of management users, and further strengthen the security of file management. In addition, colleges and universities also need to focus on the needs of information security and prevention work, carry out special training for archives management personnel, strengthen the security awareness of administrators, and avoid the security threat caused by human operation.

## epilogue

In a word, colleges and universities need to comply with the needs of the development of social informatization, and actively apply the “Internet +” technology in archives management, so as to bring more convenience to archives management. In this regard, colleges and universities need to have a full understanding of the application advantages of “Internet +” technology, and be able to explore the optimization scheme from the current status of work, starting from changing management thinking, improving management efficiency, promoting information construction, strengthening the application of “Internet +” technology and doing a good job of archives information security, Promote the reform of archives management in Colleges and universities.

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# Daya weight check Research on the teaching reform of Guangxi local song vocal music MOOC

*Junqiao Zhu*

(School of Music, Huang Huai University, Zhumadian, Henan 463000)

**Abstract:** Guangxi is home to 12 nationalities, including Zhuang, Yao, Miao and Beijing, and has unique music resources. Vocal music teaching is a subject with strong theoretical and applied characteristics. Vocal music teaching should make full use of the rich music resources in the region and be guided by the reform of MOOC teaching, which is conducive to cultivating students' autonomy in learning, improving the effect of vocal music teaching, and further protecting and inheriting the local songs of ethnic minorities in Guangxi. Therefore, this paper takes the source, connotation and course characteristics of MOOC as the breakthrough point, focuses on the ways of teaching reform of Guangxi local song vocal music MOOC, further studies the application limitations caused by the characteristics of vocal music discipline, and puts forward the application optimization strategy of MOOC in vocal music teaching.

**Key words:** Guangxi local songs; Vocal music teaching; MOOC; reform

## 1 Introduction

Guangxi is located in the south of China. There are a total of 12 ethnic groups in the region. The rich national culture has bred a variety of local songs. Guangxi has always been a prosperous area of minority music culture in China. However, under the impact of modern multiculturalism, the living environment of national traditional music culture has been seriously damaged, and the traditional inheritance method has been unable to adapt to the development of modern society. How to better protect and inherit the local songs of ethnic minorities has become a serious issue. Although Guangxi has started to make efforts in this regard, such as Wuming's "March 3" Song fair and Nanning's International Folk Song Festival, which provide a stage for the display of local songs and play an important role in the protection and dissemination of Guangxi's local songs. Under the influence of "Internet + education", the teaching form of MOOC has been recognized and promoted by many schools in China, which has a great impact on the reform of vocal music teaching mode. MOOC mode can be more convenient for education and learning, and share teaching resources to a greater extent.

## 2 The origin and connotation of MOOC

The word "MOOC" originated from the United States and the translation of the word "MOOC", which means a large-scale and open online classroom. In 2008, Stephen Dawnes and George Siemens first proposed the concept of "MOOC", which is based on the beautiful vision of spreading the best educational resources on earth to all corners of the world. In 2012, after MOOC entered China, it quickly caused great repercussions in the field of education in China, and all disciplines actively joined this teaching reform. MOOC is an innovative subject in the whole field of education. It is not just an online video course, but an Internet virtual "online" teaching platform. Famous teachers in the world record excellent teaching videos and upload them to the Internet as teaching resources. Students can choose their own courses anytime and anywhere, and interact with teachers and classmates, And provide students with a systematic evaluation procedure to obtain credits and then obtain academic certificates, which can be recognized by entity schools.

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