Practical Path of Improving Subject Service of University Library under the Background of Double First-class Construction

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Abstract: *The promotion of subject service in university library is not only of great significance to the overall strength and competitiveness of universities, but also has a far-reaching impact on cultivating outstanding talents, promoting the transformation of scientific research achievements and promoting discipline exchanges and cooperation. Based on this, this paper explores the practical path of improving the subject service of university library under the background of double first-class construction, analyzes the significance of improving the subject service of university library under the background of double first-class construction, expounds the problems existing in the subject service of university library under the background of double first-class construction, and gives the practical path of improving the subject service of university library under the background of double first-class construction, with a view to contributing to the outstanding development of universities through this research.*

Keywords: *double first-class; University Library; Subject service*

1. Introduction

In China's higher education system, the construction of double first-class has become an important strategic direction to lead the development of colleges and universities, aiming at enhancing the reputation and influence of colleges and universities at home and abroad, so as to promote the overall promotion of China's higher education. Under the background of this national strategy, university library, as the treasure house of knowledge resources and the center of academic support, plays a vital role. Library not only carries the accumulation and inheritance of academic information, but also is the solid backing of teaching, research and innovation in colleges and universities. In the construction of double first-class, how to further improve the subject service level of university libraries has become a concerned issue.

2. The significance of improving the subject service of university library under the background of double first-class construction

It is of great significance to improve the subject service of university library under the background of double first-class construction, which is reflected in the following aspects: First, improving the subject service of university library is helpful to improve the academic reputation and international influence of universities. Under the background of globalization, the academic reputation of colleges and universities plays a vital role in attracting international outstanding scholars and students and promoting international cooperation and exchanges. High-level subject service can provide more academic resources for schools, support high-level research and teaching activities, and help improve academic reputation and international influence. Second, high-quality subject service is helpful to improve the research and teaching level of colleges and universities. High-level subject services include not only rich library collections, but also various forms of academic support such as digital resources, academic databases and scientific research tools. These resources and services can help teachers and students to obtain and utilize academic information more conveniently, improve teaching quality and promote the output of scientific research results. At the same time, discipline service can also provide a platform for research teams to collaborate and communicate, and promote academic innovation. Thirdly, improving the subject service of university library is helpful to meet the needs of different subject fields. In the construction of double first-class, colleges and universities should make outstanding achievements in many disciplines, and the needs of each discipline are different. High-quality discipline service needs to provide personalized support according to the characteristics and needs of different disciplines. For example, in the field of

science and engineering, it is necessary to provide abundant experimental data and scientific and technological literature resources; In the field of humanities and social sciences, it is necessary to provide multilingual literature and cultural materials. Therefore, improving discipline service can better meet the needs of different disciplines and support the development of multiple disciplines. Fourthly, as the center of knowledge management, university library can play a greater role. In the construction of double first-class, knowledge management and innovation ability are very important to the development of colleges and universities. As the center of knowledge storage and dissemination, libraries can actively participate in knowledge management by means of digital collection, knowledge map construction and scientific research data management, and provide intellectual support for the innovation and development of colleges and universities.[1]

3. The problems existing in the subject service of university libraries under the background of double first-class construction

3.1 Improper resource management

Under the background of "double first-class" construction, there is a problem of improper resource management in library subject service of university library, one of which is the distribution and utilization of collection resources. First, improper resource management leads to uneven distribution of collection resources. There are too many books and periodicals in some disciplines, while others are relatively scarce. This uneven distribution restricts the development and research of some disciplines, which makes it difficult for teachers and students to obtain relevant literature. Second, improper resource management also brings problems in information acquisition. Library subscription and document delivery services can not effectively meet the needs of teachers and students, resulting in long waiting time and difficulties in obtaining resources. This affects the normal development of teaching and research, and limits the subject service quality of university libraries. Thirdly, improper resource management also has a negative impact on the development and maintenance of digital resources. Due to the lack of systematic digital collection planning, some precious documents and materials can not be fully digitalized, which limits the availability and accessibility of digital resources.

