Research on the innovation of the educational function of Intelligent library under the background of digital education

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Abstract: With the deepening of education reform, the construction of university libraries should be further optimized. Teachers should actively introduce new library construction, library education model, and new library management ideas, so as to lay a solid foundation for the innovation and optimization of the educational functions of smart libraries. Under the background of digital education, the educational function of smart library in colleges and universities should be continuously optimized, which is also an important path to promote the more comprehensive development of students. In view of this, this paper will analyze the innovation of smart library's educational functions under the background of digital education, and put forward some strategies for your reference only.

Key words: Digital education; Intelligent library; Educational function; Innovation

I. Overview of the educational functions of libraries

The positioning function of university libraries in university education is their role and important responsibility in educational activities, mainly to help students and teachers participate in knowledge learning and exploration more comprehensively and deeply, which has a high educational status, which is difficult to compare with other departments of the school. University libraries should give full play to their unique advantages, constantly strengthen their educational functions in daily management and service practice, and strive for excellence as far as possible. Compared with the traditional classroom teaching in colleges and universities, the educational functions undertaken by the library are more diverse and rich in connotation. To be specific, the educational function of library focuses on the students, that is, the core group of college students. In the construction of education mode, it not only covers systematic and standardized teaching activities such as setting up information retrieval courses, but also pays attention to skillfully integrating educational elements into daily library management and service, so as to realize the subtle and all-round penetration of education.

University library, with its unique and diversified nature, is neither a simple teaching or academic research place, nor a pure administrative or transactional service institution. It is neither a library in the traditional sense, which focuses on the quantity of books, nor a cultural library, which aims at the popularization of culture. It shoulders the important responsibility of providing solid support for teaching and scientific research. As a comprehensive platform of both academic and service, it occupies an irreplaceable and important position in the higher education system.

II. The embodiment of library's educational function

1. The embodiment of basic elements

There are various types and forms of literature materials in university libraries, which mainly include digital resources and paper resources. Meanwhile, readers, library staff and library books are also the three cornerstones for the performance of library educational functions. Library documents and information can be divided into miniature, audio-visual, electronic, printing, machine reading, etc. These resources are also the foundation of library existence, but also the core tools of library education work.Books, as the ladder to promote the progress of human civilization, were born with the original intention of promoting the exchange of ideas and the transmission of information, so as to strengthen the breadth and depth of human memory, which itself contains profound educational value.

In the educational ecology of library, readers are the subjects of education. By making full use of the unique educational platform of library, they can learn the blessings of knowledge. The library staff plays an important role as the bridge between the collection resources and the readers, and they are the key link to realize the educational function of the library. For readers, library staff are not only service providers, but also educators. They take academic labor service as the medium to build a solid bridge between readers and knowledge, and ensure the effective dialogue and profound communication between people and books can be realized.

2. Embodiment of quality education

Since the late 1990s, the concept of quality education has gradually appeared in the research of higher education, and many schools have begun to respond to this concept, and many schools have gradually created an environment to carry out cultural quality education for college students. The university library plays a very important role in this process. With the development of The Times, the demand of the society for talents has changed to some extent, and the educational concept of the school has also been updated. After entering the digital age, great changes have taken place in people's way of life and way of work, etc. When facing these changes, college students will be full of various challenges and the situation to deal with will become more complicated. In order to cope with the new environmental requirements more effectively, colleges and universities should further deepen quality education when carrying out education work. The essence of quality education is to promote the more comprehensive development of college students. In addition to paying attention to the cultivation of their knowledge and skills, it should also put forward requirements on their comprehensive quality and moral character. The function of quality-oriented education in library education is mainly embodied in many dimensions such as science and culture, innovation ability, ideology

and morality, physical and mental health, etc. It is not only to impart knowledge to college students, but also to pay more attention to students' self-development and self-ability improvement, so as to make them have stronger social adaptability. Quality education has certain characteristics of all-round development and harmonious development, which is remarkably reflected in the educational function of library.

