

# Diversified Service of Collection Resources in University Libraries

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## Abstract

**With the rapid development of network technology, the big data and massive information increased dramatically, the conventional services of library collections need more altered to adapt the society requirement. In this paper, we proposed some methods to upgrade library collections by improving collection modes such as electronic journals, audio and video materials. All these measures are adopted in Chinese university libraries, which not only provide the high-quality services for students and teachers, but also diversified library resources for people outside campus.**

## Keywords

**Service; Massive Information; Library Collections.**

## 1. Introduction

Universities at home and abroad pay more attention to the construction and development of library collections [1-2], such as paper books, full-text electronic journals, audio and video materials, etc., which are constantly expanding in type and quantity. With the maturity of the network information environment, many famous colleges have invested heavily and increased the proportion of electronic resources procurement, such as CNKI China Periodicals Full-text Database, VIP Science and Technology Periodicals Full-text Database, Wanfang Data Degree Theory, Full text database, Guoyan Network database, National People's Congress newspapers and periodicals copy data database, CBMdisc medical database and other Chinese databases, SCI, ISTP, JCR, EI, INSPEC, CA, Springer and other electronic journal full-text databases, electronic journal full-text database, electronic journal full-text database, electronic books, Medline medical database, PQDD foreign excellent doctoral and master theses full-text database and other foreign databases. The richness of these collection resources undoubtedly provides great convenience for college teachers and students in scientific research, teaching and self-study. From the perspective of the construction of collection resources in various university libraries, it has broken through the category of traditional literature resources and expanded into a new library collection system with richer content and various forms. The collection has expanded from a single traditional literature resource to diversified information including traditional literature resources, electronic publications and network information resources.

Resources and collection structure are also transferred from traditional real collections to "real + virtual" composite collections. At the same time, in order to adapt to the current network environment, a large number of new information technology and network technology has been introduced. Although the library has made a lot of efforts in the construction of collection resources [3], there are still some problems. The author is working in the reading room for many years, focusing on the service of teachers and students, and combining their suggestions. The author will give some insights on the construction and service of the collection of audio and video materials.

## 2. Collection and Use of Audio and Video Resources

In today's mature development of network and multimedia, it can be said that most libraries have started the collection and use of resources in this area, and the construction of audio and video materials is part of the construction of digital libraries. However, many libraries do not do enough in this regard, and the resources involved are too narrow. For example, some libraries provide lectures by some experts or famous teachers of the school, and some provide video materials on popular science. On the other hand, the collection is not used, which not provided for teachers and students to use conveniently. China Digital Library provides better services in this regard, but some of them do not highlight the content that is more suitable for teachers and students in colleges and universities. In view of the development trend of collection resources in university libraries, it is necessary to reasonably locate the collection structure, teaching, research, basic theory and technology, and cultural popularization, etc., four or more levels coexist. The collection of excellent video materials must follow the provisions of the US and international copyright laws, and the principle of purchasing official copyright is the principle of legal ownership. Of course, it is another matter for open and free resources, and it can also save money for the library.

### 2.1. Teaching, Research and Audio-visual Collections

Many famous foreign universities provide open video courses on the Internet, such as the Oxford University, the Massachusetts Institute of Technology, the Yale University, the Stanford University, etc., all provide hundreds of excellent video courses online, and the number of courses is still increasing, which enables students from all over the world to appreciate the classroom style of famous teachers in famous universities, and feel the scene and atmosphere of exchanges between teachers and students of famous universities without going abroad. On the other hand, it also provides a certain reference for the teachers of the school when teaching the same course, so as to summarize the teaching methods that are more suitable for them. In addition, some well-known domestic universities and institutions of the Chinese Academy of Sciences also provide excellent open video courses online. For example, the Chinese Academy of Sciences provides hundreds of postgraduate series of video courses, including some courses with cutting-edge research content, which undoubtedly provides better learning and research materials for similar research directions of the school, and plays an important role in the development of the school in scientific research. The remote education systems of Tsinghua University, Zhejiang University and other colleges and universities provide a wider range of video courses. There are hundreds of these courses, including arts, science, agriculture and medicine. Reference is a good reference. With the further popularization of the Internet, various colleges and universities have successively launched high-quality courses for their own specialties, which are generally divided into national, provincial and school levels. These courses are often equipped with developed video course resources and more detailed answers to electronic exercises. It is also equipped with an online question and answer system based on web2.0. There are also some network sharing platforms for excellent courses [4]. The power of the network will inevitably lead to the flood of resources, and the difficulty of selection will increase day by day. On the one hand, the emergence of online open educational resources has made some well-known websites develop software that integrates resources, such as NetEase's Open Classroom. On the one hand, in order to better collect the best video teaching resources, we should also adopt the suggestions or recommendations of experts and students in our school, refer to the suggestions of famous experts from other schools and the opinions of similar professional experts from sister colleges, and collect excellent video courses. We can also use advanced network technology to provide a better platform for teachers and students. A predictable effect is that free Wi-Fi connection points are opened on campus. Teachers and students can access the library's web server at any time through mobile phones,

laptops, iPads, desktop terminals, etc. at high speed [5]. We can watch the courses we want to watch at any time. In this sense, the services of library collections have been expanded and diversified.

