Application Status and Development Trend of Network Education Technology

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Abstract: In the practical application research of network education technology in traditional application-type undergraduate colleges, the systematic nature of information resources is generally used as the research object, the importance of technology development and development is ignored, and the combination of application-oriented online education technology for undergraduate colleges The development principles, the new direction of the construction of information resources, and the development of the role of technological functions will improve the practical application effect of applied universities.

1. Introduction

With the rapid popularization of information technology and network technology, informal learning of the Internet is increasingly favored by contemporary college students and has become an important factor in promoting personal growth and professional development. The application-oriented colleges and universities are facing the new requirements for professional reform, and in-depth exploration of the ability to train social professionals in various disciplines. We must use technological development as a prerequisite to ensure the conditions, meet the practical requirements for the social development of applied talents, and provide sufficient network education technology support for the cultivation of applied talents.

2. Establishing the Principle of Practicality of Network Education Resources in Colleges and Universities

2.1 It should focus on the practical application of the society

The development and research of online education technology, in the face of the new requirements of the era of applied undergraduate colleges, should focus on the continuous improvement of internal social concerns, and emphasize the new requirements for cultivating applied talents in the new era of social development. In the face of this development situation, a general summary of the overall trend of professional social development of applied-type undergraduate colleges should be carried out to collect, analyze and sort out the relevant information of professional development, and eliminate the education information that is contrary to the direction of the needs of social talents of the era.

Tab.1 Seven Architectures of Network Education Learning System

Number/name	Function
TS130 - Student Education Record (Trouse Sheet)	Used to Transfer Student Data Between Educational Institutions
TS131 - Student Education Record (Transcript)	Confirmation Provides intelligent automatic confirmation when student records are received
TS146 - Student Education Record (Troble Sheet)	Allow Educational Institutions to Submit Automated Student Record Requests
TS147 - Response to student education record (transcript)	request Automated response to student record request
TS132 - Human Resource Information	Used to Transfer Personnel Record Data Between Educational Agents
TS133 - Educational institutions	Used to transmit information about educational institution characteristics between educational agents
TS152 - Government Statistics	Used to send responses to government surveys.

2.2 Taking the extensiveness of resource services as the starting point

The purpose of deepening and expanding online education technology in application-oriented colleges and universities is very clear. It is to increase the intrinsic application value of educational resources and provide a powerful service and help for the development of students. It is necessary to carry out specific explorations around this point, and to fully construct the service function of information resources in the research and development of online education technology. While demonstrating the amount of resource information, it also shows the service value of resource information.

3. Deepening the Elements of Online Education Service Resources in Universities

3.1 Development and Improvement of Directional Service Network Information Resources for Professional Development

The purpose of the development of application-oriented colleges and universities is to enhance the overall value of the talented people's society, and to cultivate suitable talents for social development. The deepening and development of online education technology is the new focus of the construction of education resource system in today's applied undergraduate colleges. It is necessary to give full play to the advantages of network information resources dissemination and provide comprehensive and timely information guidance for students' social development. Focusing on this aspect, applied-type undergraduate colleges should play a directional service role in building an online education resource system, and be in line with the reality of social development, and make forward-looking predictions for the general direction of the development of various disciplines in colleges and universities for application. The social development of talents provides network information support.

3.2 Integration and Deepening of "Teaching Package" Web Services Information Resources

Application-oriented colleges and universities pay attention to comprehensively deepen the cultivation of applied talents, and take the social practical value of talent cultivation as a key point, and develop practical and feasible teaching resources. With the deepening and development of online education technology, its essence is to broadly explore educational resources, and then comprehensively strengthen the depth and breadth of educational resources, and then achieve the core objectives of teaching development in applied undergraduate colleges. The "teaching package" can be understood as a collection of online teaching resources that support the development of talents.

