

# How to Serve Teaching and Scientific Research in Higher Vocational College Libraries in the New Era

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**Abstract:** *Library is a treasure house of knowledge and an important guarantee for the smooth development of teaching and scientific research in a higher vocational college. The specific management of the library itself will directly affect the teaching quality and scientific research level of teachers, so it must be paid attention to by every higher vocational college. Based on this situation, this paper will discuss how to make the library better serve the teaching and scientific research in higher vocational colleges, and explore the relevant optimization strategies from the aspects of library management, personnel training and so on.*

**Keywords:** *Higher Vocational Colleges, Library, Teaching and Scientific Research*

## 1. Introduction

With the continuous deepening of the reform of higher vocational colleges, the teaching, scientific research and other aspects of the school have received policy attention and support, and have achieved unprecedented support and improvement, but at the same time, it also brings new challenges and opportunities to the internal library of higher vocational colleges. Under the background of the new era, according to the new needs of teaching and scientific research, how to properly optimize their own data and personnel management to better serve the teaching and scientific research work is an important challenge and opportunity faced by every higher vocational college library at present. To do this well, we must improve our service level and quality by comprehensively analyzing the current era background and combining the current emerging technology and management technology.

## 2. The main problems existing in the libraries of higher vocational colleges at present

### 2.1. *Passive service mode, lack of active thinking*

For a long time, among the libraries of higher vocational colleges in China, it has been believed that the library itself does not shoulder the task of participating in teaching and scientific research, which should be in the charge of special school departments. The library itself is only a department responsible for preserving and providing learning knowledge.[1] This kind of thinking has always occupied a dominant position in the libraries of higher vocational colleges. Even today in this new era, we still adhere to this kind of wrong thinking. As a result, these libraries will not actively participate in teaching and scientific research, but only mechanically borrow books and read books. This conservative and mechanized behavior and thinking will make the library itself unable to comply with the trend of the times to innovate and improve its own service and management, and cannot provide sufficient help for teaching and scientific research in higher vocational colleges.

### 2.2. *Lack of attention to scientific research and separation from teaching and scientific research*

With the continuous development of the times, the speed of various information iterations is also rapidly updating at an unprecedented speed. Many books and materials stored in libraries may no longer meet the needs of students and teachers due to the continuous promotion of front-line scientific research. Due to the lack of understanding of this aspect and sufficient research on the scientific research and teaching of the majors in the school, the library is unable to sort out and update the books in the library in time according to the specific teaching and scientific research requirements, which undoubtedly lacks sufficient support for the scientific research development of Higher Vocational colleges.

### ***2.3. The quality of management personnel is insufficient, and the service quality is worrying***

The quality of the library in higher vocational colleges is not only the most basic collection content, but also the quality of managers. If managers lack sufficient scientific research and service literacy, even if the library has rich teaching and scientific research materials, it can not serve the teaching and scientific research work of higher vocational colleges well. At present, most of the management positions in higher vocational colleges belong to the marginal positions in higher vocational colleges. No matter in the selection of managers or training management, there is a lack of consideration on their teaching and scientific research. Most of the time, they often do the most basic management work well. The school itself also lacks conscious guidance and training for teaching and scientific research affairs. The consequences of this situation are mainly reflected in the following aspects: first, managers lack understanding of professional scientific research knowledge, so they can't sort out and update the data in the collection in time. The second is the lack of foreign language skills.[2] With the continuous improvement of China's opening-up level, the exchange in teaching and scientific research has become more and more frequent, mainly in the collation of foreign related literature, but the lack of foreign language skills of managers leads to the ineffective use of this part of foreign language materials, which naturally affects the study and exchange of foreign countries in this regard. Finally, there is the lack of sufficient information technology ability. Today's world is an information-based world. All knowledge is being disseminated and optimized in the wave of informatization. At the same time, information technology also makes the dissemination and collation of materials more efficient, but the lack of this part of the ability of library managers directly affects the informatization level of libraries. Teachers and students in vocational colleges cannot enjoy the convenience brought by informatization. Compared with other vocational colleges, it will greatly affect the quality and efficiency of teaching and scientific research.

## **3. Effective strategies for libraries to serve teaching and scientific research in higher vocational colleges**

As a basic unit that provides effective guarantee for teaching and scientific research, libraries need to make targeted innovation and improvement on their own management strategies on the basis of fully understanding the needs of higher vocational colleges, so as to better serve them. From the perspective of the current basic needs of higher vocational colleges, this paper will discuss the service strategy of the library from three aspects: collection management, management personnel training and the application of information technology.

### ***3.1. The collection structure is reasonable and meets the needs of the school***

The literature in the library is the basis of teaching and scientific research in the school, and also the premise of the survival of the library, on this basis, according to the actual needs of the school, optimizing the collection structure in the library has become the prerequisite for the library management to do a good job of book service in higher vocational colleges. However, the more books in the library, the better, but to make each part of the literature meet the actual professional needs of higher vocational colleges. On the basis of comprehensively grasping the professional development trend of higher vocational colleges, the books in the library should be optimized.

Optimizing the collection structure according to professional needs. In the management of book categories within the library, its content should focus on the main teaching and scientific research work of the school, so as to provide assistance for the professional development of the school, and there should not be too many book contents outside the major, so that the book collection content cannot match the professional needs of the school, but will have a negative effect. This requires librarians to go deep into all departments of the school, conduct systematic research on the teaching and professional needs of the school, and collect professional books in this regard according to this research content, especially in some aspects related to the professional weaknesses of the school, which need to be supplemented. For some marginal books, only a small amount of collection can be carried out.