The library itself is an important platform for the dissemination of information and culture, which gathers numerous research results and cultural works at home and abroad, and contains a huge amount of knowledge. The comprehensiveness of library knowledge is not comparable to that of a single discipline. University library itself contains a lot of professional literature resources, including books and periodicals of different disciplines, specialties and fields, which also provides a broad platform for college students to learn knowledge. College students can roam freely in the university library, and draw nourishment from different aspects, so as to improve their professional knowledge structure, cultivate their personal sentiments, and establish a more perfect moral character. It can be seen from here that university library is an important base for university students to carry out quality education, and its advantages are incomparable to any classroom teaching and extracurricular activities.

3. The second class

University library is not only an important platform to carry out education work, but also an important humanistic landscape of universities. It, laboratory teaching and classroom teaching jointly build the cornerstone of university education work. With advanced service facilities, rich literature resources and elegant learning environment, library provides students and teachers with a broad environment for knowledge exploration and creates a very strong cultural atmosphere. Therefore, it is also known as the second classroom for college students, and it is also an important way for teachers to deepen educational achievements and students to expand their own knowledge horizon. This is also an important embodiment of the library's educational function.

In the process of traditional classroom teaching in colleges and universities, the main role of teachers is usually to spread knowledge and teach skills for students, while students are mostly in a passive position of receiving knowledge, and their learning content and forms are mostly set by teachers. In contrast, library as the second classroom, its education mode and the traditional classroom teaching form is very different.In the library, college students can get rid of the shackles of traditional classroom education, and they can combine their own interests and hobbies to carry out knowledge learning and exploration, which can further improve their own knowledge system. At the same time, the way of library education is more flexible, college students can study and think independently, and they can also communicate and interact through the network, so that different students can discuss with what they have learned, which can promote the further development of college students' thinking ability and scientific research ability.

III. The innovation strategy of library education function under the background of digital education

1. Upgrading the construction of digital resources

Under the background of digital education, in order to further improve the innovation level of library education function, we should actively carry out the construction of library digital resources, which is also the basis for the subsequent launch of book education. Generally speaking, the literature resources of the library can be divided into two types: virtual resources and physical resources. Physical resources include paper documents, audio and video products, etc. Virtual resources are network information resources. Under the background of digital education, the construction of library digital resources should become an important work content, which is also the premise of the long-term development of libraries.

University library, as the academic document information center for scientific research in universities, is responsible for providing the latest information resources for teachers and researchers. Therefore, university libraries should carry out more targeted digital resources construction, including database optimization and electronic information resource procurement, according to their own development situation, mission and work objectives. By carrying out more reasonable and scientific digital resources construction and planning, library education can provide effective support for the development of university scientific research and the optimization of classroom teaching.

In addition, the library can further expand its collection resources in combination with the university's professional Settings, teaching conditions and scientific research fields, while taking into account the expansion of basic disciplines and scientific research resources, so as to ensure that the collection resources can meet the actual needs of colleges and universities in carrying out educational work and scientific research activities. On this basis, university libraries should also increase the collection of digital resources, constantly enrich the collection information, and constantly improve the quality of digital resources of libraries, so as to lay a solid foundation for improving the level of educational functions of libraries.

2. Cultivating high-level digital talents

(1) The literature information personnel expert

The embodiment of the educational function of university libraries is related to the overall quality and management efficiency of library staff. Under the background of digital education, library staff has become the core resources and important wealth of the library's educational work. Therefore, we should attach importance to the creation of a library education information personnel team, so as to lay a solid foundation for the future work. In addition to being the disseminators of knowledge, library staff should also be the builders and guardians of digital resources. They are also an important bridge connecting students with digital book resources.

With the continuous development of Internet technology, the ability of library staff should be further improved. The American academic circles believe that the future library staff should develop in the direction of consulting experts and network information experts. In the process of digital transformation of library, if there is a lack of a talented team with advanced technology, it will be difficult to help

the library get rid of the current development dilemma, and it is impossible to realize the expansion of library educational resources and technological breakthrough. Therefore, schools should attach importance to the construction of digital library staff and realize the expert development of document information personnel as much as possible.In the digital library, the staff shoulder two missions, one is to carry out digital processing of the current library document resources, and carry out in-depth research and development of library database, and constantly improve the coverage of library database. The other is to ensure the dissemination of digital information resources and provide readers with corresponding consulting services.

