Precision of the construction of the power of the digital libraries service subject research

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Abstract: Based on the internal demand of building double first-class disciplines and universities, how to give full play to the service function of digital library, build digital discipline resource service module, introduce precise service tools and service modes, and support users to quickly obtain discipline literature information and discipline tools have become an important issue for universities to improve discipline construction. This paper takes discipline construction and precise discipline service as the main object of research, expounds the digital library's promoting role in discipline construction and service, analyzes the preconditions from the perspective of concept, technology and service, and focuses on the four aspects of building discipline service platform, constructing key discipline resources, reasonably classifying discipline resources and carrying out guiding lectures on selected journals. This paper discusses the precise service strategy of digital library to help discipline construction, so as to use digital resources to promote discipline construction and development, and form the precise service mode of serving key disciplines and first-class disciplines.

Key words: digital library; Subject construction; Precise discipline service

Introduction

With the acceleration of the double first-class construction process, the upgrading of library discipline services has become an important aspect of the construction of superior disciplines and first-class disciplines in universities. The duty of librarians is to manage and classify literature resources and provide satisfactory service for the vast number of books. In the digital age, colleges and universities have made great efforts to build digital libraries to provide an intelligent platform for librarians to deal with literature resources. The collection, mining, sorting and classification of literature resources have reached a new height. Whether it is literature data classification or literature data catalog presentation, librarians can use the visual way of presentation, to provide diversified service support for the discipline construction of colleges and universities. At present, the disciplinary service forms of some university digital libraries lack diversity, which can only meet the literature needs of teachers and students from a macro level. However, for the personalized information needs, such as the use of disciplinary analysis tools, subject journal selection, subject literature resources construction, digital libraries have not yet formed the corresponding service mode. In this regard, digital libraries in colleges and universities should adhere to the service-oriented discipline construction, combine the demands of discipline construction and scientific research of teachers and students, build precise discipline service mode, and further upgrade the discipline service of digital libraries.

First, the promoting role of digital library to discipline construction and service

(I) Promoting the connotative development of discipline construction

In the construction of libraries, colleges and universities usually carry out disciplinary services around a wide range of disciplines. The scope, form and content of disciplinary services lack of personalized characteristics, which makes it difficult to meet the needs of teachers and students in using personalized resources. Based on the personalized subject service needs of all teachers and students, colleges and universities can reasonably increase the subject service content and expand the service scope by playing the role of digital library, integrate discipline management, scientific research, teaching and practice into the service link, promote the subject construction towards the conformal direction, improve the discipline construction intensity and service level. At the same time, based on the subject service platform of digital library, colleges and universities can understand the subject needs of teachers and students sustainably, and enrich the development goals of the subject construction.

(2) Improve the precision of discipline construction services

The emergence of digital library makes the service methods of university libraries more diversified. Librarians can convert the collection resources into digital resources and share them on the website of digital library, so that all teachers and students can enjoy convenient use conditions of resources. At the same time, digital library impinges on librarians' traditional subject service concept. By using various functions of digital library, managers can obtain user search and literature usage data, reasonably classify disciplines, and push disciplinary service information and resources according to the needs of teachers and students of different disciplines. This can not only give play to the service advantages of digital library, but also meet the needs of different teachers and students for scientific research and learning. Improve the precision of digital library construction and service for teachers and students.

(3) To provide interactive discipline teaching and research atmosphere

Based on the continuous construction and development needs of colleges and universities, the digital library aims at the needs and experiences of users and provides multi-feature, multi-form and multi-channel disciplinary services. In particular, with the support of big data and cloud computing technology, digital libraries can continuously improve the level of information integration, provide a digital platform more suitable for the construction and development of disciplines, support teachers and teachers online interaction and

communication, provide a good interactive atmosphere for interdisciplinary communication of school teachers, and expand the service channels for teachers' discipline teaching and research.

Second, the digital library provides the important premise of subject resource construction and service

(I) Establish embedded discipline service concept

Embedded discipline service requires librarians to adhere to the principle of centering on user needs, break through the restrictions of fixed time and space, develop targeted service methods of information resources, and integrate discipline services into users' scientific research, teaching and learning activities, so as to build an information resource operation mechanism based on user needs. The idea is the decisive factor of the action, librarians should establish the embedded discipline service concept, the discipline literature resource management, the discipline service analysis tool, the team periodical selection service, the online consultation and management should be unified, to build a complete function of the discipline service platform. Firstly, the digital library should combine the team scientific research service and personal literature service, provide teaching and scientific research service by using the discipline service platform, embed the discipline construction and teaching process into the service platform, and accurately provide the users with academic literature resources. Secondly, based on the discipline service platform, the management personnel should actively build a technical exchange platform for the scientific research personnel, accumulate the internal achievements into the discipline literature service resources, and constantly increase the internal academic resources.