3.2 Mistakes in material procurement

Under the background of double first-class construction, the subject service of university library is faced with serious material procurement errors, which significantly hinders the quality and efficiency of subject service. First of all, the mistakes in material procurement are mainly manifested in the insensitivity to the needs of disciplines. When purchasing books, periodicals and databases, university libraries fail to fully understand the research hotspots and development trends in various disciplines, which leads to some important academic resources not being included in the collection in time, while some outdated or irrelevant resources are over-purchased, wasting precious procurement budget. Secondly, the failure of material procurement also leads to the information gap of subject service. Due to the failure to accurately grasp the needs of teaching and research, the library collections can not meet the urgent needs of teachers and students for the latest knowledge, especially in the emerging disciplines. The information gap of subject service not only restricts the depth of research, but also affects the quality of teaching and the academic growth of students. Finally, material procurement errors also bring waste of budget. Unreasonable purchasing decision leads to the waste of resources, and university libraries fail to get the maximum benefits within the limited budget, which affects the sustainability and economy of subject services.

3.3 The operation of the organization lags behind

The lag of organization operation is reflected in the following aspects: First, the lag of organization operation is mainly reflected in the rigidity of decision-making mechanism. The management mechanism of university library is bureaucratic, and the decision-making process is complex, which makes it difficult to flexibly respond to the new needs and changes of subject services, resulting in low decision-making efficiency, unreasonable resource allocation and difficulty in meeting the needs of teachers and students in time. Secondly, the lag of institutional operation is also manifested in institutional culture and service concept. Some university libraries still use the traditional inter-library cooperation mode, which lacks openness and synergy, resulting in the limitations of subject service. In addition, some libraries still attach importance to traditional literature resources, fail to fully develop

digital and open access resources, and fail to meet the diverse needs of subject services, especially in interdisciplinary research and innovation. Third, the lagging operation of institutions also brings problems in the construction of talent team. The talent team structure of university library is relatively simple, and there is a lack of interdisciplinary and interdisciplinary talents, which limits the breadth and depth of subject service. At the same time, the talent training and incentive mechanism of some libraries is not flexible enough to attract and retain high-level subject service talents, which restricts the innovation and promotion of subject service.

3.4 Lack of technological innovation

The lack of technological innovation is manifested in the following aspects: First, the lack of technological innovation leads to the low efficiency of information retrieval and resource utilization in libraries. Modern subject research is increasingly dependent on the acquisition and analysis of information and data. However, university libraries fail to make full use of advanced information technology and data analysis tools, and fail to provide more intelligent retrieval and resource recommendation services, which leads to users spending more time and energy to find and utilize relevant academic resources. Second, the lack of technological innovation also hinders the construction of digital collections in libraries. In the digital age, university libraries should actively promote the digitization of literature and special collection resources in order to provide more extensive subject services. However, due to the lack of technological innovation, the digital collections of many libraries still stay on the traditional digital books and periodicals, failing to cover multimedia, data and open access resources, which limits the diversity and depth of subject services. Third, the lack of technological innovation restricts the data management and knowledge service of libraries. With the continuous increase of scientific research data, university libraries should play a more active role in providing data management and scientific research support services. However, the lack of technological innovation makes the library unable to effectively manage and share scientific research data, and fails to provide teachers and students with retrieval and analysis tools for relevant data, which limits the comprehensiveness and innovation of subject services [2].

