Analysis of the Construction of Sports Information Resources under the Background of Modern Information Technology

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Abstract. With the rapid development and popularization of network technology and computer technology, the modern information technology has got widely applied in college teaching. While, the current situation of the constructing and sharing of sports information resources is not optimistic. In this paper, the author will explore the construction of sports information resources under the background of modern information technology. First, the author will introduce the current situation of construction of information resources in China. Second, we will talk about the implication and features of sports information resources. Third, we will explore the methods to construct the sports information resources. It is hoped that this will do help to the further study.

Introduction

Along with the popularization and development of network and computer technology, the information revolution is undergoing around the whole world. Humans have stepped into the information age. The information technology is gradually infiltrating to every field of social life. It not only changes our way of life, work and study, but also has great influences on the college education reform and development.The former President of International Olympic Committee Sammaranch once said that the internet has special function on the information transfer and education. He stressed that the information technology would play a crucial role in future sports education.The library is the information resources center. So, the college must positively carry out the construction of the sports information resources in order to provide strong information guarantee for the sports teaching and scientific research.

The Current Situation of Construction and Sharing of Sports Information Resources in Our Country

The sports are close related with our life. The sports information fills every field of our daily life. Each kind of newspaper, radio, and website has sports information. In the information age, to build the sports powerful nation must depend on the exploitation and application of sports information knowledge. Our nation is stepping into the world sports powers.To improve the competitive level, to successfully hold the Olympics and Asian Games, to promote the development of sports education, we must master the accurate sports information. While, the current situation of construction and sharing of sports information resources in our country is not optimistic.

The concept is antiquated and the awareness is weak. For one thing, the leaders don't pay enough attention to the construction of sports information resources. Besides, there lacks of the support of government and fund guarantee. The China Academic Library and Information System, China Science Digital Library and the National Cultural Information Resources Sharing Project all have set up its own information resources sharing system. While, the construction of sports information resources hasn't put into act. For another thing, the workers of the sports information are not positive. Most of them think that the information they pursued, searched can only been used by the workers of his unite. They don't have the obligation to support the information to others. This leads to the failure of the construction and sharing of the sports information resources. Besides, the scientific research workers haven't realized the advantages of sharing resources.

Each region does its own work. The State Sports General Administration information center has abundant information resources including all the national sports resources. The sports bureau in each province and city governs the provincial competition sports information resources. Besides, each sports college manages its sports education information resources. All of them are busy with their own information management.

The Implication and Feature of the Sports Information Resource

The implication of the sports information resources. Information resource is a developing concept. Information not only contains document literature, but also the relevant persons, machines, net and bank. So, from the narrow sense, the sports information resources refer to sports document literature or sports data resources. From the wide sense, the sports information resources include the sports information itself and relevant persons, equipments, technique, funds and so on.

The feature of sports information resources. As a kind of economic resources, the sports information resources own the generic feature of natural resources, manpower resources and capital resources, that is, usability, scarcity and selectivity. It also has the features below. First, it is of timeliness. That is to say that we must collect process, utilize the information timely and quickly. Second, it needs to be transferred. The sports information resources get transferred efficiently and conveniently through high technology means. Third, it can be shared. The same sports information resources can be shared by lots of people. Fourth, the value of the sports information resource can increase.

The Methods to Construct the Sports Information Resources under the Condition of Modern Information Technology

Although the construction and sharing of sports information resources in our country has been restricted by subjective factors, the mature objective conditions has created a favorable environment for its development. So, we should seize the opportunity to construct the sports information resources.

We should build a unified system platform by confirming a center library and uniting several member libraries. According to the experience of successful examples, first, we should confirm a library with abundant digital resources as the leader. The state general administration of sports information center is a unit with the most abundant digital resources and strongest technical force. So, it is the best choice for the center library. Then, we should unite each sports colleges and universities library as the members. Thus, the structure of the platform can be built in a short time. Next, we should integrate the digital resources of each member library. Through the IP limitation, the readers of the system can go on remote access and obtain the sports information and service.

We should integrate all the resources with the help of modern information technology to realize the comprehensive construction and sharing of the sports information resources gradually. Nowadays, some famous database companies such as Beijing Super Star Digital Library and China National Knowledge Infrastructure have set up many regional or professional constructing and sharing system platform based on its powerful resources and technique advantages. We can base on the features of sports information resources and real condition of sports industry to build the suitable platform by applying the mature technology and successful experience. In this way, we can save lots of time, energy and money.

We should integrate the digital resources existing. It includes the local mirror resources, remote access resources, such as the Chinese-foreign catalogues, electric books, electric journals, video resources, conference papers, academic dissertations and so on, as figure 1. In the same entrance, we can search for all the resources of each member library. Besides, we can download them conveniently.
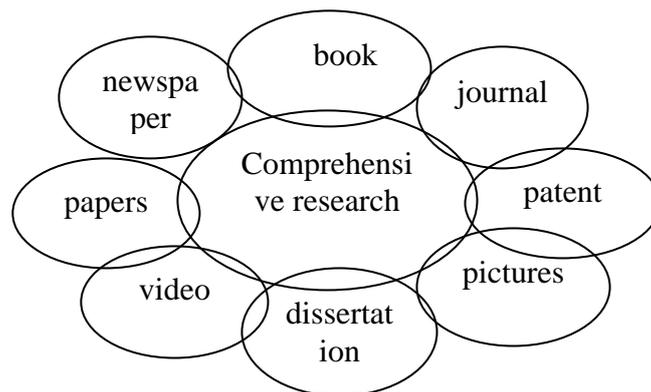
Figure 1

We should insist the principle of consciousness, willingness, fairness and non-commercial to ensure the healthy development of the system. The constructing and sharing platform is a system project that needs many unites work together. It is also a win-win enterprise that benefits other people and himself. So the member libraries must observe the working principle to ensure the normal operation and sustainable development of the system project. First, the units are voluntary to take part in it. Only when they are willing, they are consciously and positively participate in the construction. Second, we should stress fairness. At the same time, we should avoid absolute equalitarianism. Third, all the members have taken part in the construction. So, they should enjoy the service free of charge. Besides, some sharing projects provide free service for all the readers, such as the national cultural information resources sharing project. Fourth, it is necessary to build the benefits balance mechanism. So, the big library with abundant resources should devote much more.However, the little library cannot reap where it has not sown. He should do his best to the construction of sports information resources. Only by this way, we can ensure the construction of sports information resources operate healthily.

Conclusions

People has appealed for the construction and sharing of sports information technology for a long time. The most important thing is to put it into action. The government and related departments should pay great attention to it and invest more human and material resources on it. The author believes that in the near future, a scientific, abundant and convenient sports information service platform will stand out.The construction of sports information resources will benefit vast physical educators and fans.

References

[1] B. Hu. Analysis of the sports information integration and sharing. In: Journal of Wuhan Institute of P.E, 2006(2)

[2] J. W. Guo. Thinking about the application and integration of sports information resources. In: Journal of Wuhan Institute of P.E, 206(9)

[3] J. Sun. Theoretical research review of the Information Commons at home and abroad. In: Library Journal, 2006(10)

[4] Y. Wang. The main problems of constructing and sharing of information resources in our country. In: Journal of Academic Libraries, 2008(2)

[5] X. X. Yao. Research on the sustainable developing operation mechanism of construction and sharing of information resources. In: Journal of Academic Libraries, 2008(1)

[6] H. X. Yu. The exploitation of sports information resources under the network environment. In: Journal of Physical Education, 2001(3)

[7] D. M. Zhai. Study of the sports and modern information technology. In: Journal of Mongolia University of Technology, 2006(2)