3.3 The comprehensive application of "learning package" network service information resources

The construction and development of the "learning package" in online education technology is reflected in the students, which is to provide students with a convenient and fast learning channel and provide convenient conditions for students' professional learning and practice. To promote the theory and practice of college students in learning can be based on a true social development environment. The United States began the earliest research work on network education technology standardization, and several standards have entered the practical stage. Here are some of the more influential standards development organizations and their results. Mainly include:
- CBT Teaching Platform Guide (AGR-002);
- Digital Audio Guide for DOS (AGR-003);
- Local Edition CMI Interoperability Guide (AGR-006);
- Web version of the CMI Interoperability Guide (AGR-0010);
- Student User Navigation Control Guide (AGR-009).

In the development of the "learning pack" resource element, we must update the new social development situation of different professions in real time, provide information feedback for the professional development needs of students at the first time, and make the cultivation of applied

talents more time-sensitive. The application characteristics reflected in the construction and development of applied undergraduate colleges mainly lie in two aspects: first, to promote the development of talents' practical ability; second, to deeply explore the application of talents' professional knowledge system.
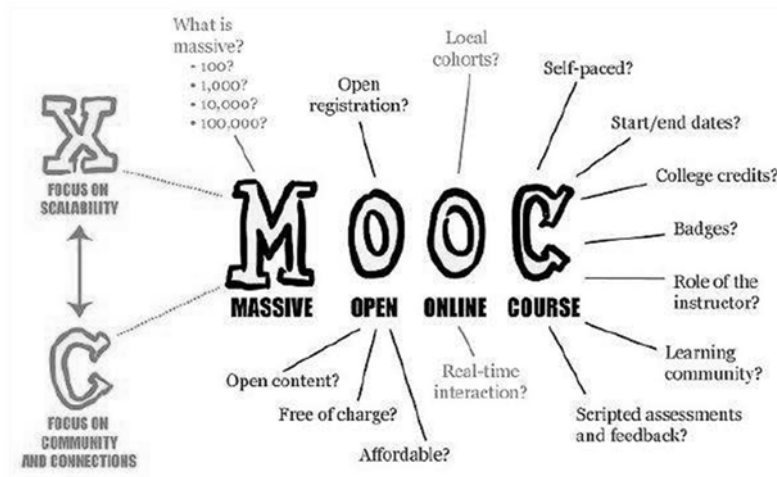

Fig.1 Education Technology Trends

4. Highlight the conditions of the role and function of online education technology

4.1 Reasonable Expansion of Network Communication Education Platform in Colleges and Universities

The construction of university network exchange platform is conducive to the application of undergraduate colleges to explore and develop personnel training model, but also conducive to the full exchange of applicable personnel training methods. The mode of talent cultivation for applied universities and colleges focuses on the improvement of the scope of application of talented people's social application ability and the application of thinking, and accelerates the development of the professional innovation of talents. In the construction of the network communication platform, all universities and colleges must implement a comprehensive open education practice model to illustrate the overall construction of the practice education base, and to increase opportunities for mutual cooperation through communication and exchange, and to create an active environment for the construction of a talent cultivation environment for applied undergraduate colleges and universities.

4.2 Comprehensive Development of the "Three-Network Integration" Education Resource System

The development of modern application-oriented undergraduate colleges integrates the basic forms of online education technology development, emphasizing new breakthroughs in the application of traditional online education technology, and fully developing computer networks, communication networks, and video network education technologies to ensure the comprehensive application of online education technology. . In the construction and development of educational resources system, it is necessary to combine the extensive features of information dissemination and storage in computer network technology, and to use visual network education technology to promote, and provide strong network information resources for the development of applied talents.

4.3 Deepening Development of Network Education Resource Sharing Technology

The development of online education resource sharing technology, as the basic condition for ensuring the comprehensive application of online education technology in application-oriented universities, is also an important means for deep optimization, expansion, and development of educational information resources. The current colleges and universities have the problems that it is difficult to integrate the traditional teaching and the network-assisted teaching, the follow-up

construction of the online teaching platform cannot keep up, the utilization of the network-assisted teaching platform is not high, and the design of the online course is not reasonable enough.

5. Summary

In order to construct an easy-to-use application program for online education technology in application-oriented colleges and universities, the main body of online education technology should be defined, based on the integration of mass education resources, in-depth exploration of educational service resources, and guidance of resource information. This is the main way to solve the complex problems of the application of traditional network education technology, and provides the preconditions for the application of online education technology in applied universities.

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