4. The practical path of improving the subject service of university library under the background of double first-class construction

4.1 To strengthen the classification of collection resources

Strengthening the classification of collection resources is a key practical path. The implementation methods of this measure include: (1) establishing a multi-level classification system. University libraries can construct multi-level collection resources classification system according to the needs of different disciplines. This can include topic classification, professional classification, subdivision field classification and other levels to ensure accurate classification of resources. For example, under the subject classification, different classifications can be set up according to the characteristics of disciplines, such as natural sciences, social sciences, humanities and so on; At the level of professional classification, different disciplines can be further divided, such as physics, chemical engineering, history and so on. Such a classification system is helpful for users to find the required academic resources more quickly and accurately. (2) Introducing knowledge map and natural language processing technology. By using knowledge map technology, university libraries can establish the relationship between resources and realize more intelligent resource classification and retrieval. Through natural language processing technology, colleges and universities can analyze the content of literature and associate it with specific subject keywords and topics, thus improving the classification accuracy. The application of these advanced technologies can make the classification of library resources more intelligent and refined. (3) Carry out user demand research. University libraries should actively understand the needs of users, and collect users' suggestions and opinions on the classification of collection resources through user investigation and feedback mechanism. This is helpful to better meet the actual needs of users and ensure the rationality and user-friendliness of the classification system. For example, through user feedback, we can find hot spots and trends in some disciplines, and then adjust the classification system to ensure timely classification and recommendation of resources. (4) Establish classification maintenance mechanism. In order to maintain the accuracy and timeliness of the classification system, university libraries need to establish a maintenance mechanism for classified resources. This includes regular classification reviews and updates, and timely revision of classification rules and terminology to adapt to the continuous changes and developments in subject areas [3].

4.2 Establish a procurement evaluation team

To establish a purchasing evaluation team, we can start with the following strategies:

1) Clarify the roles and responsibilities of team members. When establishing the purchasing evaluation team, colleges and universities need to clarify the roles and responsibilities of each member to ensure the efficient coordination of team work. Team members can include librarians, procurement experts, subject service administrators, and representatives of teachers in related disciplines. Procurement experts can be responsible for market research and supplier evaluation, discipline service administrators can provide discipline needs and feedback, and teacher representatives can represent the interests of academic users. Clear responsibilities help the team to work more pertinently in the procurement evaluation process.

2) Establish procurement evaluation process and standards. The team needs to work together to develop the procurement evaluation process and standards to ensure the fairness, transparency and rationality of procurement. The process can include demand research, supplier screening, quotation comparison, contract negotiation and other links, and the standards can include procurement budget, product quality, service support and other indicators. Establishing clear processes and standards in colleges and universities helps the evaluation team to work according to rules in the procurement process and reduce the interference of subjective factors.

3) Establish supplier database and evaluation tools. The evaluation team can establish a supplier database, record and manage potential supplier information, including product, price, service and other data. At the same time, colleges and universities can develop evaluation tools for evaluating and ranking suppliers. Evaluation tools can be customized according to different procurement projects, including qualitative and quantitative indicators, which can be used to objectively evaluate the comprehensive strength and cost performance of suppliers.

4) Regular training and communication. In order to improve the professional level and teamwork ability of purchasing evaluation team, colleges and universities can organize regular training and experience exchange activities. Training can include procurement regulations, market research, negotiation skills, etc., in order to enhance the professional quality of team members. Experience exchange can encourage team members to share successful procurement cases and lessons, so as to continuously improve procurement evaluation methods and strategies.

