

Analysis on the Construction Path of Wisdom Library in Wenzhou Vocational and Technical College

Jinwu Zhang^{1, a}

¹Wenzhou Vocational & Technical College, Wenzhou. 325035, China.

^ajinwu163@163.com

Abstract

The discussion on the construction of intelligent library is in full swing in China, and many views are put forward. However, there is no consensus on the definition of intelligent library. According to Professor Zhu Jingli, intelligent library is the core connotation of digital library, the third generation library and the new library, and it is also the highest form and leading mode of the future library.

Keywords

Library; innovation; development.

1. Introduction

It will drive the development of library and show the new positioning, new image and new capability of library [1].

Zhu qiang's definition of smart library: smart library is a new form of library development, a knowledge service system with artificial intelligence based on new information technology [2]. The characteristics of smart library: first, situational awareness, which enables us to better meet the needs of users; the other is better user experience, including its agility, convenience, smoothness and seamless [3]. According to wang xincai, the ultimate goal of a smart library is that the management and service of the library can be completed intelligently, without manual intervention, and the state of "wisdom" can be achieved. The main elements of constructing an intelligent library are resources, services and technology, among which the most critical one is technology. The construction of smart library can be started from three aspects: perception of needs, insight into data and improvement of experience [4].

From the perspective of technology, Chen chao understands that the intelligent library is a complex library that integrates physical and network space seamlessly. This "combination" should make readers feel that any smart technology and smart service must be people-oriented, including readers and librarians [5]. Zhang qiwei believes that the construction foundation of smart library is digitalization, networking and intelligence. The core element of intelligent library is the interconnection between people and things and between things. The key of intelligent library is the information technology represented by "artificial intelligence" and the service concept of library [6].

Smart library is a new generation of library that can be perceived and not limited by time and space, based on artificial intelligence, big data, RFID, cloud computing, Internet of things and other information technology and intelligent technology. Through environmental analysis, literature research and expert interviews, liu wei and zhou deming of Shanghai library found that 35 technologies related to the development of the industry in the next ten years can be roughly divided into five categories. From the perspective of technical architecture, the architecture of smart library can be divided into perception and recognition layer, data aggregation layer, network transmission layer and application service layer [7].

2. The Construction Status of the Intelligent Library of Wenzhou Vocational College

The library of wenzhou vocational and technical college consists of two libraries, the general library of tea mountain and the branch library of shui on, with a total building area of 16,000 square meters and a total collection of over 1.6 million volumes. Among them, there are more than 1.1 million paper books, more than 500,000 electronic books, more than 1,000 kinds of newspapers and periodicals in Chinese and foreign languages, as well as CNKI, EPS and other scientific research, learning and professional digital resources, forming a comprehensive collection system with literature on economy, industrial technology and science as the main body and literature on humanities, social sciences and management sciences combined. Located on the 1st to 4th floor of mingde building, the tea mountain main hall has more than 1200 reading seats, more than 180 reader computers and free wireless network coverage. Ruian branch library is located in ruian campus, with a total of 3 floors. It has 300 reading seats and 40 reader computers. The main hall of tea mountain and the branch of shui on both implement a unified access control system, in which the main hall of tea mountain is open from 8:00-21:00 from Monday to Sunday, and the branch of shui on is open from 8:35-21:35 from Monday to Sunday.

(1) The current situation of resources construction of wenzhou vocational college

The annual budget of wenzhichu library is about 1 million yuan, which is used for the purchase and maintenance of the library's electronic database, paper books, periodicals and newspapers, as well as the library's intelligent equipment. In 2019, there are currently 13 Chinese databases, 31 Chinese trial resource databases, and no English database. The resources construction of the school closely follows the needs of all teachers and students. Every year, the school will solicit the opinions and purchase of all students for the resources construction, and reserve part of funds for the temporary resources purchase of teachers and students, so as to maximize the utilization efficiency of funds and seek the best service for teachers and students.

