Exploration of Computer-based Ideological and Political Education Mode in the New Direction of Science, Technology and Social Development

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Abstract. With the development of the new generation of information technology, a large-scale application data era has come. Research on the way of realizing curriculum ideological and political thoughts based on AI innovation and entrepreneurship Education Actively promote course and education, leading the design of curriculum system, and to explore the path of the course of ideological and political education. Grasp the new task of curriculum of innovation and entrepreneurship education, constantly explore the carrier path of curriculum ideological and political integration with innovation and entrepreneurship curriculum, strengthen the educational function.

Keywords: Big Data, Colleges and Universities, Ideological and Political Education

1. Introduction

Nowadays, education is getting more and more important, It is closely associated with the development of the future of China and the reserve of talents. Then, We may come across some problems in the process of our development, such as how to cultivate people, how to put ideological and political into education and teaching. With the advent of the "Internet Plus" era, how ideological work respond? It includes the effects of educational effectiveness, educational platform, educational object and educational carrier, etc. Education opportunities and challenges coexist. The development and progress of the Internet era is conducive to the development of contemporary students in many aspects. Their behavior, way of thinking and living habits are deeply influenced by Internet technology and technology. How to really use Network advantage, playing it’s positive effect in education work. It is the current higher education to acquire useful knowledge.
2. Definition of the effectiveness of ideological and political education for college students

2.1. The meaning of the effectiveness of ideological and political education for college students

Ideological and political education refers to the organized and planned education that should be imposed by a society or social group in social practice. The ideological and political education by education media and education, students, education workers and other factors. The purpose is to cultivate the moral standards and social ability of university students in ideological and political aspects and so on.

2.2. Characteristics of the Effectiveness of Education for College Students under the background of "Internet +"

Ideological and political education, as the basis to lead the development of human thought and the divergence of thinking. No matter in any era, "Internet +" is indispensable and of infinite value in the form of diversity as well as the explosion of information taught to the mind. The development of education and effectiveness is very important. Considering these essential characteristics of "Internet +", it tends to be reliable, truthful and truthful to information[1]. For both students and educators, the characteristics of "Internet +" and the effectiveness education work provide them with a new way for information transmission, resource sharing and divergent thinking.

3. The application based on computer provides an opportunity for the effectiveness

3.1. Enhance the enthusiasm of students

In traditional academic education, the systematic and centralized traditional teaching method has met the bottleneck of development, this teaching method lacks innovation. Based on the question "How do you think students in Open University should be more active in studying politics? According to the survey on this question, 41% of respondents think that teaching methods should be "changed" (see Figure 1)[2].

![Figure 1](image_url)

Figure 1. The results of the questionnaire were counted
The survey results illustrate that most of students are dissatisfied with the traditional teaching mode. However, if we want to improve the problems in traditional method, we can use computers to adopt an upward teaching mode and improve students' learning enthusiasm.

3.2. Abundant resources

Whether the Internet can go deep into the reform of traditional education method and make substantial progress depends on whether the institution can establish a sound effective system, the reform of evaluation mechanism, the construction of internal network platform and other relevant rules and regulations and relevant technical support measures\cite{3}. For each school, the college should combine "Internet +" technology to develop and use mobile apps and web pages that are in line with the development of the college, so as to facilitate educators to improve the educational technology and the evaluation mechanism for students. For example, strengthen the establishment and management of campus network and campus forum, create a good campus network platform, improve its appeal and attraction; Create an equal interactive platform environment, so that students and teachers can communicate freely; Establish a special network organization (network platform, database, etc.) to make the Internet a new way to understand the ideological trends of educators and pay close attention to social hot spots; Add ideological and political education section on the school official website, and carry out attractive design; The school independently develops mobile phone software, designs a good and precise ideological and political education docking application, and regularly pushes hot current events to students. Meanwhile, online courses such as microcourses will be added to make them available to more people who are interested in further education\cite{4}.

3.3. The establishment of education platform

Review the traditional education, the teaching model is mainly based on face-to-face, peer-to-peer conversations. However, this teaching method may lead to low efficiency of education, not timely tracking to each student's specific conditions. Under the background of "Internet +", this new teaching method of education breaks the constraints of traditional method in space and time, and provides a platform for diversity (diversity of forms, extensiveness of scope, effectiveness of information, and rapidity of communication, etc)\cite{5}. It accelerates the process of educational form reform and makes education more extensive and effective. On this basis, educators can obtain a broader platform of educational resources, more abundant means of communication, and can effectively improve their work efficiency and work level. In the Internet era, the amount of information accepted by college students, and the topics worthy of communication and discussion increase, so as to broaden their horizon.

4. The problems existing in the education of university students under the new direction of science, technology

| Table 1. Some problems existing in the traditional education method |
|---------------------|----------------|
| problem             | description    |
| Lack of network platform |                  |
| It is difficult to adapt to the needs  |                  |
| High risk            |                  |
4.1. The integration of network technology and ideological and political work is very difficult

In the field of ideological and political education, the importance of causality is self-evident. However, in this context, Complex data don't allow people to figure out "why". First, regardless of the organization, there is a need for a large amount of talent to manage a large amount of data, which can help people find the most reasonable results. The analysis of the relevant collected data includes a variety of contents, so it is relatively difficult to build a platform for multicultural analysis that truly integrates the new ways of education.

4.2. The comprehensive quality of educators can not meet the needs of The Times

On the premise of having the basic abilities of educators (literary accomplishment, political idea, professional knowledge and professional ability, etc.), they should have network technologies, including Internet thinking, network platform maintenance, information collection and processing and application of network technologies. However, at present, ideological and political educators are polarized. Educators with good professional knowledge and rich experience lack the necessary network literacy, adapt to the development of network teachers, and lack relevant professional experience[6].

4.3. Network environment has bigger risk

Our country does not have sufficient defense capability in cyber security. The dissemination of bad information and bad customs on the Internet will also pollute this education in colleges. Contemporary college students have a lot of curiosity, limited thinking, moral and legal consciousness is weak, and easily affected by the bad network information, the conflict of traditional values in our country, affecting the whole social moral atmosphere. This is an issue on which we must be highly vigilant in advancing Internet Plus.

5. Conclusion

Therefore, education and the integration of Internet technology is to adapt to the era of "Internet +" trend and the inevitable choice of college students' actual situation. Cultivating innovative thinking mode, supervision mode and education mode, emphasize that ideological and political educators should strengthen data awareness, improve thinking mode, and prepare for a new round of network era. In education, exploring innovative ways of education is very important, which can improve the quality and the level of education. It will help college students to form a correct world outlook, outlook on life and values in the complex network era environment, constantly enhance their professional ability, cultivate their divergent thinking, so that they can make contributions to China's social development.

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