(2) Strengthen the mining and analysis of subject data resources

Under the support of digital library, managers should make full use of cloud computing technology and big data technology, increase the mining of subject literature resources, analyze and introduce resources that serve subject construction. At the same time, the construction of discipline evaluation tools, university libraries can reasonably plan resources, introduce discipline construction and analysis tools, to provide support for the analysis and prediction of potential disciplines and dominant disciplines, so as to improve the professional and forward-looking discipline construction.

(3) Vigorously promote discipline research results

The digital library should fully promote the academic research achievements of the university and give play to the reference and application value of these achievements. In the course of discipline construction, colleges and universities may use digital service platforms to preserve, manage and verify discipline research materials, improve the standardization and standard of management of discipline research results, and adopt cloud storage mode to keep discipline research results. Secondly, by using digital library platform, campus network and wechat public account, colleges and universities can strengthen the publicity of discipline research results, attract related personnel to use the result resources, and improve the utilization value of discipline research results.

Third, digital library to help the construction of the discipline of precise discipline service strategy

(I) Build a discipline service platform to meet personalized service needs

In the link of discipline construction and service, university libraries should build a digital discipline service platform, invite teachers and students of various disciplines and majors to join the platform, participate in teaching, teaching and research communication, promote interdisciplinary integration, lay a foundation for discipline construction and innovative development, and improve the service level of digital libraries. First of all, digital discipline service module should be established. In order to meet the personalized service needs of teachers and students, the university library should specially build the subject service module during the construction of the library, to support the students and researchers of various professional disciplines to search the book resources and literature information, reduce the time spent on the query, mobilize their enthusiasm to use the digital library to look up resources, and improve the utilization rate of digital resources. Secondly, colleges and universities should rely on the subject service platform to enhance the stickiness between administrators, subject resources and users, strengthen the connection between administrators and users, and improve the personalized level of subject services. Specifically speaking, university libraries should attach importance to academic exchange, build personalized consultation system by introducing digital communication software, clarify the subject service direction for different users, and meet the individual service needs of subject construction, subject exchange and subject innovation.

(2) Grasp the teaching and research status of disciplines, and build key discipline resources

First of all, in-depth research on the teaching and research status of disciplines. When carrying out discipline services, university libraries should make use of the Internet and big data technology to smooth the communication channel with teachers and students, grasp the teaching and research context of each discipline by understanding the scientific research status and teaching situation of different colleges and majors, formulate targeted discipline service plans, quickly provide effective information resources to teachers and students, and achieve the goal of serving discipline construction. Secondly, strengthen the construction of literature resources in key disciplines. University libraries should tilt the funds towards the construction of first-class disciplines, collect literature resources and information needed for the construction of first-class disciplines with the help of digital technology, and provide accurate and scientific literature support for the construction of disciplines. In the construction of discipline resources, university libraries should adhere to the concept of subject-oriented + professionalization, focus on the construction of "first-class" disciplines, combine the university's financial situation, the number of teachers and students, and accurately introduce the database with high utilization rate and strong academic. In the case of limited funds, university

libraries should, on the basis of meeting the basic needs of subject resources, clarify the priority level of subject resource construction, and invest the limited digital resource procurement funds into the construction of key disciplines and first-class subject resources. In the construction process, for the dominant disciplines and key disciplines, the management personnel should do a good job of tracking, evaluating and monitoring, analyze whether the database resources fit the needs of discipline construction and whether the resource structure is reasonable, and select periodical resources with high impact factors through regular selection, so as to provide high-quality service conditions for key disciplines.

In addition, the precision of resource construction of key disciplines should be improved. University libraries should adhere to the principle of serving discipline construction, strengthen the contact with each department, build a community of collection resources construction based on discipline construction, adopt the working mode of "invite in collection resources construction, promote resource utilization services", and radiate the construction of digital literature resources to each department and specialty. In the construction of inviting in collection resources, university libraries should combine the construction of first-class disciplines, adopt the form of user interview, invite researchers and teachers to build collection resources, and build a sharing mechanism based on campus characteristic network resources. In the launch of resource utilization services, university libraries should analyze the professional construction needs of secondary colleges, jointly build college digital library, and through the reader service group, wechat, Weibo, campus network, timely understand the needs of users, supplement the literature resources of key professional disciplines.