(2) The current situation of the service type of wenzhou vocational college

In recent years, the library of wenzhou vocational college has deepened the construction process of the four platforms of "learning platform", "activity platform", "service platform" and "information platform", so as to continuously improve the service of the library in terms of connotation. At the same time, the library continues to reform and innovate, and deepens the construction of "environmental education", "cultural education" and "service education". Optimize the allocation and layout of resources, adopt intelligent equipment, improve the environment, provide better and more beautiful learning space for readers, and realize environmental education; Actively meet the needs of teachers and students, carry out various kinds of colorful reading promotion activities, and actively expand the scope of services, cooperate with various departments of the college to carry out various forms of social services, improve the reputation of the college, and realize cultural education; In terms of service management, we should continue to optimize the organization setting, strive for streamlining and efficiency, combine introduction with training, continuously improve the comprehensive quality of librarians, improve service efficiency and level, and realize service education. At present, the general library of tea mountain and the branch library of shui on have realized the mutual loan and return, that is, students of shui on campus can make an appointment at the service desk of shui on campus to borrow books of tea on campus, and vice versa.

(3) The current situation of the space type construction of wenzhou vocational college

To achieve "to the library as the center" to "reader centered", wen hospital library innovation space layout design, with sizes, strewn at random have the space division according to function type shelf, communication, information sharing, audio-visual form reading space, reader salon,

etc., the establishment of a multi-function, many regional books share a space. According to students' interests and needs, it provides readers (including individuals, groups or academic teams) with one-stop service platforms for learning, communication, collaboration and research, so as to realize ubiquitous service and ubiquitous learning in ubiquitous network and ubiquitous knowledge environment.

(4) The current situation of talent level construction of wen vocational college

As the current temperature school library staff a total of seven people, master's degree librarians bachelor degree 20 people, 1 person specialist qualifications, basically guarantee the librarians' self learning ability and the ability of self diathesis education, to participate in professional knowledge and skills training, and constantly learning new knowledge new skills, able to manage digital resources and intelligent equipment, innovation effective resource development and reading promotion activities, creative solutions and meet all the teachers and students growing spiritual and cultural needs and requirements of the construction of the scientific research and innovation, entrepreneurial talent growth.

(5) The current situation of management mechanism of wenzhou vocational college

The current management mechanism of the library of wen vocational college, including the asset management mechanism, the reader participation construction mechanism, the talent introduction mechanism, the resource construction mechanism, the talent incentive mechanism and the information circulation mechanism, is very mature and becoming perfect. These management mechanisms basically ensure the orderly development of library work, can effectively ensure the security of library resources, create a good working atmosphere, mobilize the enthusiasm of librarians, take the initiative to understand the needs of readers, so as to effectively play the role of library's rich resources.

3. Problems Faced by Wen Vocational College In Building Intelligent Library

(1) The collection area needs to be expanded

Through statistical analysis, it is concluded that higher vocational colleges of zhejiang province library collection area is low, although the present intelligence technology and the application of intelligent device to a certain extent, make up for the deficiency of the space, but the library as a base in higher vocational colleges culture construction, land, rich in resources, demand for space is much larger than this, only enough space to guarantee the reader the entire school teachers and students to make full use of library services and resources, to a greater extent, support the growth of the innovative talents.

(2) The collection resources construction mechanism needs to be improved

Considering that higher vocational colleges are generally limited by funds in resource construction and cannot provide more massive resources, they can develop resource construction alliance of colleges and universities in zhejiang province to meet the needs of readers to a greater extent. In addition, we can develop our own school's intellectual resources, build our own intellectual database and team, be self-sufficient, store and develop the intellectual resources and useful experience left to the school by teachers and students throughout the ages, so as to enrich the collection resources.

(3) Intelligent editing needs to be strengthened

For any library, the work of collecting and compiling is a long-term work that consumes a lot of energy and time, not to mention the tedious work of putting books on shelves and putting them back on shelves. The selection of appropriate technology and collecting and compiling system can greatly save time and manpower, guarantee the human and material resources of reader service, and improve the service of the library.

(4) The talent management mechanism of librarians needs to be improved

Library of talent introduction mechanism, talent incentive mechanism and talent growth mechanism should be neck and neck in the three kinds of talent management mechanism, these three mechanisms to ensure quality of library personnel, from the source from the process to help people keep pace with The Times, constantly learning new service concept and service method, so as to ensure that the library staff from the results service enthusiasm, advanced and innovative. Therefore, the library of wenzhou vocational and technical college should improve the mechanism of talent training, talent selection and recruitment, and build a better intelligent library.