### ***3.2. The collection structure is reasonable and meets the needs of the school***

In the collection of professional books, we should not only take into account the quantity, but also consider the coherence of the professional knowledge system of books, so as to better serve the teaching and scientific research work. We should not only systematically collect books and documents that reflect

the continuous development history and current situation trend of subject knowledge, but also collect continuous publications of key disciplines. We can conduct a questionnaire survey on each major, collect the professional books that these majors need, and help them build a complete knowledge system.

### ***3.3. Improving the quality of management personnel and improving service quality***

A qualified Librarian in the new era should not be just a simple librarian, but a builder closely linked to the professional construction of the school, who can provide his own strength for the high-quality development of the school. This puts forward higher requirements for the training of library managers. They should not only have good political and ideological quality, but also have a systematic understanding of the professional system architecture of the university itself, which can be able to timely supplement and optimize the content of books in the usual library management work according to the professional needs of the university, closely following the latest scientific research achievements of the major, and these documents can be collected and sorted into the library collection in time. In addition, librarians should also have the ability of continuous learning, instead of thinking that they don't need to learn after occupying this position, but should timely understand and learn relevant knowledge under the guidance of the university's big development strategy. Only in this way can they really be closely linked with the University and provide their own strength for the development of teaching and scientific research of the University.[3]

### ***3.4. Combining information technology to optimize library management***

Nowadays, it is an information age, any major is carrying out the infiltration and reform of information, and the library management of higher vocational colleges is no exception. In order to better serve teaching and scientific research, we should give full play to the dominant position of information technology, digitize the books in the library, and facilitate the application of teachers and students. In order to achieve this, we should start with the following aspects: first, we should systematically classify the library resources on the digital platform, especially some key first-line subject materials. We can connect this retrieval system with the network platform in the school, so that teachers and students can search the content they need through their own mobile phones, and directly find it in the library. It greatly improves the efficiency of students and teachers in finding books. Secondly, it is necessary to establish a perfect professional retrieval platform in the school, and provide front-line information about the professional construction of the school, such as foreign research results and relevant teaching resources, to every student and teacher in the form of network, so that they can receive the first-line research results of their major in time and keep up with the pace of the development of the times.

### ***3.5. Provides a "one-stop" information service***

In order to better serve the scientific research work of higher vocational colleges and the actual needs of readers, higher vocational colleges librarians should uphold the concept of "people-oriented", and take the real needs of readers as the center for the relevant library management services, simply put, it is a "one-stop" information service. The so-called "one-stop" information service, refers to the reader can through the very convenient operation, can realize to oneself need literature retrieval, browsing, access, storage, reading and copying work, greatly improve the acquisition efficiency of scientific research information, need not spend a lot of time on searching books and literature, only need to put forward targeted needs to the librarian, you can get the "one-stop" information service. And want to achieve this goal, higher vocational college librarians need a systematic management innovation, from hardware equipment to management to "people-oriented", cannot let management regulations above the needs of readers, but to flexible management system to serve for the campus researchers, maximum meet the needs of its scientific research. In the hardware equipment, the key nodes mentioned in the previous points should be integrated to process the book resources in the library with information, so as to facilitate better book information service. In addition to what is more important is in the library management strategy and management personal consciousness, library management strategy and management consciousness to further implement the "people-oriented" service concept, to make the library from library managers into scientific research information provider, to deeply realize that the most important role is for readers and vocational colleges research service, rather than how many books and literature, to change the traditional single service mode, but with a more affinity and personalized service to face the general researchers in higher vocational colleges.

### **3.6. Provides services for key readers**

Scientific research work in higher vocational colleges are largely influenced by a part of the leading knowledge level of teachers or students, this part of the reader demand for books and literature is often more complex than most readers, on the difficulty and the immediacy of the literature will be higher, their reading demand in many times often is to the scientific research of the development direction of higher vocational colleges as a whole. Based on this reality, the librarians of higher vocational colleges should combine some of the "key readers" according to the scientific research needs of the schools, and carry out targeted scientific research data services. In the procurement of scientific research literature of the librarian, we can first solicit the opinions of these readers, and we can even organize some researchers to come to the librarian to guide the procurement of books and literature, so as to better meet their scientific research needs. In the processing and arrangement of literature, can also be specially processed according to the needs of these readers to make it more in line with the reading and use habits of these readers, so as to improve its scientific research efficiency. Finally, it is in the borrowing time and the amount of books, to give some special preferential policies to these readers, such as increasing the borrowing time or the amount of borrowing books. These preferential policies seem to be for this part of the readers have a strong tendency, is actually a combination of campus research, librarians in this part has a higher knowledge level of researchers as the medium, can be very timely grasp of real time, thus rapid books literature supplement and improvement, which for other campus researchers, is undoubtedly a very effective means to guide, can significantly promote the improvement of teaching and research quality in higher vocational colleges.

### **4. Conclusion**

In a word, the current era is an era of rapid development. All sectors of society are undergoing drastic changes and innovations, and the development of higher vocational colleges has also been affected by this aspect. As an important guarantee for the development of higher vocational colleges, library units, according to the needs of the development of the times, should constantly improve their own service methods, optimize book management, closely contact the professional development of the university, and carry out efficient management innovation.

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