(2) The knowledge stock of librarians is enhanced in multiple dimensions

Under the background of digital education, the content of college knowledge has become more abundant, and the environment of libraries has become more complex. Only by ensuring that library staff have a solid theoretical foundation can they have a stronger working ability. As an important group of knowledge dissemination, library staff should change the previous education mode and guide students to carry out reflective learning in combination with digital book resources. Public knowledge is the source for knowledge librarians to broaden their horizons. As clear knowledge, it is especially important for knowledge librarians who keep up with the development of science. They keep abreast of the latest developments through cooperation and exchange; Some organizations also pay to obtain information through formal channels. Practice is the key for knowledge librarians to improve their ability. Faced with challenges, they need to solve problems and accumulate experience in practice. Pidger's theory reveals the cognitive adjustment process in practice, that is, to achieve balance through assimilation and adaptation. The discussion provides a platform for knowledge librarians to communicate. Vague or unjustified knowledge often takes a private form. University libraries encourage librarians to participate in discussions by organizing seminars to promote knowledge exchange and professional learning. In the discussions, librarians can acquire new knowledge and enrich the knowledge system.

(3) Promote the digital transformation of knowledge services

In the macro environment of digital education, in order to promote the innovation and improvement of the educational functions of smart libraries, we must spare no effort to promote the digital transformation of knowledge services, mainly from three aspects: the integration of information literacy education and artificial intelligence, the digitalization of disciplinary service model and the innovation of library information technology support.

University libraries are the main force in cultivating teachers' and students' information literacy and shoulder the mission of leading technology integration. They must be at the forefront of social development, combine artificial intelligence with information literacy education, innovate teaching models, and promote AI-based information literacy education through systematic training, experience sharing mechanism, professional counseling teams, and 24-hour consultation and question-answering services. To make every effort to improve the information technology ability of teachers and students. On the other hand, digital technology librarians and subject librarians can be embedded in the curriculum construction of college teachers, drive teachers and students to integrate into new teaching methods, actively integrate into teaching practice and research projects, and carry out intelligent and digital knowledge services. In addition, the library's technology construction and support must be placed in the same important position as the resource service, with new technologies to promote resources and services, that is, the form to drive the content, with technology to lead the direction, together to form new resource advantages and new service growth points.

Summary

To sum up, in order to further improve the innovation effect of smart library education function under the background of digital education, we can start with the analysis from the aspects of upgrading digital resource construction, cultivating high-level digital talents and promoting the digital transformation of knowledge services, so as to virtually promote the innovation of smart library education function under the background of digital education to a new height and achieve high-quality development. To help the construction of knowledge, culture and education community.

References:

[1] Zhengfei Wu. Construction of Intelligent library ecology under the concept of Artificial Intelligence [J]. Digital Communication World,2024(05):173-175.

[2] Junbin Wei. Research on Optimization of Realization Path of Ideological and Political Education Function of Smart Library -- Based on SWOT analysis [J]. Library Work and Research,2020(10):99-104.

[3] Haixia Wei, Xiaochuan Wu. Exploration on Socialized Service of University library science Popularization Base -- taking West China Normal University Library as an example [J]. Books intelligence work, 2019, 63 (18) : 7. DOI: CNKI: SUN: TSQB. 0.2019-18-010.

[4] Miaohui Pan. Survey on the practice of Chinese excellent traditional culture education in Higher vocational college library [J]. Library Forum, 2020, 40(12):8.

[5] Quan Rao, Gerald Leitner, Tan Sun,et al. The Social Role of Libraries: Improving Information Services to help poverty alleviation and Prosperity -- A discussion on poverty alleviation and libraries as experts [J]. Library journal, 2020, 39 (4) : 17. DOI: CNKI: SUN: TNGZ. 0.2020-04-002.