## **2.2. Audio and Video Materials Related to Science Popularization and Scientific Research**

Famous academicians and scholars with outstanding achievements often give lectures and reports to college students, of which popular science and scientific research account for a large proportion. These resources are invaluable. Together with the popular science, scientific research reports and relevant courses offered by the University will increase the perception and interest of college students in scientific research and play an inestimable role. Many colleges and universities rarely have masters visiting, so it has become one of the responsibilities of the library to take the initiative to obtain these precious video or audio resources. The knowledge and inspiration obtained through these resources are the dream of most aspiring young people. In addition, attention should be paid to the classified collection of some famous conference audio and video at home and abroad, such as the annual Nobel Prize, Wolff mathematics prize, and the fields prize that held once every four years, the highest national science and technology award since 2000 in China. While collecting the audio and video materials related to these awards, it is best to use web technology to provide online query details and online viewing functions for the convenience of teachers and students. The convenient use of these resources will greatly encourage the scientific research interest and motivation of teachers and students and promote the improvement of the scientific research level of the school, and then become the spiritual catalyst of "learning excellence is innovation".

## **2.3. Theory and Technology Application**

College education is often accused by some people of paying too much attention to theory and exam-oriented education. College students lack practical ability, which is reflected in weakness in technical application ability. Without exploring the right and wrong of this statement, it is certain that the practice of university education focusing on basic theory education to lay a solid foundation for students is correct. Ten thousand tall buildings rise from the ground, otherwise it is empty talk. Many colleges and universities also consider the former statement and try to add some lectures on practical project development in the curriculum to smooth the gap between theory and practical application. Relevant technical development books at home and abroad continue to emerge, and some paper books on the detailed development process of actual projects can often be seen in the university library. With the rapid development of network, practice videos of theory and technology application projects in almost all fields of society continue to appear, including many excellent works, which are favored by junior and senior graduates and graduate students. Supplemented by the increasingly mature self-study and acceptance ability, these excellent technology application videos can indeed be used by college students to improve their practical work and practical ability in a short time. At the same time, they further deepen their understanding of their professional theoretical knowledge, and everything is bright and bright. Among these many excellent technical videos, there are more computer related technical materials, and a hundred flowers bloom. For example, with the emergence of Google's Android mobile phone concept, free upgraded API downloads, more and more mobile phone manufacturers using Android operating system, and their corresponding software development technology books and videos continue to appear, such as the prosperity of the sun. The classified collection of these excellent theoretical and technical videos, and the development of relevant web service programs or the provision of FTP services will be beneficial for college teachers and students, especially college students facing graduation, to complete the leap from theory to practice and add some practical work experience.

### 3. Cultural Quality Education for College Students

The Ministry of Education has always emphasized the popularization and promotion of college students' cultural quality education, which covers a wide range of aspects. Here the author only mention the appreciation of storytelling and quyi in traditional Chinese culture. Traditional Chinese storytelling includes thousands of years of historical stories, folklore, etc. After the interpretation of storytelling artists, many popular storytelling works such as "Romance of the Three Kingdoms", "Yue Fei Biography", "Romance of Sui and Tang Dynasties", etc. are left. The figure description is vivid which has meaning of promoting good and punishes evil, and the virtues of the Chinese nation. It has left us with unforgettable memories and a profound impact on young people's establishment of a correct world outlook. However, a survey of post-80s and post-90s college students shows that fewer and fewer college students have listened to storytelling. The method of dissemination of storytelling has changed from the previous broadcast mode to the online on-demand mode. It is hoped that university libraries can also integrate such audio and video resources and provide convenient free on-demand methods to serve teachers and students. With the continuous development of network technology, all the audio and video electronic materials that are beneficial to the education and learning of college students are collected, and scientifically integrated and classified, to provide teachers and students with a wireless local area network environment that can be watched and listened to freely anytime, anywhere on campus. The convenient user interface will be one of the contents of the diversified services of the library collection resources, which undoubtedly expands the functions of the traditional library, and adheres to the people-oriented and service-oriented thinking. It can establish a new modern university book in front of teachers and students.

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