4.3 Reconstructing the operational process of the organization

In order to reconstruct the operation process of institutions, universities should first establish strategic-oriented operation process. University libraries need to formulate clear strategic objectives and plans, and clarify the development direction and key areas of subject services. On this basis, re-examine and optimize the operational process of the organization to ensure that every operation is consistent with the strategic objectives. For example, if the strategic goal of the library is to support interdisciplinary research, the operational process should help promote resource sharing and cooperation among different disciplinary areas. Secondly, colleges and universities should strengthen information sharing and cooperation. Libraries should promote information sharing and cooperation in order to improve the efficiency and effectiveness of subject services. This could include the establishment of an internal information-sharing platform that enables better collaboration and sharing of resources and knowledge between different departments. At the same time, we should establish cooperative relations with other university libraries to jointly carry out resource procurement and digital collection construction, so as to improve the richness and diversity of resources. Thirdly, colleges and universities should establish an agile decision-making mechanism. University libraries should establish flexible decision-making mechanism to respond to the new demands and changes of subject services more quickly. This could include streamlining decision-making processes, strengthening communication and consultation mechanisms and ensuring that decisions are made and implemented in a more timely manner. Agile decision-making mechanism helps libraries to better adapt to the ever-changing academic environment and user needs. Finally, colleges and universities should carry out continuous evaluation and improvement. After the establishment of the organization operation process in colleges and universities, the library should regularly evaluate and improve it to ensure the effectiveness and adaptability of the process. This can include regular performance evaluation, user satisfaction survey, process efficiency analysis and so on. Through continuous evaluation and improvement, the library can keep the agility and adaptability of the organization's operation process, and continuously improve the quality and efficiency of subject services. Reconstructing the operation process of institutions is one of the practical ways to improve the subject service level of university libraries. By establishing strategic-oriented process, strengthening information sharing and cooperation, establishing agile decision-making mechanism and continuous evaluation and improvement, the library can better adapt to the needs and challenges of

subject service, improve the quality and effect of service, and better support the goal of double first-class construction. This path not only contributes to the promotion of subject service, but also contributes to the further consolidation of the strategic position of libraries in colleges and universities.

4.4 Establishing a technical innovation team

To set up a technical innovation team, we can start with the following steps: (1) Clarify the mission and vision of the team. Before setting up a technical innovation team, the library should make clear the mission and vision of the team, and make clear the orientation and development direction of the team. The mission of the team can be to support the technological innovation and digital transformation of discipline services and improve the quality and efficiency of discipline services. The vision can be to become the leader of technological innovation in university libraries and provide innovative solutions and tools for subject services. (2) Recruiting and training technical talents. Technical innovation teams need to have technical expertise in many fields, including information technology, data science, artificial intelligence and so on. Libraries can actively recruit talents with relevant professional backgrounds and skills, or carry out internal training to improve the technical level of existing team members. In addition, team members should have a sense of teamwork and innovation, and be able to cooperate across disciplines to solve technical problems in discipline services. (3) Establish innovative culture and atmosphere. Libraries should advocate innovative culture and encourage team members to put forward new ideas and innovative suggestions. A culture of innovation should include open communication and collaboration mechanisms that encourage members to share ideas and experiences. In addition, libraries can set up incentive mechanisms to encourage technological innovation and transformation of achievements. The establishment of innovative culture is helpful to stimulate the creativity and enthusiasm of team members and promote the development of technological innovation. (4) Set up research and development projects and laboratories. Technological innovation teams can promote the practice of technological innovation by setting up R&D projects and laboratories. Projects can address specific problems and challenges in discipline services, and team members can cooperate to carry out research and development work and explore new technical solutions. Laboratories can provide experimental environment and resources for testing and verifying innovative technologies. Through R&D projects and laboratories, technological innovation teams can accumulate experience and promote the application and popularization of technological innovation. Establishing technical innovation team is one of the practical ways to improve the subject service level of university library. By defining the mission and vision, recruiting and training technical talents, establishing innovative culture and atmosphere, and setting up R&D projects and laboratories, the library can build a team with innovative ability and practical motivation, promote the technological innovation and digital transformation of subject services, improve the quality and efficiency of services, and better support the goal of double first-class construction. This path not only contributes to the promotion of subject service, but also contributes to the further consolidation of the strategic position of libraries in colleges and universities.

5. Conclusion

The promotion of subject service in university library is an indispensable link in the construction of "double first-class", which is not only related to the reputation and international competitiveness of universities, but also directly affects the quality of education, scientific research achievements and social influence. By establishing purchasing evaluation team, reconstructing organization operation process, setting up technical innovation team and strengthening collection resource classification, university library can better meet the needs of different disciplines, support diversified teaching and research activities, and promote knowledge inheritance and innovation. This promotion will not only help colleges and universities achieve greater success in the construction of double first-class, but also provide solid support for the overall promotion of higher education in China.

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