(5) The level of knowledge service needs to be improved

Temperature position of hospital service type covers reading promotion and book circulation service, realize the reader self-help borrowing and other services, but the discipline knowledge service and knowledge discovery service still to be developed and to solve, this is the key and key intelligence service, can timely found the demand of readers and the service school discipline development of science, is the most important significance of the intelligence library construction, so to the largest extent, realize the effective utilization of resources.

4. Construction Path of the Intelligent Library of Wenzhou Vocational College

In November 2019, wen vocational college stood out from more than 1,400 vocational colleges across the country and became one of the high-level vocational schools and major construction plans with Chinese characteristics. It is reported that this is the only high level vocational school with Chinese characteristics in wenzhou, which is a milestone for the development of wenzhou vocational college. Temperature position of hospital library under the background of relying on the "play", campus should intensify efforts to build more wisdom, wisdom library, efforts to cooperate with all aspects of the school construction, show the features of vocational education type, improve the education level, strengthen professional construction and reform, deepening integration, production and education demonstration leading role play to vocational education reform, for regional economic and social development to provide high quality technical support, skilled personnel for the vocational education development ", samples of zhejiang, wenzhou mode with Chinese characteristics ".

(1) Strive to the top, check the leak to fill the vacancy

According to the research on the library in vocational schools, it is concluded that temperature of professional school library construction in zhejiang province and even the national wisdom construction level has reached the medium level, but the distance from a high level of wisdom there is still a big gap between the library construction, wen as school library should first organize librarians to high level of wisdom to visit investigation, sum up experience, learning has the advantages of the other schools, summary of the construction of the library, and then organize our librarians to learn new technology and new method to find solution and way, chase gap, and then go to listen and the demand of research and partial teachers and students, Combining its own characteristics and resources to build a high-level intelligent library that belongs to the model of wen vocational college, realizing a high-level intelligent library that can meet the requirements at any time and at any place as long as there is demand.

(2) Adhere to the characteristics, innovation and improvement

The characteristics of wenzhou vocational college lie in taking root in wenzhou culture and spirit, striving to practice the spirit and concept of national and party vocational education, combining local needs, benefiting one party's enterprises, and training a group of high-skill innovative engineers facing the future. So warm as hospital library need to strengthen the

discipline and knowledge discovery services, at the forefront of information intelligence development a variety of related disciplines, summarizes the successful experience of related skills contest, citing the success of the international and domestic education in higher vocational colleges teaching cases, strengthen personalized custom services, statistical survey reading behavior, application of push technology actively, attract readers collection resources, go all out to provide the high quality service for the entire school teachers and students.

(3) Cooperative alliance and unity building

Based on the limited library space, human, material and financial resources of wenzhou vocational college, developing wenzhou library resource construction alliance is beneficial to expanding the resource development space of wenzhou vocational college, providing more comprehensive data resources to a greater extent and improving work efficiency to provide better services. Optimize the overall distribution of education and teaching data resources in wenzhou, activate the innovation and entrepreneurship resources in wenzhou, and create a positive educational atmosphere in which everything is renewed and moving forward vigorously. It is beneficial to carry forward the spirit and culture of wenzhou people's unity and strive to build a better home.

(4) Gather wisdom, gather strength, another way

Temperature in recent years, the professional school students have won the national "challenge cup" entrepreneurship competition Jin Yinjiang, national skills contest awards 100, the international prize 11 awards, such as every year, continuously introducing talents from all over the country and even the world, they itself is school very precious wealth and intellectual resources, so as wen yuan should be rooted in between teachers and students, get construction campus between teachers and students to participate in the construction of useful experience and intellectual work, as organization to build warm courtyard characteristic database, for the temperature court later the precious resources of teachers and students to provide reference and experience.

5. Conclusion

Reform tide surge up unceasingly, the innovation of the horn has been through the motherland, today's higher vocational college libraries should be to the construction of high level in higher vocational schools and professional services, efforts to the construction of Chinese socialism with characteristics of campus culture, dedicated team wisdom library construction practice and innovation, constantly learning new technology and new spirit, improve their professional quality, shoulder the responsibility of the body, I believe wisdom library construction will become better and better.

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