(3) Make reasonable classification of subject resources and refine subject navigation services

First of all, facing the literature resources of emerging disciplines and traditional disciplines, in order to improve the accuracy of discipline services, colleges and universities should not only pay attention to the mining, development and construction of discipline resources, but also reasonably classify the subject resources of digital libraries according to the subject categories, enhance the scientific classification of subject information resources, and avoid wasting a lot of time in resource inquiry. Secondly, colleges and universities should combine the classification of subject resources, learn from mature subject database navigation service system, establish a subject navigation system with friendly interface, scientific classification and clear subject, and improve the visualization level of subject construction resources. Management personnel can start from the division of discipline categories, according to the direction of key disciplines and first-class disciplines, divide the first and second level disciplines, set the second level disciplines under the first level disciplines, highlight the categories of minor disciplines, help users quickly lock the database corresponding to disciplines, save the time of searching and consulting. In addition, the navigation service of disciplines should be refined. For the classification of subject teachers, the digital library should establish a long-term cooperative relationship with teachers, keep abreast of the latest subject research direction, timely expand the literature resources of the corresponding subject, support the use of the latest literature to carry out subject research, and improve the overall teaching, research and construction level of the subject; For the classification of scientific research management, digital library should locate the information needs of school administrators and scientific researchers, push literature information in the direction of management, help management and scientific researchers to improve their professional management level, and provide management discipline services. For the classification of graduate students, the digital library should aim at the graduate students and doctoral students, in-depth analysis of the subject literature and information needs of the two, carry out cooperative subject services, stimulate the subject innovation and scientific research innovation power, and provide a new direction for the development of the subject. Finally, the level of subject navigation service should be improved. University libraries should combine the needs and objectives of first-class discipline construction, clarify the key points of discipline service, adopt hierarchical and phased approach to promote discipline navigation service, and adjust the service plan and process according to the specific practice. In the specific service links, librarians should adhere to the concept of hierarchical and personalized service, according to the needs of users, divide the content levels of subject teaching and research and subject service, and through the use of digital library and collection resources, build a service model combining online and offline, improve the response level of subject service, and achieve classified and precise service.

(4) Carry out guiding lectures on selected journals to improve the ability of precise service

First of all, university libraries should make full use of digital technology to carry out "online + offline" guidance and lectures for journal submission and selection, so that subject teachers and researchers can flexibly participate in online guidance or offline lectures according to the schedule, and enhance the precision of subject services. Secondly, university libraries should make comprehensive use of core evaluation tools and relevant periodical databases to push periodical catalogs related to the university's dominant disciplines to all teachers and students, and provide references to the contributions of teachers and students with different needs by organizing contribution guidance lectures, so as to help the researchers to contribute efficiently and with high quality, improve the utilization rate and influence of their manuscripts. In addition, university libraries should encourage managers to participate in teaching, research and teaching, deeply understand the research status of the subject, and according to the changes of the latest subject information needs, adjust the digital library literature resources, better upgrade the digital library services, which can not only enhance the discipline service consciousness of the managers, but also ensure that the discipline services match the discipline construction needs. In the specific work, librarians should combine the first-class discipline construction plan of each college and department, go deep into colleges and majors, dynamically collect user behavior data, track the change trajectory of their needs, build portrait database for the whole department and multiple majors, deeply analyze user needs, more accurately control the subject service target, so as to obtain the latest subject service demand. On this basis, librarians can establish a close relationship with teaching and research staff and teachers, further communicate around the progress of resource development, subject evaluation tools, subject service plan and other work, and grasp the latest progress of subject construction and

teaching and research by participating in the academic teaching and research meetings, reading festivals, symposiums and other activities, so as to provide discipline services more quickly.

Four, concluding remarks

To sum up, giving full play to the functions of digital library and constructing the precise subject service mode based on subject construction are related to the construction of various subjects and the development of digital library. Therefore, library managers in colleges and universities should correctly understand the multiple service functions of digital libraries, establish the embedded service concept, dig the subject data resources, and vigorously promote the subject research results in the university. In the specific discipline service link, we should improve the discipline service level of digital library by building the discipline service platform, grasping the teaching and research status of the discipline, reasonably classifying the discipline resources, carrying out the guiding lectures of selected journals and other ways, constantly expanding the information of key disciplines and first-class discipline literature resources, and creating a good atmosphere of discipline construction, teaching and research and discipline innovation. Provide sufficient discipline evaluation tools to discipline teachers, researchers and students in the whole school, constantly enhance the core competitiveness of the discipline, and achieve accurate service goals.

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